

Converting Colors

XYZ(89.4334, 95.1757,
101.1057)

Have a look what the booklet for
XYZ(89.4334, 95.1757, 101.1057)
contains.

XYZ(89.4895, 95.4223, 100.8905)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(89.4895, 95.4223,
100.8905)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FBF6
RGB	247, 251, 246
RGB Percent	97%, 98%, 96%
CMY	0.0314, 0.0157, 0.0353
CMYK	0.02, 0.00, 0.02, 0.02
HSL	108°, 39%, 97%
HSV	108°, 2%, 98%
XYZ	89.4895, 95.4223, 100.8905
YIQ	249.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

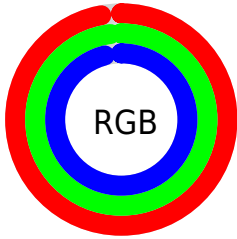
Format	Color
R_{YB}	246, 251, 250
Decimal	16251894
CIE _{Lab}	98.20, -2.19, 1.92
CIE _{LCh}	98, 2.914, 138.808
Yxy	95.4223, 0.3131, 0.3339
Android (android.graphics.Color)	4294441974 (0xFFFF7FBF6)
YUV	249.2340, -1.5944, -1.9592
Hunter-Lab	97.6843, -7.4221, 7.1430

Details

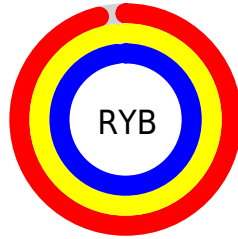
The XYZ color 89.4895, 95.4223, 100.8905 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.7963, 93.2031, 104.5288, and the grayscale version is 90.2504, 94.9505, 103.4011.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.2952, 53.8243, 56.4535 is the 20% darker color. If you saturate the color by 10%, you get 79.1893, 90.5305, 81.6380, and if you desaturate by 10%, it is 93.7890, 97.4780, 108.4797.

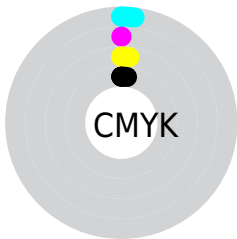
Distribution



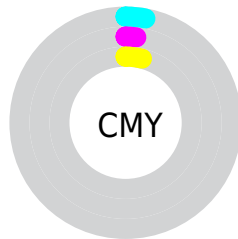
- Red (97%)
- Green (98%)
- Blue (96%)



- Red (96%)
- Yellow (98%)
- Blue (98%)



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





- Cyan (3%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.4895, 95.4223, 100.8905 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 89.4895, 95.4223, 100.8905 by changing the saturation by 10% instead.


 89.4895, 95.4223,
100.8905

 89.4895, 95.4223,
100.8905


514.6315,
545.5160, 584.3150

 67.8922, 72.4865,
76.4234


145.5110,
154.8479, 164.4429

 50.0834, 53.5562,
56.2710


180.6660,
192.1065, 204.3654

 35.6977, 38.2470,
40.0148


221.0709,
234.9081, 250.2767

 24.3699, 26.1744,
27.2362

267.0910,
283.6372, 302.5954

 15.7344, 16.9542,
17.5167

319.0918,
338.6782, 361.7400

 9.4261, 10.2018,
10.4377

377.4386,

 5.0795, 5.5330,

400.4154, 428.1291

5.5808

442.4967,
469.2332, 502.1813

■ 2.3292, 2.5632,
2.5272

■ 0.8095, 0.9082,
0.8545

■ 89.4895, 95.4223,
100.8905

■ 89.4895, 95.4223,
100.8905

■ 79.1893, 90.5305,
81.6380

■ 93.7890, 97.4780,
108.4797

■ 70.1252, 86.2156,
65.0509

■ 62.2527, 82.4597,
51.0136

■ 55.5212, 79.2396,
39.3995

■ 49.8764, 76.5302,
30.0715

■ 45.2596, 74.3046,
22.8784

■ 41.6062, 72.5331,
17.6512

■ 38.8439, 71.1827,
14.1949

■ 36.8889, 70.2154,
12.2750

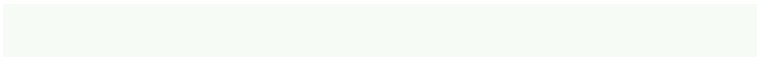
Harmonies

Analogous

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



90.1778, 95.4223, 99.5934



89.4895, 95.4223, 100.8905



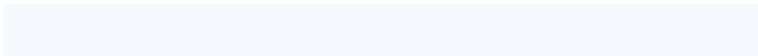
89.1253, 95.4223, 103.0060

Triad

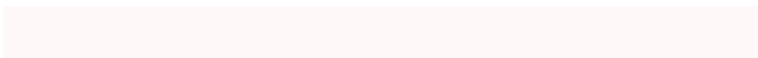
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.4895, 95.4223, 100.8905



90.3838, 95.4223, 108.4893



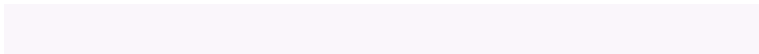
92.2291, 95.4223, 102.4187

Complementary

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



89.4895, 95.4223, 100.8905



89.7963, 93.2031, 104.5288

Split Complementary

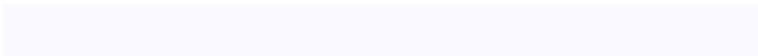
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2851, 95.4223, 104.7965



