

Converting Colors

XYZ(88.8358, 95.4563,
105.0067)

Have a look what the booklet for
XYZ(88.8358, 95.4563, 105.0067)
contains.

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Color

**XYZ(88.8409, 95.4631,
105.0106)**

Conversions

Conversions Part 1	
Format	Color
Hex	F2FCFB
RGB	242, 252, 251
RGB Percent	95%, 99%, 98%
CMY	0.0510, 0.0117, 0.0157
CMYK	0.04, 0.00, 0.00, 0.01
HSL	174°, 63%, 97%
HSV	174°, 4%, 99%
XYZ	88.8409, 95.4631, 105.0106
YIQ	248.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

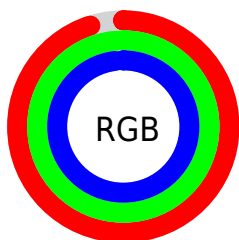
Format	Color
RYB	242, 247, 252
Decimal	15924475
CIELab	98.22, -3.45, -0.67
CIELCh	98, 3.514, 191.022
Yxy	95.4631, 0.3071, 0.3300
Android (android.graphics.Color)	4294114555 (0xFFFF2FCFB)
YUV	248.8960, 1.0373, -6.0478
Hunter-Lab	97.7052, -8.6786, 4.6706

Details

The XYZ color 88.8409, 95.4631, 105.0106 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.0781, 90.6732, 97.6580, and the grayscale version is 89.9545, 94.6392, 103.0621.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6151, 53.4094, 59.3238 is the 20% darker color. If you saturate the color by 10%, you get 80.3851, 91.1524, 102.5492, and if you desaturate by 10%, it is 93.8666, 98.0102, 107.3433.

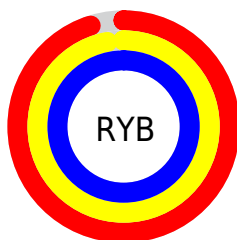
Distribution



Red (95%)

Green (99%)

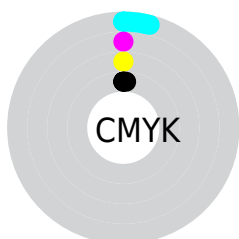
Blue (98%)



Red (95%)

Yellow (97%)

Blue (99%)

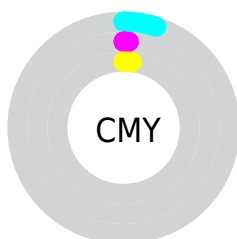


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (1%)



Cyan (5%)

Magenta (1%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.8409, 95.4631, 105.0106 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 88.8409, 95.4631, 105.0106 by changing the saturation by 10% instead.


 88.8409, 95.4631,
105.0106

 88.8409, 95.4631,
105.0106


512.5474,
545.6465, 597.5238

 67.3528, 72.5205,
79.8515


144.6139,
154.9042, 170.1377

 49.6431, 53.5840,
59.0707


179.6294,
192.1715, 210.9429

 35.3466, 38.2691,
42.2497


219.8848,
234.9825, 257.8004

 24.0977, 26.1916,
28.9698

265.7455,
283.7216, 311.1290

 15.5313, 16.9671,
18.8126

317.5767,
338.7731, 371.3471

 9.2818, 10.2110,
11.3595

375.7439,


 4.9840, 5.5391,


400.5215, 438.8732


6.1920


440.6123,
469.3512, 514.1259


 2.2726, 2.5669,
2.8915


 0.7806, 0.9101,
1.0395


 88.8409, 95.4631,
105.0106


 88.8409, 95.4631,
105.0106


 80.3851, 91.1524,
102.5492

 93.8666, 98.0102,
107.3433

 73.0753, 87.4292,
100.1671

 94.1022, 98.1045,
108.5841

 66.8623, 84.2709,
97.8640

 61.6906, 81.6487,
95.6371

57.4994, 79.5314,
93.4834

54.2218, 77.8844,
91.3998

51.7824, 76.6690,
89.3826

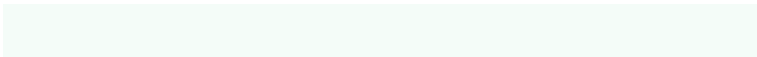
50.0938, 75.8400,
87.4276

49.0491, 75.3424,
85.5296

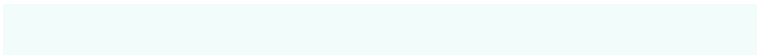
Harmonies

Analogous

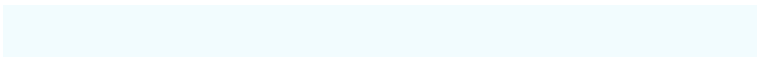
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9097, 95.4631, 102.1438



