

Converting Colors

XYZ(86.5283, 91.0231,
103.3195)

Have a look what the booklet for
XYZ(86.5283, 91.0231, 103.3195)
contains.

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Color

**XYZ(86.5257, 91.0842,
103.4631)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F5FA
RGB	242, 245, 250
RGB Percent	95%, 96%, 98%
CMY	0.0510, 0.0392, 0.0196
CMYK	0.03, 0.02, 0.00, 0.02
HSL	217°, 44%, 96%
HSV	217°, 3%, 98%
XYZ	86.5257, 91.0842, 103.4631
YIQ	244.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

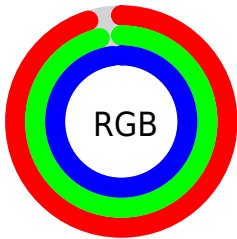
Format	Color
R _Y B	242, 244, 250
Decimal	15922682
CIE Lab	96.44, -0.09, -2.75
CIE LCh	96, 2.756, 268.172
Yxy	91.0842, 0.3078, 0.3241
Android (android.graphics.Color)	4294112762 (0xFFFF2F5FA)
YUV	244.6730, 2.6262, -2.3442
Hunter-Lab	95.4380, -5.1855, 2.5311

Details

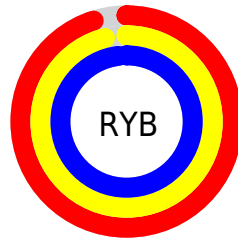
The XYZ color **86.5257, 91.0842, 103.4631** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.7123, 93.2554, 97.3303**, and the grayscale version is **86.5121, 91.0175, 99.1181**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1849, 50.7293, 58.2911** is the 20% darker color. If you saturate the color by 10%, you get **73.9995, 77.9105, 101.5819**, and if you desaturate by 10%, it is **94.2556, 99.6822, 104.7167**.

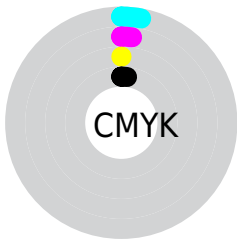
Distribution



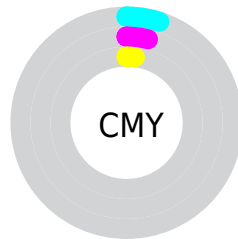
- Red (95%)
- Green (96%)
- Blue (98%)



- Red (95%)
- Yellow (96%)
- Blue (98%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.5257, 91.0842, 103.4631 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 86.5257, 91.0842, 103.4631 by changing the saturation by 10% instead.

86.5257, 91.0842,
103.4631

86.5257, 91.0842,
103.4631

505.0710,
531.5514, 592.5808

65.4295, 68.8802,
78.5629

141.4059,
148.8435, 168.0014

48.0754, 50.6142,
58.0173

175.9206,
185.1676, 208.4766

34.0981, 35.9016,
41.4078

215.6389,
226.9672, 254.9806

23.1322, 24.3582,
28.3158

260.9261,
274.6267, 307.9319

14.8124, 15.5996,
18.3227

312.1475,
328.5304, 367.7490

8.7733, 9.2413,
11.0101

369.6686,

4.6495, 4.8989,

389.0629, 434.8505

5.9594

433.8546,
456.6084, 509.6549

■ 2.0758, 2.1881,
2.7520

■ 0.6760, 0.7135,
0.9694

■ 86.5257, 91.0842,
103.4631

■ 86.5257, 91.0842,
103.4631

■ 73.9995, 77.9105,
101.5819

■ 94.2556, 99.6822,
104.7167

■ 62.9852, 66.0908,
99.8810

■ 53.4246, 55.5826,
98.3566

■ 45.2529, 46.3366,
97.0026

■ 38.3999, 38.3003,
95.8127

■ 32.7889, 31.4168,
94.7798

■ 28.3346, 25.6240,
93.8964

■ 24.9394, 20.8523,
93.1543

■ 22.4866, 17.0211,
92.5441

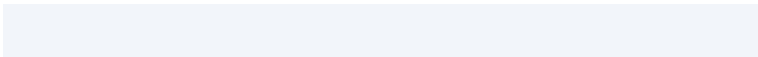
Harmonies

Analogous

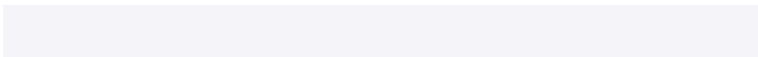
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7963, 91.0842, 102.8125



