

Converting Colors

XYZ(85.5827, 91.6620,
103.5421)

Have a look what the booklet for
XYZ(85.5827, 91.6620, 103.5421)
contains.

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Color

**XYZ(85.4411, 91.4282,
103.5867)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EDF7FA |
| RGB | 237, 247, 250 |
| RGB Percent | 93%, 97%, 98% |
| CMY | 0.0706, 0.0314, 0.0196 |
| CMYK | 0.05, 0.01, 0.00, 0.02 |
| HSL | 194°, 57%, 95% |
| HSV | 194°, 5%, 98% |
| XYZ | 85.4411, 91.4282, 103.5867 |
| YIQ | 244.3520, -6.9230, -1.1870 |

Conversions

Conversions Part 2

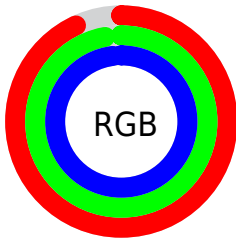
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 237, 243, 250 |
| Decimal | 15595514 |
| CIE _{Lab} | 96.59, -2.73, -2.59 |
| CIE _{LCh} | 97, 3.763, 223.478 |
| Yxy | 91.4282, 0.3047, 0.3260 |
| Android (android.graphics.Color) | 4293785594 (0xFFEDF7FA) |
| YUV | 244.3520, 2.7845, -6.4477 |
| Hunter-Lab | 95.6181, -7.8301, 2.7016 |

Details

The XYZ color **85.4411, 91.4282, 103.5867** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.8707, 88.7577, 92.7281**, and the grayscale version is **86.2555, 90.7475, 98.8240**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4245, 50.9804, 58.3796** is the 20% darker color. If you saturate the color by 10%, you get **75.9350, 83.9547, 102.6466**, and if you desaturate by 10%, it is **93.5475, 98.2660, 104.4807**.

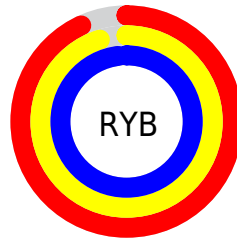
Distribution



Red (93%)

Green (97%)

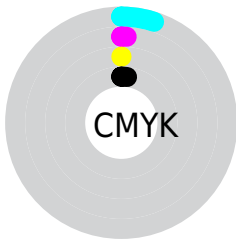
Blue (98%)



Red (93%)

Yellow (95%)

Blue (98%)

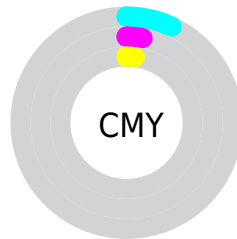


Cyan (5%)

Magenta (1%)

Yellow (0%)

Black (2%)



Cyan (7%)

Magenta (3%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.4411, 91.4282, 103.5867 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 85.4411, 91.4282, 103.5867 by changing the saturation by 10% instead.

85.4411, 91.4282,
103.5867

85.4411, 91.4282,
103.5867

501.5482,
532.6659, 592.9764

64.5296, 69.1658,
78.6658

139.9001,
149.3206, 168.1722

47.3431, 50.8467,
58.1014

174.1784,
185.7195, 208.6738

33.5160, 36.0867,
41.4749

213.6430,
227.5992, 255.2061

22.6832, 24.5011,
28.3679

258.6593,
275.3443, 308.1876

14.4791, 15.7058,
18.3617

309.5926,
329.3391, 368.0368

8.5386, 9.3162,
11.0379

366.8083,

4.4961, 4.9480,

389.9681, 435.1724

5.9778

430.6717,
457.6155, 510.0127

■ 1.9865, 2.2168,
2.7630

■ 0.6263, 0.7291,
0.9749

■ 85.4411, 91.4282,
103.5867

■ 85.4411, 91.4282,
103.5867

■ 75.9350, 83.9547,
102.6466

■ 93.5475, 98.2660,
104.4807

■ 67.5961, 77.1606,
101.7747

■ 94.2556, 99.6822,
104.7167

■ 60.3753, 71.0222,
100.9705

■ 54.2170, 65.5102,
100.2311

■ 49.0605, 60.5925,
99.5537

■ 44.8388, 56.2339,
98.9349

■ 41.4763, 52.3945,
98.3710

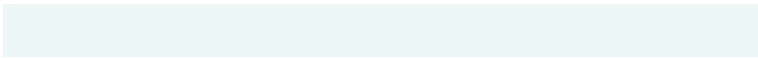
■ 38.8849, 49.0283,
97.8579

■ 36.9563, 46.0785,
97.3902

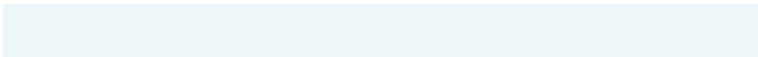
Harmonies

Analogous

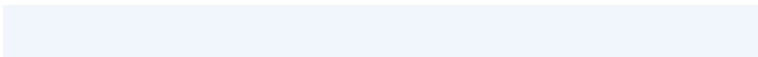
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9487, 91.4282, 100.9052



