

Converting Colors

XYZ(89.2843, 95.2469,
101.0850)

Have a look what the booklet for
XYZ(89.2843, 95.2469, 101.0850)
contains.

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Color

**XYZ(89.1378, 95.2410,
100.8741)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FBF6
RGB	246, 251, 246
RGB Percent	96%, 98%, 96%
CMY	0.0353, 0.0157, 0.0353
CMYK	0.02, 0.00, 0.02, 0.02
HSL	120°, 39%, 97%
HSV	120°, 2%, 98%
XYZ	89.1378, 95.2410, 100.8741
YIQ	248.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

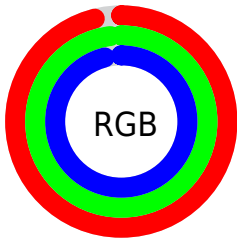
Format	Color
R _Y B	246, 251, 251
Decimal	16186358
CIE Lab	98.13, -2.52, 1.80
CIE LCh	98, 3.102, 144.429
Yxy	95.2410, 0.3125, 0.3339
Android (android.graphics.Color)	4294376438 (0xFF6FBF6)
YUV	248.9350, -1.4470, -2.5740
Hunter-Lab	97.5915, -7.7474, 7.0298

Details

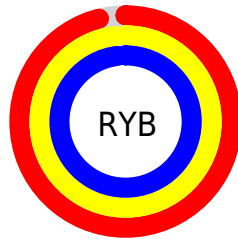
The XYZ color 89.1378, 95.2410, 100.8741 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.1556, 93.3883, 104.5456, and the grayscale version is 90.0038, 94.6910, 103.1185.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.0446, 53.6951, 56.4418 is the 20% darker color. If you saturate the color by 10%, you get 77.3258, 89.5699, 81.5512, and if you desaturate by 10%, it is 93.7890, 97.4780, 108.4797.

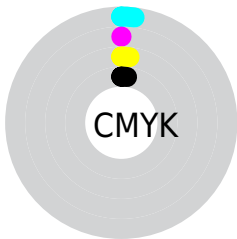
Distribution



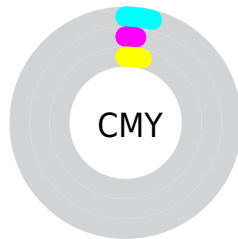
- Red (96%)
- Green (98%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.1378, 95.2410, 100.8741 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 89.1378, 95.2410, 100.8741 by changing the saturation by 10% instead.

89.1378, 95.2410,
100.8741

89.1378, 95.2410,
100.8741

513.5019,
544.9362, 584.2621

67.5997, 72.3356,
76.4098

145.0246,
154.5975, 164.4202

49.8446, 53.4329,
56.2599

180.1040,
191.8174, 204.3391

35.5072, 38.1484,
40.0060

220.4279,
234.5775, 250.2466

24.2222, 26.0979,
27.2294

266.3616,
283.2624, 302.5612

15.6242, 16.8969,
17.5116

318.2706,
338.2562, 361.7016

9.3478, 10.1610,
10.4341

376.5200,

5.0276, 5.5058,

399.9436, 428.0861

5.5784

441.4753,
468.7088, 502.1335

■ 2.2984, 2.5470,
2.5258

■ 0.7938, 0.9001,
0.8538

■ 89.1378, 95.2410,
100.8741

■ 89.1378, 95.2410,
100.8741

■ 77.3258, 89.5699,
81.5512

■ 93.7890, 97.4780,
108.4797

■ 67.1533, 84.6835,
64.9124

■ 58.5506, 80.5512,
50.8410

■ 51.4393, 77.1353,
39.2092

■ 45.7348, 74.3951,
29.8784

■ 41.3436, 72.2858,
22.6958

■ 38.1613, 70.7572,
17.4904

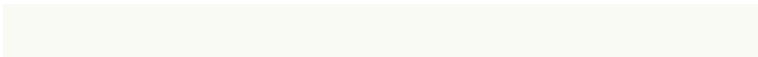
■ 36.0674, 69.7514,
14.0653

■ 34.9166, 69.1986,
12.1829

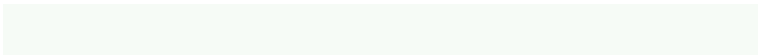
Harmonies

Analogous

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



89.8173, 95.2410, 99.2993



89.1378, 95.2410, 100.8741



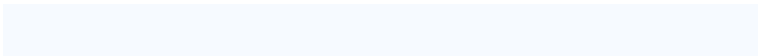
88.8298, 95.2410, 103.2258

Triad

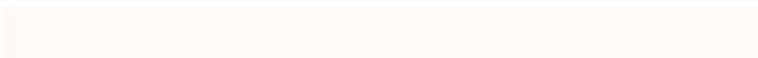
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.1378, 95.2410, 100.8741



90.3575, 95.2410, 108.6600



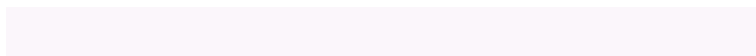
92.0920, 95.2410, 101.6860

Complementary

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



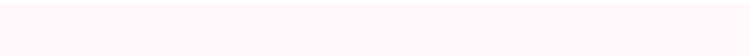
89.1378, 95.2410, 100.8741



90.1556, 93.3883, 104.5456

Split Complementary

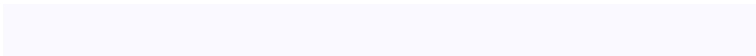
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2390, 95.2410, 104.1782