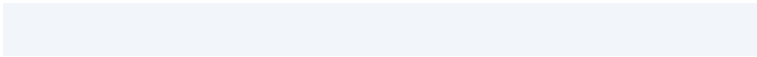
86.5257, 91.0842, 103.4631



87.2719, 91.0842, 102.9507

Triad

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



86.5257, 91.0842, 103.4631



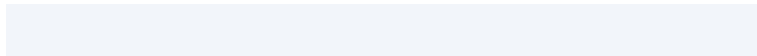
87.8813, 91.0842, 97.1917



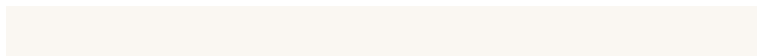
85.3240, 91.0842, 96.9613

Complementary

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



86.5257, 91.0842, 103.4631



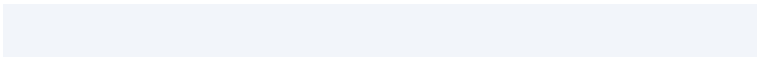
88.7123, 93.2554, 97.3303

Split Complementary

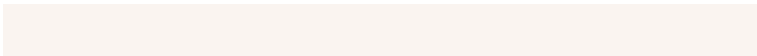
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8774, 91.0842, 95.4931



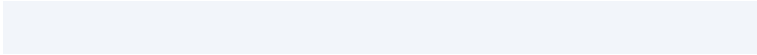
86.5257, 91.0842, 103.4631



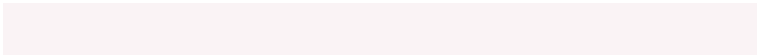
87.3540, 91.0842, 95.6247

Square

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



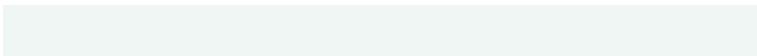
86.5257, 91.0842, 103.4631



88.0573, 91.0842, 99.3102



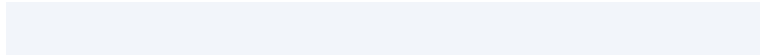
86.6199, 91.0842, 95.0075



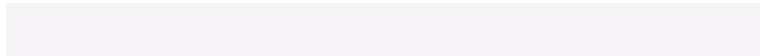
85.1050, 91.0842, 99.0404

Rectangle

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



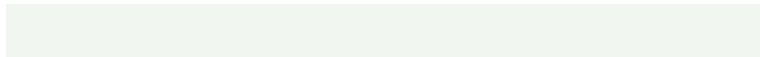
86.5257, 91.0842, 103.4631



87.6780, 91.0842, 102.0228



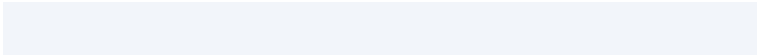
86.6199, 91.0842, 95.0075



85.4770, 91.0842, 96.3811

Sweetspot

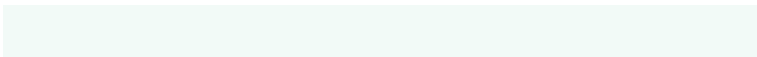
The Sweet Spot groups the original color and five complimentary colors.