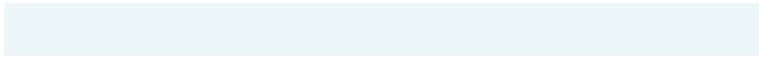
85.4411, 91.4282, 103.5867



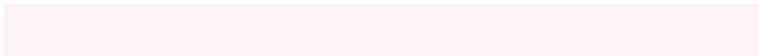
86.3261, 91.4282, 105.2040

Triad

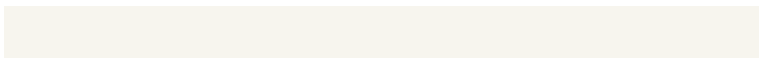
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4411, 91.4282, 103.5867



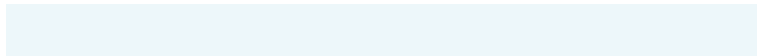
88.8522, 91.4282, 101.2053



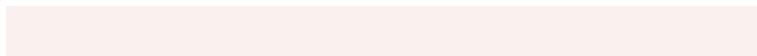
86.4295, 91.4282, 94.0252

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



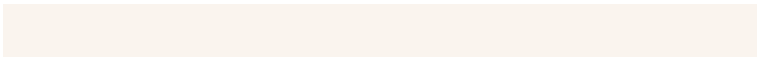
85.4411, 91.4282, 103.5867



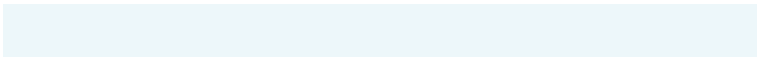
85.8707, 88.7577, 92.7281

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.4759, 91.4282, 94.1019



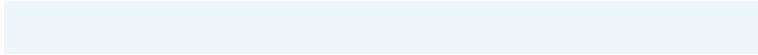
85.4411, 91.4282, 103.5867



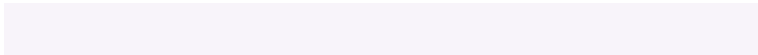
88.8805, 91.4282, 98.2065

Square

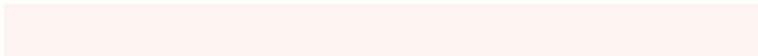
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4411, 91.4282, 103.5867



88.2981, 91.4282, 103.8102



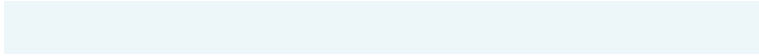
88.3749, 91.4282, 95.6191



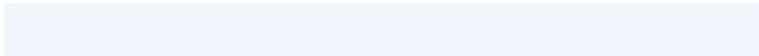
85.5162, 91.4282, 95.4075

Rectangle

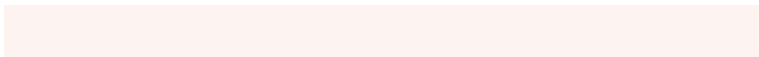
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.4411, 91.4282, 103.5867



87.0224, 91.4282, 105.4411



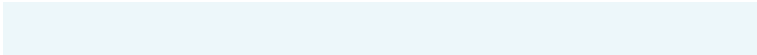
88.3749, 91.4282, 95.6191



86.7772, 91.4282, 93.8821

Sweetspot

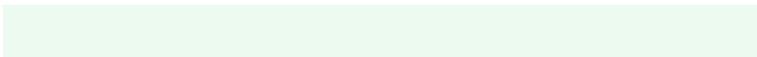
The Sweet Spot groups the original color and five complimentary colors.



