

Converting Colors

XYZ(84.3229, 90.5215,
104.4901)

Have a look what the booklet for
XYZ(84.3229, 90.5215, 104.4901)
contains.

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Color

**XYZ(84.3000, 90.3690,
104.2667)**

Conversions

Conversions Part 1

Format	Color
Hex	EA66FB
RGB	234, 246, 251
RGB Percent	92%, 96%, 98%
CMY	0.0823, 0.0353, 0.0157
CMYK	0.07, 0.02, 0.00, 0.02
HSL	198°, 68%, 95%
HSV	198°, 7%, 98%
XYZ	84.3000, 90.3690, 104.2667
YIQ	242.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

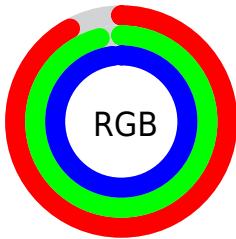
Format	Color
R_{YB}	234, 241, 251
Decimal	15398651
CIE _{Lab}	96.15, -3.01, -3.77
CIE _{LCh}	96, 4.823, 231.431
Yxy	90.3690, 0.3022, 0.3240
Android (android.graphics.Color)	4293588731 (0xFFEAF6FB)
YUV	242.9820, 3.9529, -7.8772
Hunter-Lab	95.0626, -8.0686, 1.5133

Details

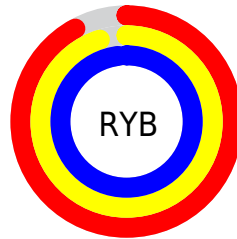
The XYZ color **84.3000, 90.3690, 104.2667** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.5017, 88.1819, 90.3576**, and the grayscale version is **85.1538, 89.5885, 97.5618**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6239, 50.2320, 58.8682** is the 20% darker color. If you saturate the color by 10%, you get **74.4375, 82.0221, 103.1768**, and if you desaturate by 10%, it is **93.8990, 98.7173, 105.3736**.

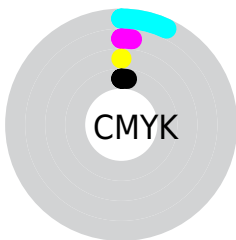
Distribution



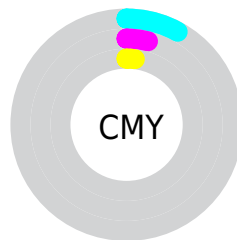
- Red (92%)
- Green (96%)
- Blue (98%)



- Red (92%)
- Yellow (95%)
- Blue (98%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (8%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3000, 90.3690, 104.2667 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 84.3000, 90.3690, 104.2667 by changing the saturation by 10% instead.

84.3000, 90.3690,
104.2667

84.3000, 90.3690,
104.2667

497.8276,
529.2305, 595.1503

63.5837, 68.2867,
79.2319

138.3138,
147.8508, 169.1112

46.5740, 50.1310,
58.5641

172.3421,
184.0192, 209.7580

32.9055, 35.5175,
41.8446

211.5384,
225.6517, 256.4458

22.2130, 24.0618,
28.6550

256.2680,
273.1328, 309.5933

14.1310, 15.3795,
18.5766

306.8964,
326.8468, 369.6190

8.2941, 9.0861,
11.1911

363.7889,

4.3371, 4.7974,

387.1782, 436.9413

6.0797

427.3108,
454.5112, 511.9789

■ 1.8946, 2.1289,
2.8240

■ 0.5737, 0.6808,
1.0055

■ 84.3000, 90.3690,
104.2667

■ 84.3000, 90.3690,
104.2667

■ 74.4375, 82.0221,
103.1768

■ 93.8990, 98.7173,
105.3736

■ 65.7791, 74.4241,
102.1666

■ 94.4129, 99.7451,
105.5449

■ 58.2740, 67.5500,
101.2353

■ 51.8648, 61.3685,
100.3800

■ 46.4888, 55.8457,
99.5973

■ 42.0765, 50.9442,
98.8838

■ 38.5493, 46.6217,
98.2353

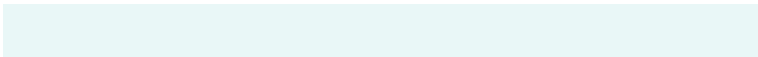
■ 35.8152, 42.8292,
97.6474

■ 33.7580, 39.5049,
97.1142

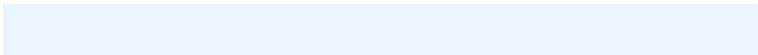
Harmonies

Analogous

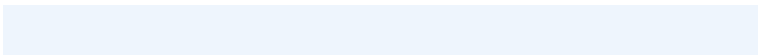
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.5218, 90.3690, 101.1116