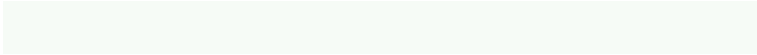
89.1378, 95.2410, 100.8741



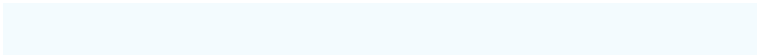
91.2338, 95.2410, 108.2314

Square

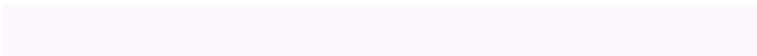
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



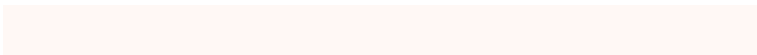
89.1378, 95.2410, 100.8741



89.5311, 95.2410, 107.7422



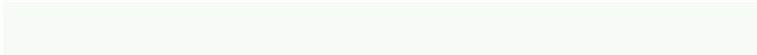
91.9239, 95.2410, 106.5808



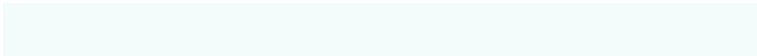
91.5236, 95.2410, 99.7626

Rectangle

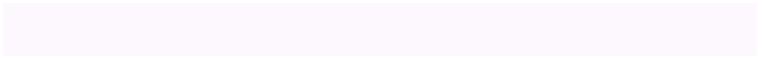
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



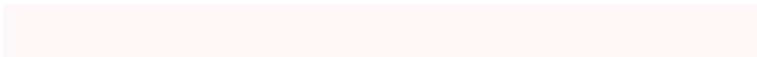
89.1378, 95.2410, 100.8741



88.8752, 95.2410, 104.9282



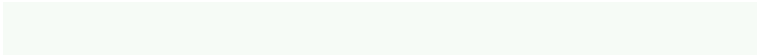
91.9239, 95.2410, 106.5808



92.1925, 95.2410, 102.4839

Sweetspot

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



89.1405, 95.2451, 100.8762



93.7102, 99.3564, 106.7085



90.9196, 96.1623, 100.9594



20.0720, 21.2731, 22.8631



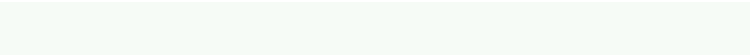
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

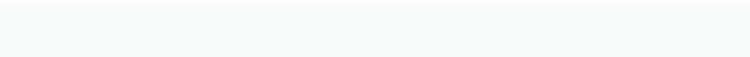
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.1405, 95.2451, 100.8762



92.3882, 98.7214, 104.5461



89.5272, 95.3998, 102.9127



18.9582, 20.2415, 21.4670



18.1331, 36.2663, 6.0445



1.6794, 3.3589, 0.5598

Inverse Universe

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



90.1556, 93.3883, 104.5456



93.4445, 96.7891, 108.3648



89.7636, 93.2315, 102.4817



19.1637, 19.8657, 22.2097



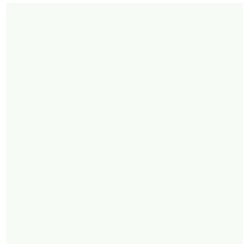
30.0643, 14.4415, 49.1747



2.7845, 1.3375, 4.5544

Previews

White Background



This preview shows how the XYZ color 89.1378, 95.2410, 100.8741 looks on a white background.

Color Contrast Check

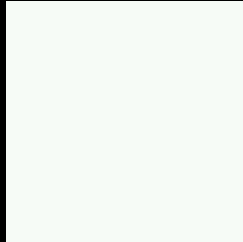
Large Text (above 18pt) WCAG AA × Fail

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 89.1378, 95.2410, 100.8741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

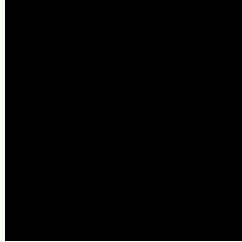
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

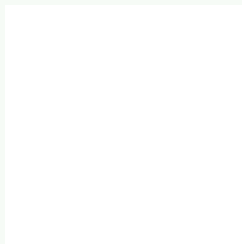
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.1378, 95.2410, 100.8741

Background



This preview shows how black text looks on a background with the XYZ color 89.1378, 95.2410, 100.8741.



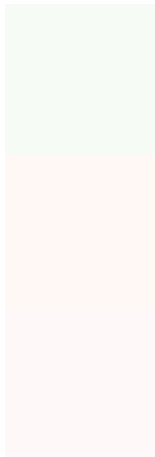
This preview shows how white text looks on a background with the XYZ color 89.1378, 95.2410,

100.8741.

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

89.1378, 95.2410, 100.8741

Protanopia

91.1365, 94.9265, 99.1072

Deuteranopia

91.9063, 95.2344, 103.1606

Tritanopia

90.9926, 95.1111, 108.1702

Trichromacy



Original Color

89.1378, 95.2410, 100.8741

Protanomaly

90.5020, 95.0394, 99.9607

Deuteranomaly

90.9638, 95.2241, 102.3927

Tritanomaly

90.4677, 95.3559, 105.7328

Monochromacy



Original Color

89.1378, 95.2410, 100.8741

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 89.1378, 95.2410, 100.8741 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(246, 251, 246) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 89.1378, 95.2410, 100.8741 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(246, 251, 246) }
```


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

```
.border{ border-color:rgb(246, 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(246, 251, 246)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 89.1378, 95.2410, 100.8741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(246,  
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](#).

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