

Converting Colors

XYZ(84.9273, 91.7583,
104.1200)

Have a look what the booklet for
XYZ(84.9273, 91.7583, 104.1200)
contains.

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Color

**XYZ(84.9117, 91.5923,
104.4705)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFF8B
RGB	234, 248, 251
RGB Percent	92%, 97%, 98%
CMY	0.0823, 0.0274, 0.0157
CMYK	0.07, 0.01, 0.00, 0.02
HSL	191°, 68%, 95%
HSV	191°, 7%, 98%
XYZ	84.9117, 91.5923, 104.4705
YIQ	244.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

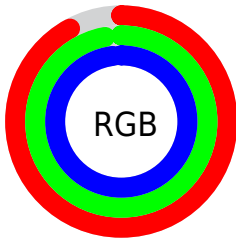
Format	Color
R _Y B	234, 242, 251
Decimal	15399163
CIE Lab	96.65, -4.02, -3.03
CIE LCh	97, 5.034, 217.019
Yxy	91.5923, 0.3022, 0.3260
Android (android.graphics.Color)	4293589243 (0xFFEAF8FB)
YUV	244.1560, 3.3741, -8.9068
Hunter-Lab	95.7039, -9.1105, 2.2716

Details

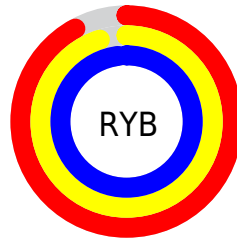
The XYZ color **84.9117, 91.5923, 104.4705** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.9194, 87.0174, 90.1637**, and the grayscale version is **86.0953, 90.5790, 98.6405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0601, 51.1044, 59.0136** is the 20% darker color. If you saturate the color by 10%, you get **75.9046, 84.9562, 103.6657**, and if you desaturate by 10%, it is **93.5982, 98.1159, 105.2733**.

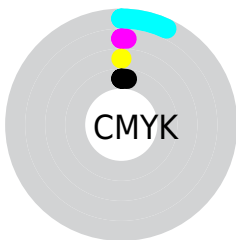
Distribution



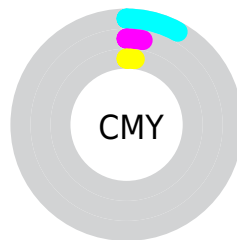
- Red (92%)
- Green (97%)
- Blue (98%)



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



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (8%)
- Magenta (3%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.9117, 91.5923, 104.4705 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 84.9117, 91.5923, 104.4705 by changing the saturation by 10% instead.

84.9117, 91.5923,
104.4705

84.9117, 91.5923,
104.4705

499.8239,
533.1970, 595.8010

64.0907, 69.3020,
79.4016

139.1645,
149.5482, 169.3925

46.9861, 50.9577,
58.7028

173.3269,
185.9826, 210.0827

33.2325, 36.1750,
41.9555

212.6672,
227.9006, 256.8171

22.4647, 24.5694,
28.7411

257.5507,
275.6865, 310.0143

14.3173, 15.7565,
18.6412

308.3428,
329.7247, 370.0927

8.4249, 9.3520,
11.2371

365.4088,

4.4221, 4.9715,

390.3996, 437.4709

6.1104

429.1140,
458.0956, 512.5675

■ 1.9436, 2.2305,
2.8424

■ 0.6020, 0.7366,
1.0148

■ 84.9117, 91.5923,
104.4705

■ 84.9117, 91.5923,
104.4705

■ 75.9046, 84.9562,
103.6657

■ 93.5982, 98.1159,
105.2733

■ 68.0454, 78.9568,
102.9220

■ 94.4128, 99.7451,
105.5448

■ 61.2842, 73.5704,
102.2386

■ 55.5644, 68.7677,
101.6131

■ 50.8241, 64.5163,
101.0423

■ 46.9947, 60.7805,
100.5231

■ 43.9985, 57.5201,
100.0517

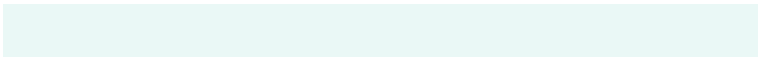
■ 41.7443, 54.6875,
99.6237

■ 40.1171, 52.2232,
99.2338

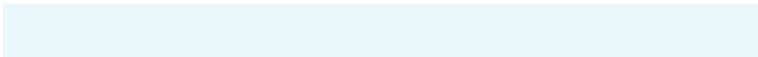
Harmonies

Analogous

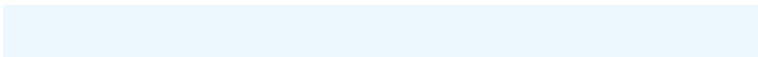
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3959, 91.5923, 100.6790