86.5283, 91.0881, 103.4651



93.6121, 98.5077, 108.6877



87.5832, 93.9612, 101.4634



20.0520, 21.1005, 23.2659



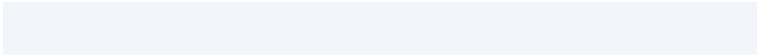
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



86.5283, 91.0881, 103.4651



89.3979, 94.1194, 108.0628



85.9480, 89.4507, 103.1796



18.1087, 19.0668, 22.1111



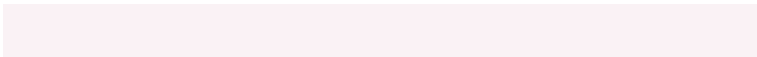
11.3968, 8.1492, 48.9458



1.1537, 0.9511, 4.5659

Inverse Universe

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



87.6599, 90.4226, 99.2239



90.8731, 93.2604, 102.5318



89.3047, 94.9355, 97.6234



18.4658, 18.8608, 20.7720



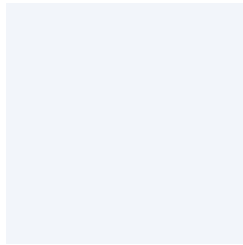
22.0446, 11.2336, 6.9434



2.0913, 1.0602, 0.9040

Previews

White Background



This preview shows how the XYZ color 86.5257, 91.0842, 103.4631 looks on a white background.

Color Contrast Check

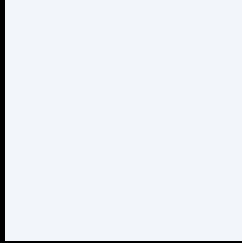
Large Text (above 18pt) WCAG AA × Fail

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 86.5257, 91.0842, 103.4631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

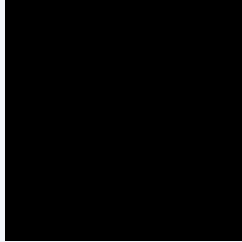
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

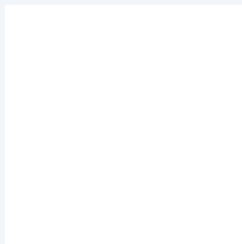
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.5257, 91.0842, 103.4631

Background



This preview shows how black text looks on a background with the XYZ color 86.5257, 91.0842, 103.4631.



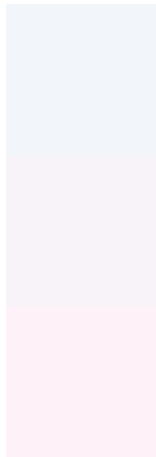
This preview shows how white text looks on a background with the XYZ color 86.5257, 91.0842,

103.4631.

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

86.5257, 91.0842, 103.4631

Protanopia

87.8609, 90.8972, 102.5367

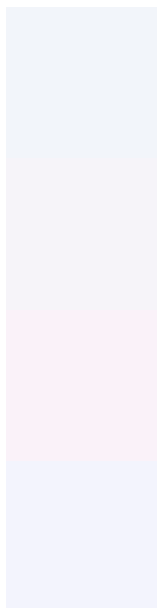
Deuteranopia

89.6386, 90.9479, 101.6372

Tritanopia

87.7089, 91.1545, 107.5796

Trichromacy



Original Color

86.5257, 91.0842, 103.4631

Protanomaly

87.4556, 91.1338, 102.6037

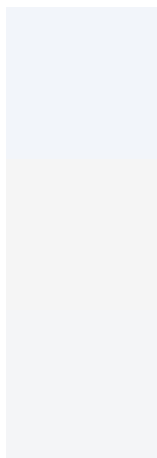
Deuteranomaly

88.2754, 90.6678, 102.4706

Tritanomaly

87.0425, 90.8479, 105.8763

Monochromacy



Original Color

86.5257, 91.0842, 103.4631

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.7491, 91.2533, 101.0372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5257, 91.0842, 103.4631 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(242, 245, 250) looks like.

```
.text, #text, p{  
    color:rgb(242, 245, 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(242, 245, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 245, 250) }
```

Border

The CSS property to change the border of an element to XYZ 86.5257, 91.0842, 103.4631 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(242, 245, 250) }
```


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

```
.border{ border-color:rgb(242, 245, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 245, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 245, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 245, 250);  
box-shadow:4px 4px 4px 4px rgb(242, 245,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5257, 91.0842, 103.4631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 245, 250) }
```

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

```
.background{ background-color: rgb(242,  
245, 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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