89.4895, 95.4223, 100.8905



91.2162, 95.4223, 108.3262

Square

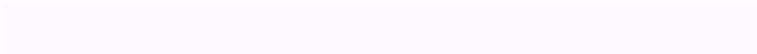
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



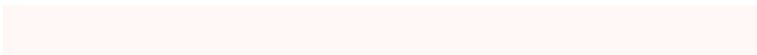
89.4895, 95.4223, 100.8905



89.6395, 95.4223, 107.4083



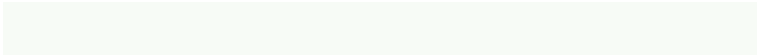
91.9134, 95.4223, 106.9660



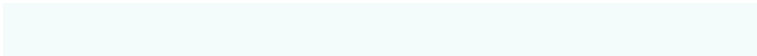
91.7608, 95.4223, 100.4663

Rectangle

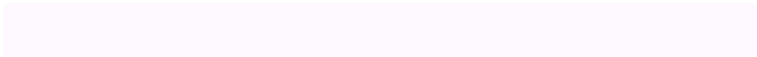
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



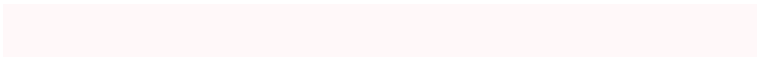
89.4895, 95.4223, 100.8905



89.1138, 95.4223, 104.6065



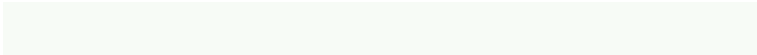
91.9134, 95.4223, 106.9660



92.2969, 95.4223, 103.1940

Sweetspot

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



89.4922, 95.4264, 100.8926



93.8954, 99.4519, 106.7171



90.6078, 95.5386, 100.8554



20.1097, 21.2926, 22.8649



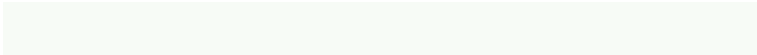
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

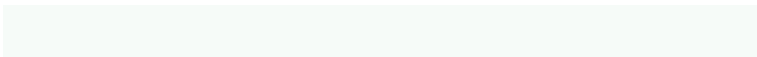
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4922, 95.4264, 100.8926



92.7542, 98.9101, 104.5632



89.3719, 95.3377, 102.0948



19.0294, 20.2782, 21.4703



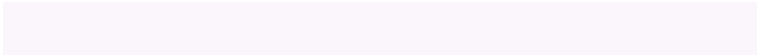
18.9217, 36.6728, 6.0813



1.8343, 3.4387, 0.5671

Inverse Universe

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



89.7963, 93.2031, 104.5288



93.0706, 96.5963, 108.3473



89.9198, 93.2940, 103.3040



19.0910, 19.8282, 22.2063



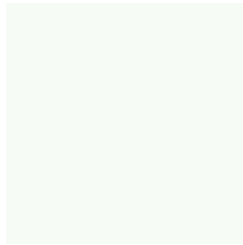
21.9142, 10.2398, 48.7950



2.1129, 0.9913, 4.5232

Previews

White Background



This preview shows how the XYZ color 89.4895, 95.4223, 100.8905 looks on a white background.

Color Contrast Check

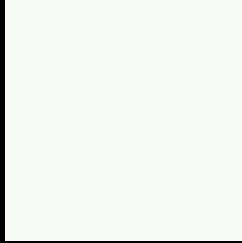
Large Text (above 18pt) WCAG AA × Fail

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 89.4895, 95.4223, 100.8905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

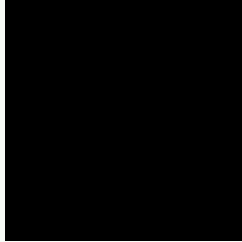
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

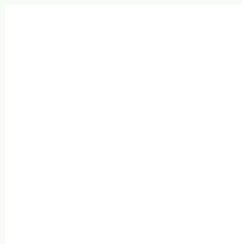
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.4895, 95.4223, 100.8905

Background



This preview shows how black text looks on a background with the XYZ color 89.4895, 95.4223, 100.8905.



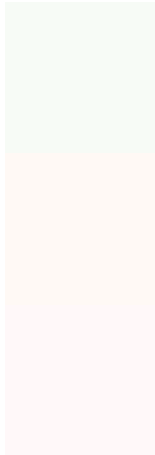
This preview shows how white text looks on a background with the XYZ color 89.4895, 95.4223,

100.8905.

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

89.4895, 95.4223, 100.8905

Protanopia

91.5971, 95.6039, 100.0119

Deuteranopia

91.9063, 95.2344, 103.1606

Tritanopia

91.3500, 95.2954, 108.1869

Trichromacy



Original Color

89.4895, 95.4223, 100.8905

Protanomaly

90.8119, 95.6592, 100.0640

Deuteranomaly

90.9638, 95.2241, 102.3927

Tritanomaly

90.8232, 95.5392, 105.7495

Monochromacy



Original Color

89.4895, 95.4223, 100.8905

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 89.4895, 95.4223, 100.8905 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, 246) looks like.

```
.text, #text, p{  
    color:rgb(247, 251, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 251, 246) }
```

Border

The CSS property to change the border of an element to XYZ 89.4895, 95.4223, 100.8905 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, 246) }
```


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

```
.border{ border-color:rgb(247, 251, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 251, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 251, 246);  
box-shadow:4px 4px 4px 4px rgb(247, 251,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 89.4895, 95.4223, 100.8905 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, 246) }
```

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

```
.background{ background-color: rgb(247,  
251, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor