

Converting Colors

XYZ(86.0932, 91.0141,
103.9844)

Have a look what the booklet for
XYZ(86.0932, 91.0141, 103.9844)
contains.

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Color

**XYZ(86.0002, 90.7951,
104.2593)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F5FB
RGB	240, 245, 251
RGB Percent	94%, 96%, 98%
CMY	0.0588, 0.0392, 0.0157
CMYK	0.04, 0.02, 0.00, 0.02
HSL	213°, 58%, 96%
HSV	213°, 4%, 98%
XYZ	86.0002, 90.7951, 104.2593
YIQ	244.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

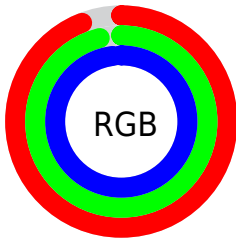
Format	Color
R_{YB}	240, 243, 251
Decimal	15791611
CIE _{Lab}	96.33, -0.56, -3.46
CIE _{LCh}	96, 3.508, 260.853
Yxy	90.7951, 0.3060, 0.3231
Android (android.graphics.Color)	4293981691 (0xFFFF0F5FB)
YUV	244.1890, 3.3578, -3.6738
Hunter-Lab	95.2865, -5.6473, 1.8274

Details

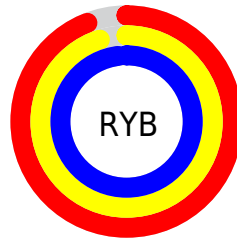
The XYZ color **86.0002, 90.7951, 104.2593** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.4679, 92.7113, 95.6719**, and the grayscale version is **86.1193, 90.6043, 98.6680**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8151, 50.5257, 58.8621** is the 20% darker color. If you saturate the color by 10%, you get **74.0748, 78.7303, 102.5605**, and if you desaturate by 10%, it is **94.4129, 99.7451, 105.5448**.

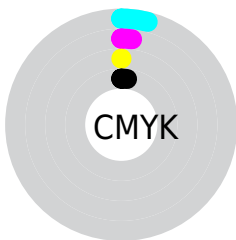
Distribution



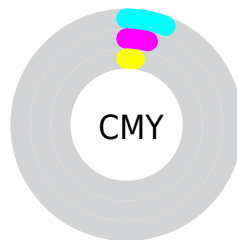
- Red (94%)
- Green (96%)
- Blue (98%)



- Red (94%)
- Yellow (95%)
- Blue (98%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.0002, 90.7951, 104.2593 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 86.0002, 90.7951, 104.2593 by changing the saturation by 10% instead.

86.0002, 90.7951,
104.2593

86.0002, 90.7951,
104.2593

503.3658,
530.6139, 595.1267

64.9934, 68.6403,
79.2258

140.6766,
148.4423, 169.1010

47.7204, 50.4188,
58.5590

175.0769,
184.7035, 209.7462

33.8159, 35.7463,
41.8406

214.6724,
226.4357, 256.4323

22.9144, 24.2383,
28.6518

259.8285,
274.0231, 309.5780

14.6507, 15.5105,
18.5743

310.9106,
327.8503, 369.6018

8.6593, 9.1784,
11.1894

368.2839,

4.5749, 4.8578,

388.3015, 436.9221

6.0786

432.3139,
455.7613, 511.9575

■ 2.0323, 2.1640,
2.8234

■ 0.6520, 0.7003,
1.0052

■ 86.0002, 90.7951,
104.2593

■ 86.0002, 90.7951,
104.2593

■ 74.0748, 78.7303,
102.5605

94.4129, 99.7451,
105.5448

■ 63.5769, 67.8435,
101.0124

■ 54.4509, 58.0985,
99.6124

■ 46.6343, 49.4526,
98.3556

■ 40.0597, 41.8603,
97.2366

■ 34.6527, 35.2718,
96.2499

■ 30.3305, 29.6327,
95.3893

■ 26.9976, 24.8813,
94.6478

■ 24.5384, 20.9450,
94.0177

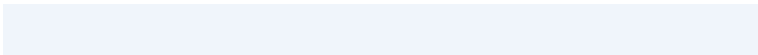
Harmonies

Analogous

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



85.1193, 90.7951, 103.0852



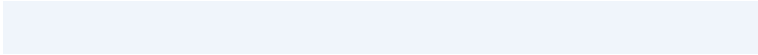
86.0002, 90.7951, 104.2593



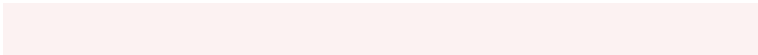
86.9674, 90.7951, 103.9658

Triad

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



86.0002, 90.7951, 104.2593



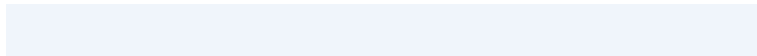
88.0627, 90.7951, 96.9605



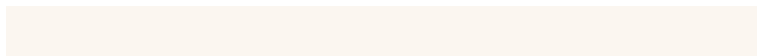
84.8515, 90.7951, 95.5078

Complementary

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



86.0002, 90.7951, 104.2593



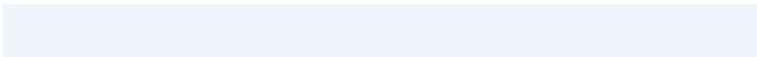
88.4679, 92.7113, 95.6719

Split Complementary

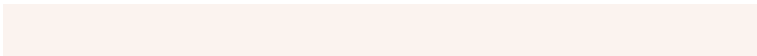
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6320, 90.7951, 93.9250



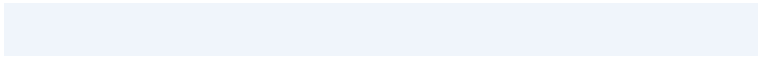
86.0002, 90.7951, 104.2593



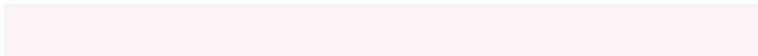
87.4876, 90.7951, 94.7527

Square

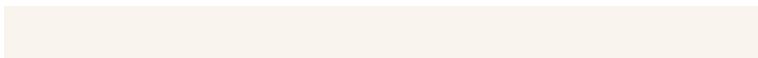
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



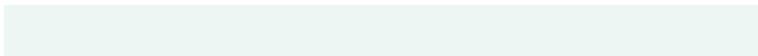
86.0002, 90.7951, 104.2593



88.1631, 90.7951, 99.7168



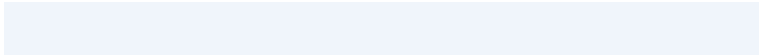
86.5965, 90.7951, 93.6512



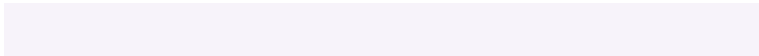
84.4594, 90.7951, 98.0090

Rectangle

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



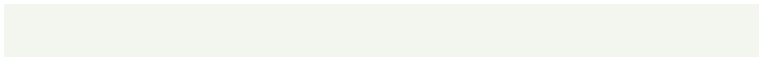
86.0002, 90.7951, 104.2593



87.5308, 90.7951, 102.9795



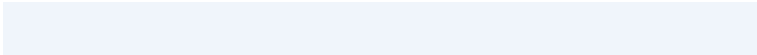
86.5965, 90.7951, 93.6512



85.0769, 90.7951, 94.8527

Sweetspot

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



86.0028, 90.7990, 104.2613



93.6762, 98.6359, 108.7091



87.0479, 94.1668, 100.6711



20.0651, 21.1265, 23.2702



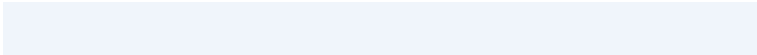
0.0000, 0.0000, 0.0000



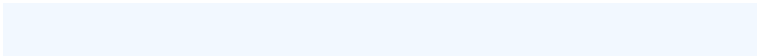
20.3446, 21.4041, 23.3091

Same Dimension

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



86.0028, 90.7990, 104.2613



88.3365, 93.3070, 107.9620



84.6340, 87.8763, 103.7693



17.9164, 18.9343, 22.0957



12.4676, 10.2908, 49.3028



1.2592, 1.1620, 4.6011

Inverse Universe

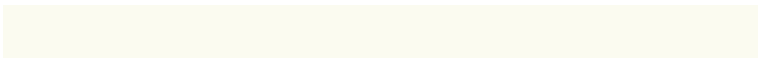
The Inverse Universe completely reimagines the original color for something new.



87.4272, 89.4238, 99.0433



90.0176, 91.6936, 101.8017



89.8785, 95.7283, 96.1799



18.3072, 18.5617, 20.6631



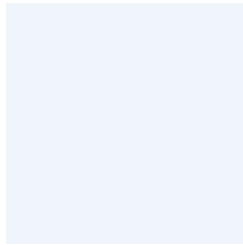
22.5851, 11.4498, 9.7895



2.1445, 1.0815, 1.1843

Previews

White Background



This preview shows how the XYZ color 86.0002, 90.7951, 104.2593 looks on a white background.

Color Contrast Check

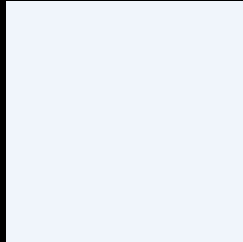
Large Text (above 18pt) WCAG AA × Fail

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 86.0002, 90.7951, 104.2593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

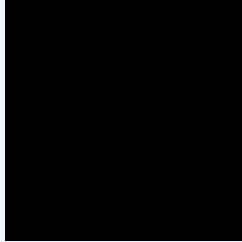
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

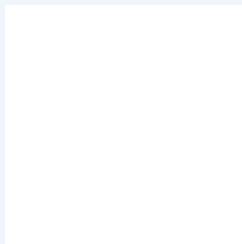
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0002, 90.7951, 104.2593

Background



This preview shows how black text looks on a background with the XYZ color 86.0002, 90.7951, 104.2593.

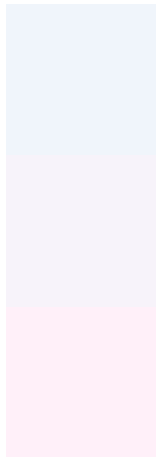


This preview shows how white text looks on a background with the XYZ color 86.0002, 90.7951,

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

86.0002, 90.7951, 104.2593

Protanopia

87.6637, 90.7775, 103.3439

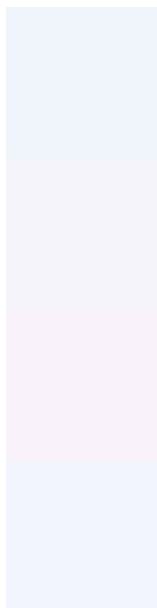
Deuteranopia

89.4990, 90.4197, 102.3582

Tritanopia

87.3628, 90.9761, 107.5634

Trichromacy



Original Color

86.0002, 90.7951, 104.2593

Protanomaly

86.9142, 90.8366, 103.3948

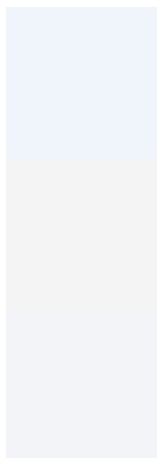
Deuteranomaly

88.4318, 90.7304, 103.2943

Tritanomaly

86.8580, 90.7344, 106.7015

Monochromacy



Original Color

86.0002, 90.7951, 104.2593

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.1013, 90.4715, 100.9204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0002, 90.7951, 104.2593 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(240, 245, 251) looks like.

```
.text, #text, p{  
    color:rgb(240, 245, 251)  
}
```

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(240, 245, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 245, 251) }
```

Border

The CSS property to change the border of an element to XYZ 86.0002, 90.7951, 104.2593 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(240, 245, 251) }
```


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

```
.border{ border-color:rgb(240, 245, 251) }
```

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

Here you see how a box with a 4 pixel rgb(240, 245, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 245, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 245, 251);  
box-shadow:4px 4px 4px 4px rgb(240, 245,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0002, 90.7951, 104.2593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 245, 251) }
```

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

```
.background{ background-color: rgb(240,  
245, 251) }
```

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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