

Converting Colors

XYZ(85.4235, 91.3827,
105.2318)

Have a look what the booklet for
XYZ(85.4235, 91.3827, 105.2318)
contains.

XYZ(85.4235, 91.3827, 105.2318)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(85.4235, 91.3827,
105.2318)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF7FC
RGB	236, 247, 252
RGB Percent	93%, 97%, 99%
CMY	0.0745, 0.0314, 0.0118
CMYK	0.06, 0.02, 0.00, 0.01
HSL	199°, 73%, 96%
HSV	199°, 6%, 99%
XYZ	85.4235, 91.3827, 105.2318
YIQ	244.2810, -8.1610, -0.7770

Conversions

Conversions Part 2

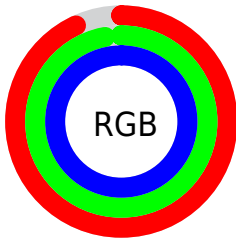
Format	Color
R _Y B	236, 243, 252
Decimal	15529980
CIE Lab	96.57, -2.68, -3.66
CIE LCh	97, 4.536, 233.734
Yxy	91.3827, 0.3029, 0.3240
Android (android.graphics.Color)	4293720060 (0xFFEFCF7FC)
YUV	244.2810, 3.8055, -7.2624
Hunter-Lab	95.5943, -7.7816, 1.6486

Details

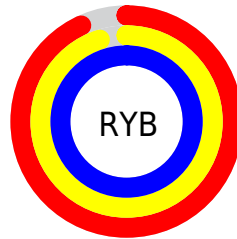
The XYZ color **85.4235, 91.3827, 105.2318** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.7407, 89.6613, 92.0929**, and the grayscale version is **86.1914, 90.6801, 98.7506**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3035, 50.9050, 58.9623** is the 20% darker color. If you saturate the color by 10%, you get **75.2847, 82.6612, 104.0842**, and if you desaturate by 10%, it is **94.5309, 99.7283, 106.3641**.

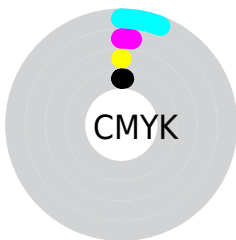
Distribution



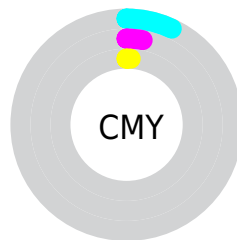
- Red (93%)
- Green (97%)
- Blue (99%)



- Red (93%)
- Yellow (95%)
- Blue (99%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)



- Cyan (7%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.4235, 91.3827, 105.2318 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 85.4235, 91.3827, 105.2318 by changing the saturation by 10% instead.