88.8409, 95.4631, 105.0106



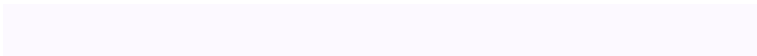
89.2767, 95.4631, 107.6385

Triad

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



88.8409, 95.4631, 105.0106



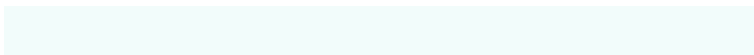
92.0161, 95.4631, 108.1983



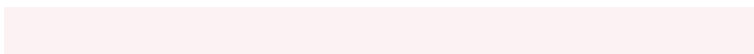
91.3682, 95.4631, 98.7690

Complementary

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



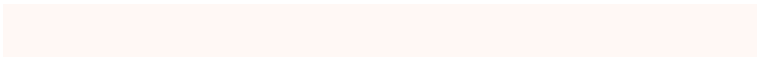
88.8409, 95.4631, 105.0106



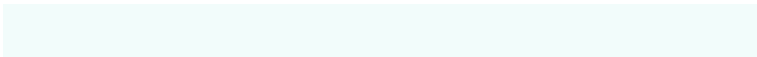
88.0781, 90.6732, 97.6580

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.



92.2087, 95.4631, 100.3333



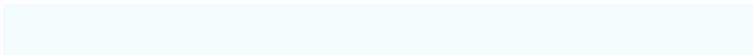
88.8409, 95.4631, 105.0106



92.5847, 95.4631, 105.7634

Square

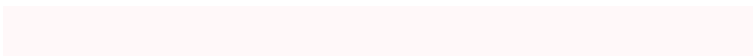
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



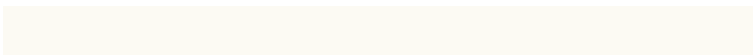
88.8409, 95.4631, 105.0106



91.1068, 95.4631, 109.5015



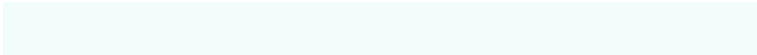
92.6555, 95.4631, 102.8828



90.3638, 95.4631, 98.5760

Rectangle

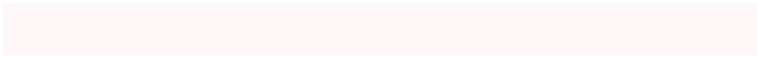
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



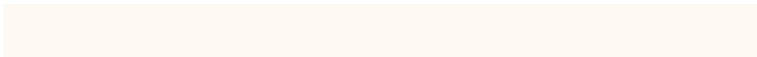
88.8409, 95.4631, 105.0106



89.7967, 95.4631, 108.8876



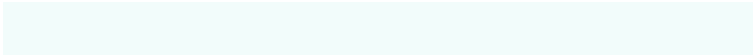
92.6555, 95.4631, 102.8828



91.6795, 95.4631, 99.1505

Sweetspot

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



88.8436, 95.4672, 105.0127



94.0769, 99.5031, 108.6395



87.8599, 95.1201, 97.7350



20.1466, 21.3030, 23.2561



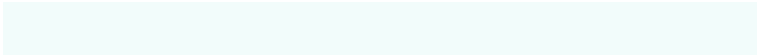
0.0000, 0.0000, 0.0000



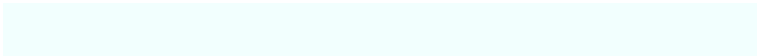
20.3446, 21.4041, 23.3091

Same Dimension

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



88.8436, 95.4672, 105.0127



90.3084, 97.5794, 107.6062



87.8101, 93.1461, 105.4512



18.3750, 19.9282, 22.0124



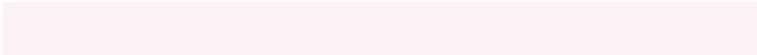
25.3662, 39.1595, 44.1333



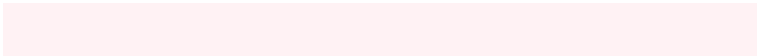
2.3704, 3.6353, 4.1984

Inverse Universe

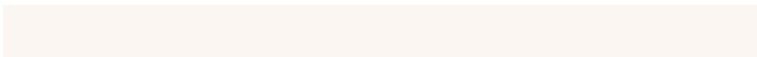
The Inverse Universe completely reimagines the original color for something new.