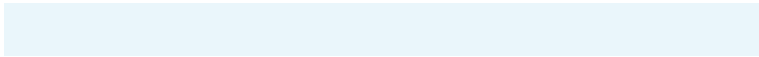
84.3000, 90.3690, 104.2667



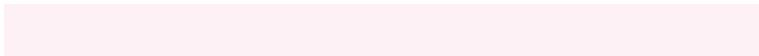
85.5105, 90.3690, 105.8588

Triad

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



84.3000, 90.3690, 104.2667



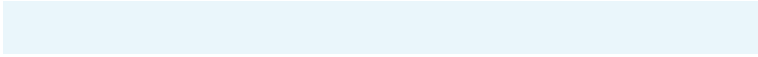
88.4606, 90.3690, 99.4977



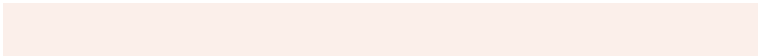
84.9570, 90.3690, 91.7001

Complementary

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



84.3000, 90.3690, 104.2667



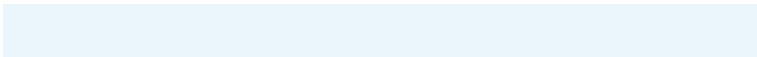
85.5017, 88.1819, 90.3576

Split Complementary

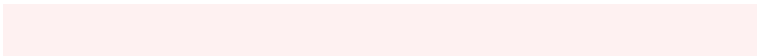
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2767, 90.3690, 91.2933



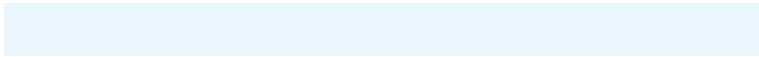
84.3000, 90.3690, 104.2667



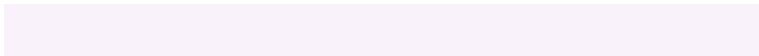
88.3087, 90.3690, 95.7304

Square

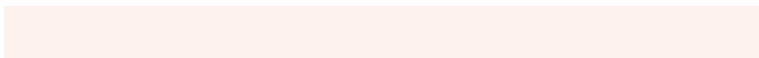
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.3000, 90.3690, 104.2667



87.9190, 90.3690, 103.0590



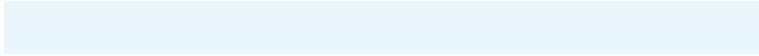
87.5060, 90.3690, 92.7508



83.8984, 90.3690, 93.8767

Rectangle

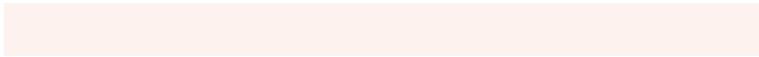
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.3000, 90.3690, 104.2667