85.4235, 91.3827,
105.2318

85.4235, 91.3827,
105.2318

501.4910,
532.5185, 598.2286

64.5150, 69.1280,
80.0358

139.8757,
149.2575, 170.4428

47.3312, 50.8160,
59.2215

174.1501,
185.6465, 211.2950

33.5066, 36.0622,
42.3703

213.6106,
227.5157, 258.2029

22.6759, 24.4822,
29.0636

258.6225,
275.2494, 311.5852

14.4738, 15.6917,
18.8829

309.5511,
329.2322, 371.8604

8.5348, 9.3063,
11.4098

366.7618,

4.4937, 4.9415,

389.8484, 439.4470

6.2255

430.6200,
457.4824, 514.7635

■ 1.9850, 2.2130,
2.9117

■ 0.6255, 0.7271,
1.0497

■ 85.4235, 91.3827,
105.2318

■ 85.4235, 91.3827,
105.2318

■ 75.2847, 82.6612,
104.0842

94.5309, 99.7283,
106.3641

■ 66.3750, 74.7197,
103.0209

94.5710, 99.8084,
106.3774

■ 58.6430, 67.5324,
102.0411

■ 52.0308, 61.0675,
101.1418

■ 46.4750, 55.2904,
100.3195

■ 41.9055, 50.1630,
99.5707

■ 38.2434, 45.6426,
98.8911

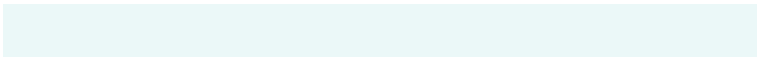
■ 35.3959, 41.6793,
98.2762

■ 33.2480, 38.2116,
97.7201

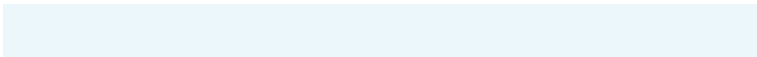
Harmonies

Analogous

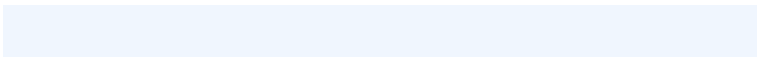
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6456, 91.3827, 102.3346



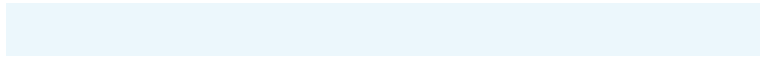
85.4235, 91.3827, 105.2318



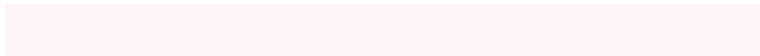
86.5909, 91.3827, 106.5973

Triad

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



85.4235, 91.3827, 105.2318



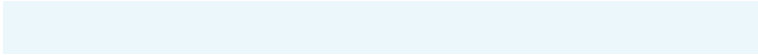
89.3005, 91.3827, 100.2636



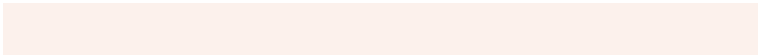
85.8798, 91.3827, 93.2495

Complementary

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



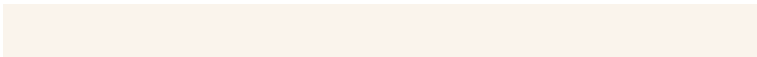
85.4235, 91.3827, 105.2318



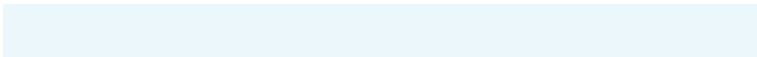
86.7407, 89.6613, 92.0929

Split Complementary

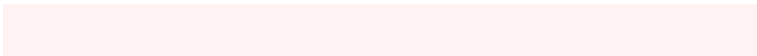
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1227, 91.3827, 92.7254



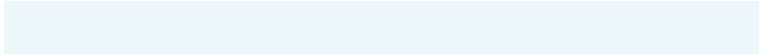
85.4235, 91.3827, 105.2318



89.1056, 91.3827, 96.7187

Square

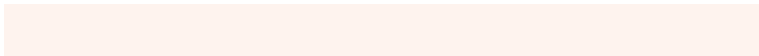
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



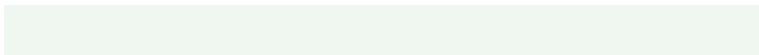
85.4235, 91.3827, 105.2318



88.8354, 91.3827, 103.6844



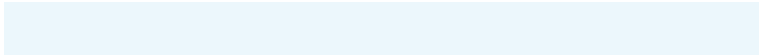
88.3055, 91.3827, 93.9806



84.9072, 91.3827, 95.4302

Rectangle

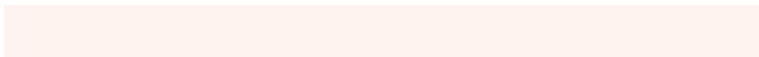
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.4235, 91.3827, 105.2318



87.4361, 91.3827, 106.4322



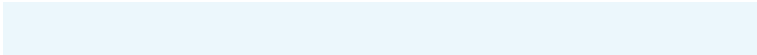
88.3055, 91.3827, 93.9806



86.2795, 91.3827, 92.8760

Sweetspot

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



85.4261, 91.3866, 105.2338



92.6926, 98.0337, 108.6447



85.2512, 93.7941, 96.6748



19.8648, 21.0039, 23.2571



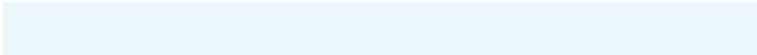
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



