

Converting Colors

XYZ(89.5860, 95.2428,
102.0279)

Have a look what the booklet for
XYZ(89.5860, 95.2428, 102.0279)
contains.

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Color

**XYZ(89.6435, 95.4839,
101.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FBF7
RGB	247, 251, 247
RGB Percent	97%, 98%, 97%
CMY	0.0314, 0.0157, 0.0314
CMYK	0.02, 0.00, 0.02, 0.02
HSL	120°, 33%, 98%
HSV	120°, 2%, 98%
XYZ	89.6435, 95.4839, 101.7012
YIQ	249.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

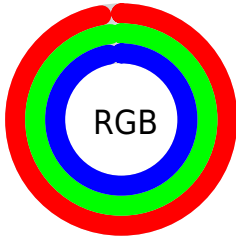
Format	Color
R _Y B	247, 251, 251
Decimal	16251895
CIE Lab	98.23, -2.02, 1.44
CIE LCh	98, 2.479, 144.475
Yxy	95.4839, 0.3125, 0.3329
Android (android.graphics.Color)	4294441975 (0xFF7FBF7)
YUV	249.3480, -1.1576, -2.0592
Hunter-Lab	97.7159, -7.2487, 6.6930

Details

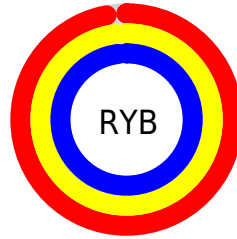
The XYZ color 89.6435, 95.4839, 101.7012 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.4605, 93.9983, 104.6473, and the grayscale version is 90.3410, 95.0457, 103.5048.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.4049, 53.8682, 57.0312 is the 20% darker color. If you saturate the color by 10%, you get 77.7647, 89.7807, 82.2686, and if you desaturate by 10%, it is 93.7890, 97.4780, 108.4797.

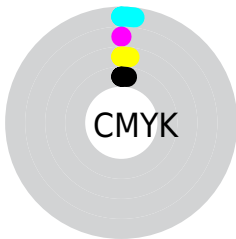
Distribution



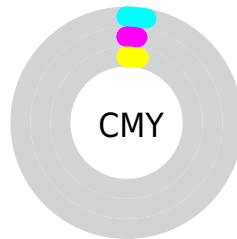
- Red (97%)
- Green (98%)
- Blue (97%)



- Red (97%)
- Yellow (98%)
- Blue (98%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.6435, 95.4839, 101.7012 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 89.6435, 95.4839, 101.7012 by changing the saturation by 10% instead.

89.6435, 95.4839,
101.7012

89.6435, 95.4839,
101.7012

515.1257,
545.7130, 586.9264

68.0203, 72.5378,
77.0973

145.7240,
154.9330, 165.5653

50.1880, 53.5981,
56.8207

180.9119,
192.2047, 205.6625

35.7812, 38.2805,
40.4529

221.3522,
235.0204, 251.7612

24.4346, 26.2004,
27.5753

267.4102,
283.7646, 304.2800

15.7828, 16.9736,
17.7696

319.4511,
338.8215, 363.6374

9.4604, 10.2157,
10.6169

377.8405,

5.1022, 5.5422,

400.5756, 430.2519

5.6990

442.9435,
469.4113, 504.5420

■ 2.3427, 2.5688,
2.5971

■ 0.8164, 0.9110,
0.8910

■ 89.6435, 95.4839,
101.7012

■ 89.6435, 95.4839,
101.7012

■ 77.7647, 89.7807,
82.2686

■ 93.7890, 97.4780,
108.4797

■ 67.5282, 84.8636,
65.5248

■ 58.8644, 80.7020,
51.3534

■ 51.6953, 77.2583,
39.6270

■ 45.9365, 74.4920,
30.2073

■ 41.4949, 72.3585,
22.9423

■ 38.2666, 70.8078,
17.6619

■ 36.1318, 69.7823,
14.1702

■ 34.9467, 69.2130,
12.2317

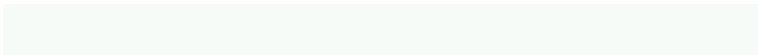
Harmonies

Analogous

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



90.1878, 95.4839, 100.4334



89.6435, 95.4839, 101.7012



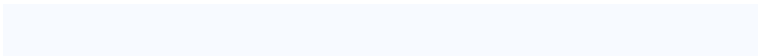
89.3970, 95.4839, 103.5882

Triad

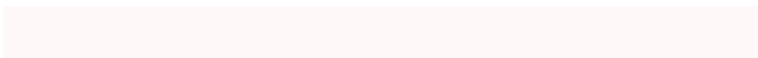
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.6435, 95.4839, 101.7012



90.6227, 95.4839, 107.9226



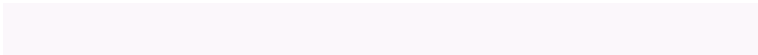
92.0079, 95.4839, 102.3477

Complementary

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



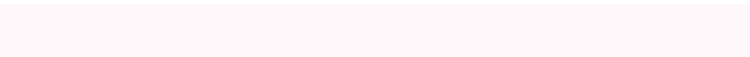
89.6435, 95.4839, 101.7012



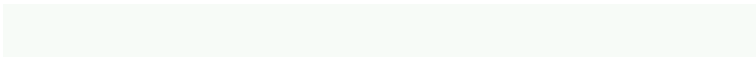
90.4605, 93.9983, 104.6473

Split Complementary

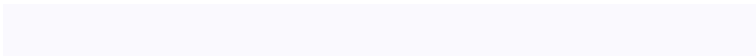
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1259, 95.4839, 104.3442