85.4437, 91.4321, 103.5887



92.8247, 98.2979, 108.6887



84.8130, 92.6576, 95.7112



19.8916, 21.0577, 23.2661



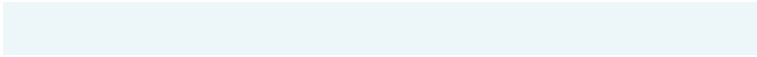
0.0000, 0.0000, 0.0000



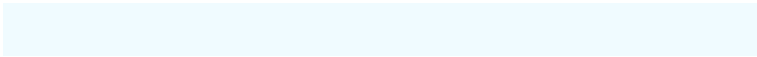
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4437, 91.4321, 103.5887



88.5288, 94.9836, 108.2754



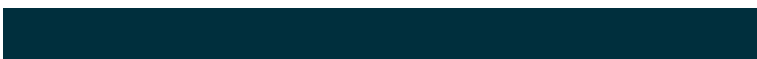
83.5433, 87.6313, 102.9553



18.0028, 19.3560, 22.1725



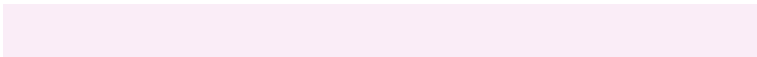
19.3106, 23.9767, 51.5837



1.8681, 2.3798, 4.8041

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86.4990, 87.6094, 100.3516



89.7993, 90.3986, 104.3747



87.7640, 92.5442, 93.3592



18.2901, 18.3224, 21.2899



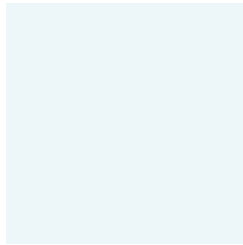
26.0391, 12.8314, 27.9781



2.4518, 1.2045, 2.8027

Previews

White Background



This preview shows how the XYZ color 85.4411, 91.4282, 103.5867 looks on a white background.

Color Contrast Check

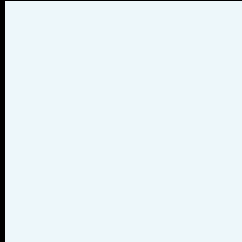
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 85.4411, 91.4282, 103.5867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

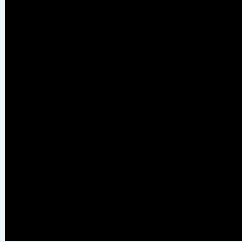
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

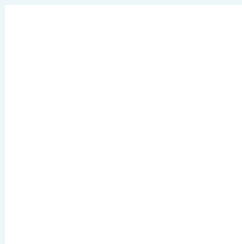
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.4411, 91.4282, 103.5867

Background



This preview shows how black text looks on a background with the XYZ color 85.4411, 91.4282, 103.5867.



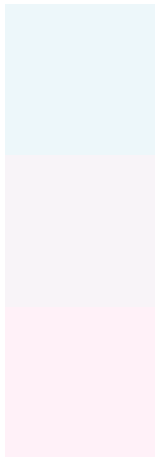
This preview shows how white text looks on a background with the XYZ color 85.4411, 91.4282,

103.5867.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.4411, 91.4282, 103.5867

Protanopia

88.0054, 91.4351, 101.8173

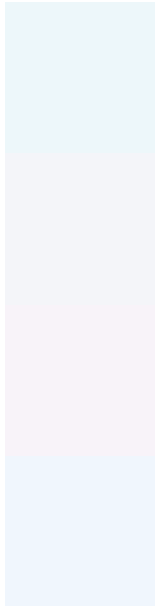
Deuteranopia

89.6386, 90.9479, 101.6372

Tritanopia

87.3204, 91.4021, 107.6478

Trichromacy



Original Color

85.4411, 91.4282, 103.5867

Protanomaly

87.0595, 91.3775, 102.6716

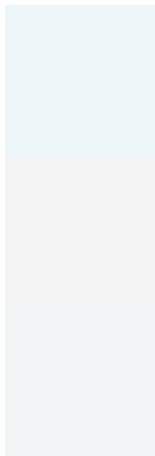
Deuteranomaly

87.8609, 90.8972, 102.5367

Tritanomaly

86.6206, 91.5286, 106.0299

Monochromacy



Original Color

85.4411, 91.4282, 103.5867

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.5626, 90.6594, 100.1782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4411, 91.4282, 103.5867 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(237, 247, 250)` looks like.

```
.text, #text, p{  
    color:rgb(237, 247, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(237, 247, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 247, 250) }
```

Border

The CSS property to change the border of an element to XYZ 85.4411, 91.4282, 103.5867 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 247, 250) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(237, 247, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(237, 247, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 247, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 247, 250);  
box-shadow:4px 4px 4px 4px rgb(237, 247,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4411, 91.4282, 103.5867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 247, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(237,  
247, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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