85.4261, 91.3866, 105.2338



85.9405, 92.3370, 107.9010



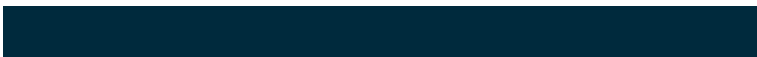
83.0892, 86.7128, 104.4548



17.2819, 18.6406, 22.0724



17.1059, 19.5674, 50.8489



1.6789, 2.0014, 4.7410

Inverse Universe

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



86.9308, 87.4034, 100.2891



87.8752, 87.2644, 101.5325



89.1005, 94.3809, 92.8795



17.7488, 17.4269, 20.5330



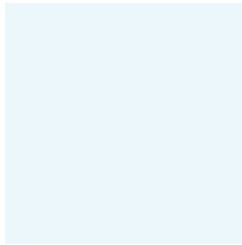
24.9263, 12.3862, 22.1181



2.3563, 1.1663, 2.2999

Previews

White Background



This preview shows how the XYZ color 85.4235, 91.3827, 105.2318 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 85.4235, 91.3827, 105.2318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

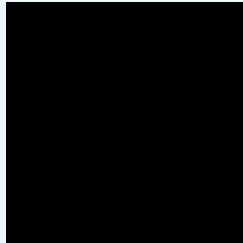
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

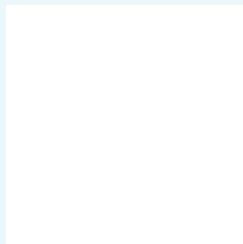
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.4235, 91.3827, 105.2318

Background



This preview shows how black text looks on a background with the XYZ color 85.4235, 91.3827, 105.2318.

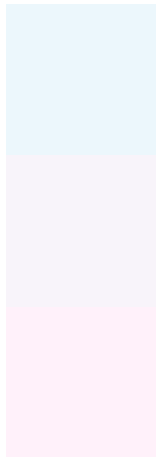


This preview shows how white text looks on a background with the XYZ color 85.4235, 91.3827,

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

85.4235, 91.3827, 105.2318

Protanopia

88.3174, 91.5600, 103.4605

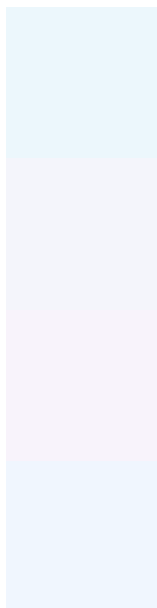
Deuteranopia

89.9506, 91.0727, 103.2804

Tritanopia

87.3204, 91.4021, 107.6478

Trichromacy



Original Color

85.4235, 91.3827, 105.2318

Protanomaly

87.3732, 91.5029, 104.3236

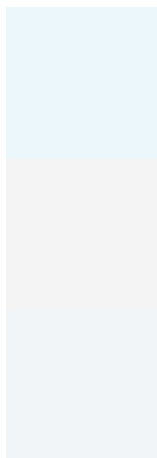
Deuteranomaly

88.1746, 91.0227, 104.1886

Tritanomaly

86.7803, 91.5926, 106.8712

Monochromacy



Original Color

85.4235, 91.3827, 105.2318

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.7165, 90.7210, 100.9888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4235, 91.3827, 105.2318 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(236, 247, 252) looks like.

```
.text, #text, p{  
    color:rgb(236, 247, 252)  
}
```

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(236, 247, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 247, 252) }
```

Border

The CSS property to change the border of an element to XYZ 85.4235, 91.3827, 105.2318 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(236, 247, 252) }
```


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

```
.border{ border-color:rgb(236, 247, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 247, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 247, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 247, 252); box-shadow:4px 4px 4px 4px rgb(236, 247, 252) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4235, 91.3827, 105.2318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 247, 252) }
```

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

```
.background{ background-color: rgb(236,  
247, 252) }
```

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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