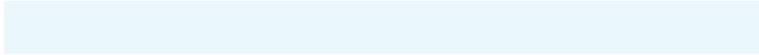
84.9117, 91.5923, 104.4705



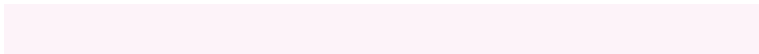
86.0029, 91.5923, 107.0392

Triad

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



84.9117, 91.5923, 104.4705



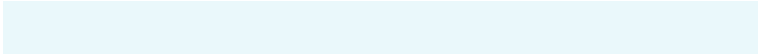
89.5724, 91.5923, 102.7867



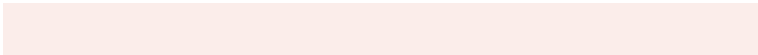
86.7253, 91.5923, 92.2284

Complementary

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



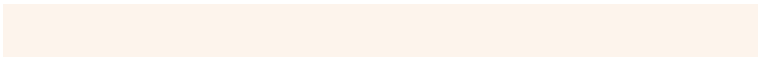
84.9117, 91.5923, 104.4705



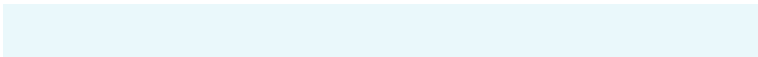
84.9194, 87.0174, 90.1637

Split Complementary

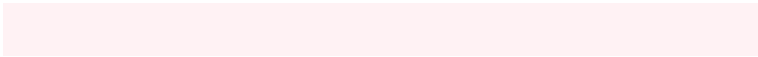
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1172, 91.5923, 92.7584



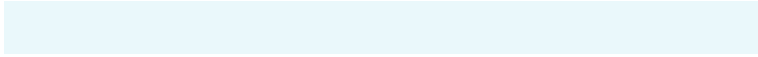
84.9117, 91.5923, 104.4705



89.7708, 91.5923, 98.7839

Square

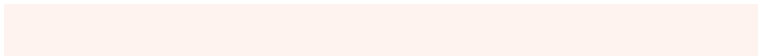
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.9117, 91.5923, 104.4705



88.6961, 91.5923, 106.0489



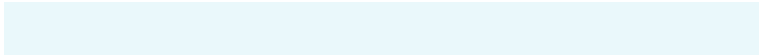
89.2356, 91.5923, 95.1321



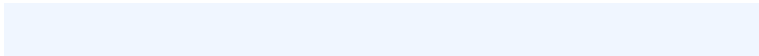
85.4357, 91.5923, 93.6642

Rectangle

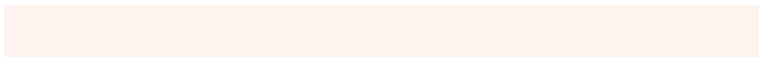
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.9117, 91.5923, 104.4705