86.4036, 90.3690, 105.7918



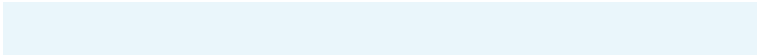
87.5060, 90.3690, 92.7508



85.3845, 90.3690, 91.3541

Sweetspot

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



84.3026, 90.3728, 104.2687



92.7222, 98.0929, 108.6546



83.9831, 92.7094, 94.9891



19.8708, 21.0160, 23.2591



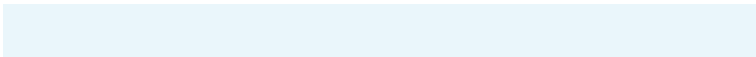
0.0000, 0.0000, 0.0000



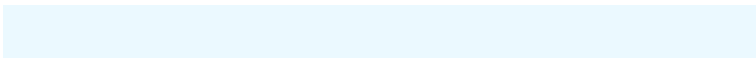
20.3446, 21.4041, 23.3091

Same Dimension

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



84.3026, 90.3728, 104.2687



86.0561, 92.5684, 107.9396



81.8280, 85.4237, 103.4438



17.3098, 18.6964, 22.0817



17.5736, 20.5028, 51.0048



1.7194, 2.0824, 4.7545

Inverse Universe

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



85.8430, 86.0104, 99.2705



87.9335, 87.2877, 101.8400



87.9940, 93.1666, 91.1884



17.7629, 17.4325, 20.6072



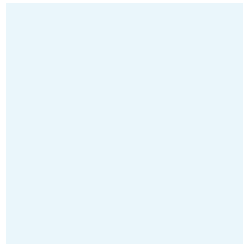
25.1624, 12.4807, 23.3613



2.3768, 1.1745, 2.4076

Previews

White Background



This preview shows how the XYZ color 84.3000, 90.3690, 104.2667 looks on a white background.

Color Contrast Check

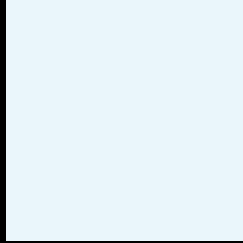
Large Text (above 18pt) WCAG AA × Fail

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 84.3000, 90.3690, 104.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

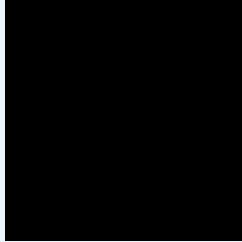
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

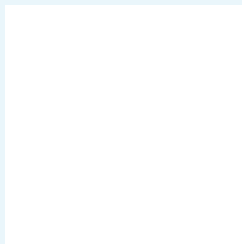
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.3000, 90.3690, 104.2667

Background



This preview shows how black text looks on a background with the XYZ color 84.3000, 90.3690, 104.2667.

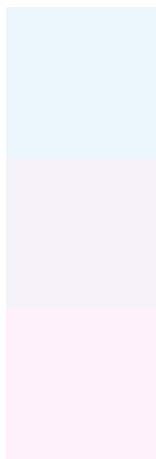


This preview shows how white text looks on a background with the XYZ color 84.3000, 90.3690,

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

84.3000, 90.3690, 104.2667

Protanopia

86.8570, 89.9366, 102.4042

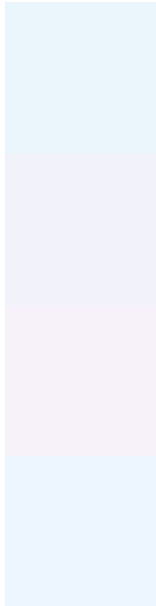
Deuteranopia

89.4990, 90.4197, 102.3582

Tritanopia

85.9973, 90.2721, 107.4995

Trichromacy



Original Color

84.3000, 90.3690, 104.2667

Protanomaly

85.9239, 89.8806, 103.2625

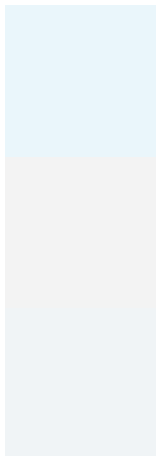
Deuteranomaly

87.3652, 90.1805, 103.2444

Tritanomaly

85.4669, 90.4651, 106.7229

Monochromacy



Original Color

84.3000, 90.3690, 104.2667

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.9204, 89.8805, 100.0617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3000, 90.3690, 104.2667 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(234, 246, 251)` looks like.

```
.text, #text, p{  
    color:rgb(234, 246, 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(234, 246, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 246, 251) }
```

Border

The CSS property to change the border of an element to XYZ 84.3000, 90.3690, 104.2667 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(234, 246, 251) }
```


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

```
.border{ border-color:rgb(234, 246, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 246, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 246, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 246, 251); box-shadow:4px 4px 4px 4px rgb(234, 246, 251) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3000, 90.3690, 104.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 246, 251) }
```

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

```
.background{ background-color: rgb(234,  
246, 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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