88.0781, 90.6732, 97.6580



89.3244, 91.4163, 98.1512



89.0803, 92.9196, 97.2459



18.1466, 18.4975, 19.8176



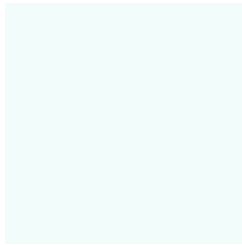
21.0289, 10.8273, 1.5949



1.9705, 1.0119, 0.2679

Previews

White Background



This preview shows how the XYZ color 88.8409, 95.4631, 105.0106 looks on a white background.

Color Contrast Check

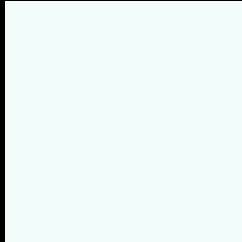
Large Text (above 18pt) WCAG AA × Fail

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 88.8409, 95.4631, 105.0106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

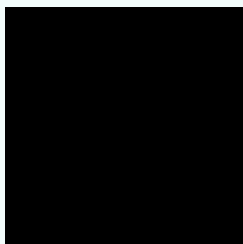
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.8409, 95.4631, 105.0106

Background



This preview shows how black text looks on a background with the XYZ color 88.8409, 95.4631, 105.0106.

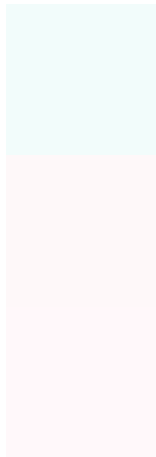


This preview shows how white text looks on a background with the XYZ color 88.8409, 95.4631, 105.0106.

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

88.8409, 95.4631, 105.0106

Protanopia

91.5393, 95.0452, 103.1434

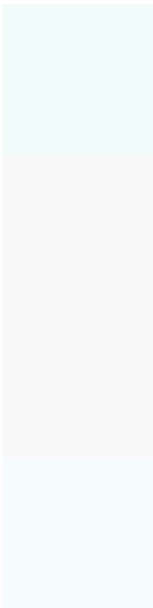
Deuteranopia

92.0627, 95.2969, 103.9844

Tritanopia

90.9470, 95.5477, 108.2569

Trichromacy



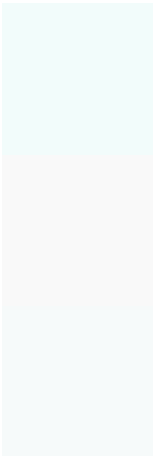
Original Color
88.8409, 95.4631, 105.0106

Protanomaly
90.5553, 94.9775, 104.0022

Deuteranomaly
90.5553, 94.9775, 104.0022

Tritanomaly
90.3926, 95.7429, 107.4820

Monochromacy



Original Color
88.8409, 95.4631, 105.0106

Achromatopsia
90.0415, 94.7307, 103.1617

Achromatomaly
89.4470, 94.8662, 104.0391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.8409, 95.4631, 105.0106 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, 252, 251) looks like.

```
.text, #text, p{  
    color:rgb(242, 252, 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(242, 252, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 252, 251) }
```

Border

The CSS property to change the border of an element to XYZ 88.8409, 95.4631, 105.0106 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, 252, 251) }
```


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

```
.border{ border-color:rgb(242, 252, 251) }
```

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

Here you see how a box with a 4 pixel rgb(242, 252, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 252, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 252, 251);  
box-shadow:4px 4px 4px 4px rgb(242, 252,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 88.8409, 95.4631, 105.0106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 252, 251) }
```

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

```
.background{ background-color: rgb(242,  
252, 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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