89.6435, 95.4839, 101.7012



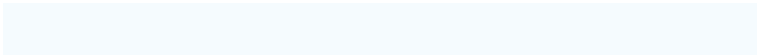
91.3237, 95.4839, 107.5799

Square

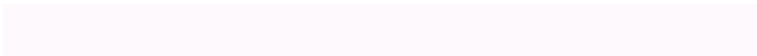
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



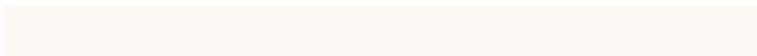
89.6435, 95.4839, 101.7012



89.9604, 95.4839, 107.1937



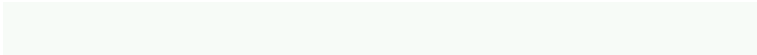
91.8748, 95.4839, 106.2636



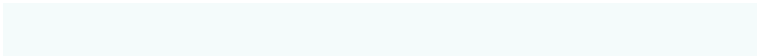
91.5534, 95.4839, 100.8032

Rectangle

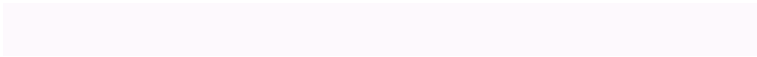
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



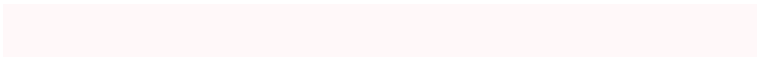
89.6435, 95.4839, 101.7012



89.4337, 95.4839, 104.9501



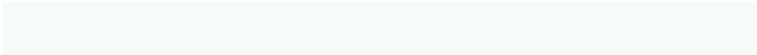
91.8748, 95.4839, 106.2636



92.0884, 95.4839, 102.9875

Sweetspot

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



89.6462, 95.4880, 101.7033

95.0500, 100.0000, 108.9000



91.0527, 96.1821, 101.7631



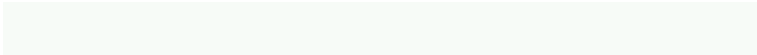
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

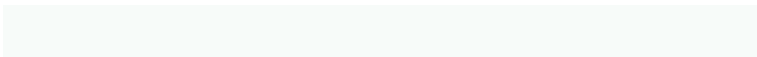
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.6462, 95.4880, 101.7033



92.3882, 98.7214, 104.5460



89.9465, 95.6081, 103.2846



18.9582, 20.2415, 21.4670



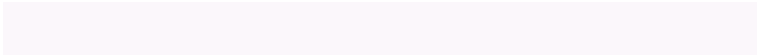
18.1332, 36.2663, 6.0444



1.6795, 3.3589, 0.5598

Inverse Universe

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



90.4605, 93.9983, 104.6473



93.4445, 96.7891, 108.3648



90.1570, 93.8769, 103.0485



19.1637, 19.8657, 22.2097



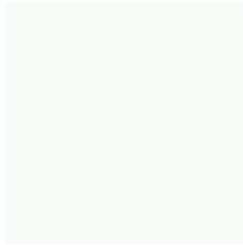
30.0639, 14.4412, 49.1764



2.7844, 1.3375, 4.5546

Previews

White Background



This preview shows how the XYZ color 89.6435, 95.4839, 101.7012 looks on a white background.

Color Contrast Check

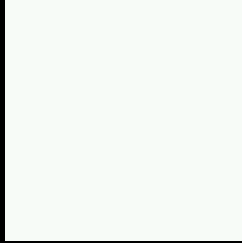
Large Text (above 18pt) WCAG AA × Fail

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 89.6435, 95.4839, 101.7012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

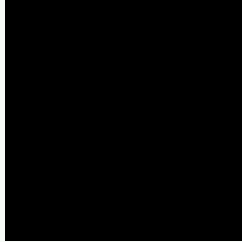
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

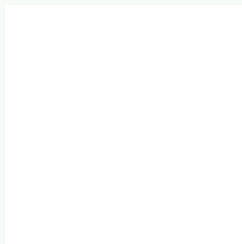
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.6435, 95.4839, 101.7012

Background



This preview shows how black text looks on a background with the XYZ color 89.6435, 95.4839, 101.7012.

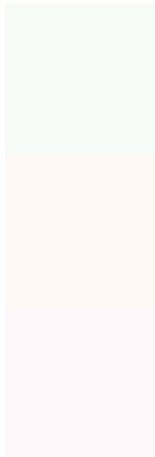


This preview shows how white text looks on a background with the XYZ color 89.6435, 95.4839,

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

89.6435, 95.4839, 101.7012

Protanopia

91.7502, 95.6652, 100.8182

Deuteranopia

92.0627, 95.2969, 103.9844

Tritanopia

91.3500, 95.2954, 108.1869

Trichromacy

Original Color

89.6435, 95.4839, 101.7012

Protanomaly

90.9650, 95.7205, 100.8703

Deuteranomaly

91.1194, 95.2864, 103.2121

Tritanomaly

90.8232, 95.5392, 105.7495

Monochromacy

Original Color

89.6435, 95.4839, 101.7012

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.8403, 95.1050, 102.4289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.6435, 95.4839, 101.7012 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(247, 251, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 251, 247)  
}
```

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(247, 251, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 251, 247) }
```

Border

The CSS property to change the border of an element to XYZ 89.6435, 95.4839, 101.7012 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(247, 251, 247) }
```

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

```
.border{ border-color:rgb(247, 251, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 251, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 251, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 251, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 251,  
247) }
```


Background

The CSS property to change the background color of an element to XYZ 89.6435, 95.4839, 101.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 251, 247) }
```

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

```
.background{ background-color: rgb(247,  
251, 247) }
```

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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