86.9150, 91.5923, 107.6746



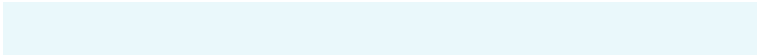
89.2356, 91.5923, 95.1321



87.1966, 91.5923, 92.1832

Sweetspot

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



84.9143, 91.5962, 104.4725



92.9124, 98.4734, 108.7180



83.6920, 92.5930, 93.4558



19.9095, 21.0934, 23.2720



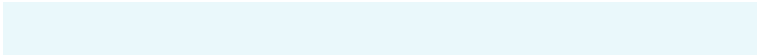
0.0000, 0.0000, 0.0000



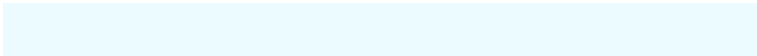
20.3446, 21.4041, 23.3091

Same Dimension

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



84.9143, 91.5962, 104.4725



86.8028, 94.0616, 108.1885



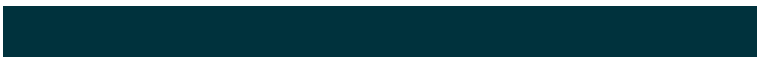
82.4078, 86.5831, 103.6370



17.4903, 19.0575, 22.1419



20.9481, 27.2517, 52.1296



2.0061, 2.6559, 4.8501

Inverse Universe

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



86.1518, 86.1340, 100.8964



88.3104, 87.4385, 103.8245



87.3897, 91.9579, 90.9871



17.8540, 17.4690, 21.0871



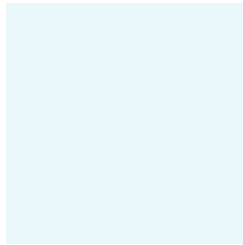
26.8656, 13.1620, 32.3305



2.5215, 1.2323, 3.1696

Previews

White Background



This preview shows how the XYZ color 84.9117, 91.5923, 104.4705 looks on a white background.

Color Contrast Check

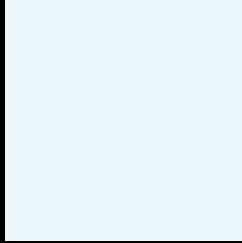
Large Text (above 18pt) WCAG AA × Fail

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 84.9117, 91.5923, 104.4705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

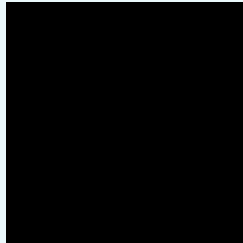
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

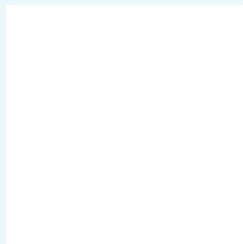
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.9117, 91.5923, 104.4705

Background



This preview shows how black text looks on a background with the XYZ color 84.9117, 91.5923, 104.4705.



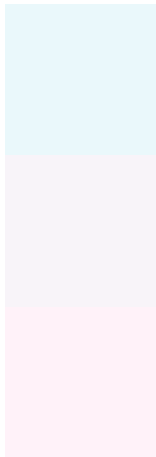
This preview shows how white text looks on a background with the XYZ color 84.9117, 91.5923,

104.4705.

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

84.9117, 91.5923, 104.4705

Protanopia

88.1610, 91.4974, 102.6367

Deuteranopia

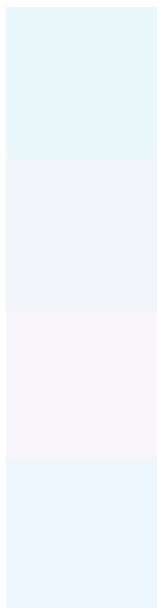
90.0910, 91.6038, 102.5555



Tritanopia

86.9780, 91.2256, 107.6318

Trichromacy



Original Color

84.9117, 91.5923, 104.4705

Protanomaly

86.8699, 91.2616, 103.4792

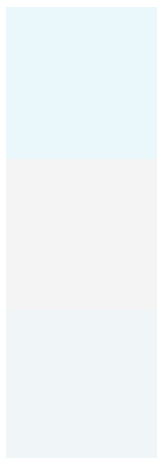
Deuteranomaly

87.9638, 91.3777, 103.4439

Tritanomaly

86.1051, 91.2444, 106.8396

Monochromacy



Original Color

84.9117, 91.5923, 104.4705

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.3761, 90.5455, 100.9729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9117, 91.5923, 104.4705 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, 248, 251)` looks like.

```
.text, #text, p{  
    color:rgb(234, 248, 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, 248, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 248, 251) }
```

Border

The CSS property to change the border of an element to XYZ 84.9117, 91.5923, 104.4705 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, 248, 251) }
```


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

```
.border{ border-color:rgb(234, 248, 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, 248, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 248, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 248, 251);  
box-shadow:4px 4px 4px 4px rgb(234, 248,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9117, 91.5923, 104.4705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 248, 251) }
```

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

```
.background{ background-color: rgb(234,  
248, 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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