

Converting Colors

XYZ(89.4790, 93.0751,
102.8718)

Have a look what the booklet for
XYZ(89.4790, 93.0751, 102.8718)
contains.

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Color

**XYZ(89.4790, 93.0751,
102.8718)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF6F9
RGB	250, 246, 249
RGB Percent	98%, 96%, 98%
CMY	0.0196, 0.0353, 0.0235
CMYK	0.00, 0.02, 0.00, 0.02
HSL	315°, 29%, 97%
HSV	315°, 2%, 98%
XYZ	89.4790, 93.0751, 102.8718
YIQ	247.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

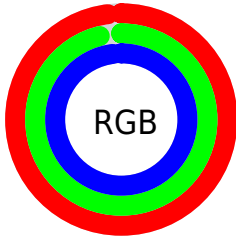
Format	Color
R _Y B	250, 246, 249
Decimal	16447225
CIE Lab	97.26, 1.86, -0.98
CIE LCh	97, 2.099, 332.261
Yxy	93.0751, 0.3135, 0.3261
Android (android.graphics.Color)	4294637305 (0xFFFAF6F9)
YUV	247.5380, 0.7208, 2.1592
Hunter-Lab	96.4754, -3.2769, 4.3119

Details

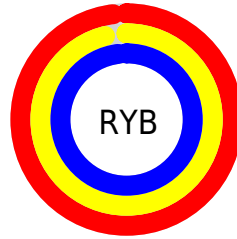
The XYZ color 89.4790, 93.0751, 102.8718 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.9836, 94.6819, 101.5859, and the grayscale version is 88.8419, 93.4686, 101.7873.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.2872, 52.1465, 57.8669 is the 20% darker color. If you saturate the color by 10%, you get 81.4222, 78.4960, 95.4527, and if you desaturate by 10%, it is 93.2349, 99.0643, 108.8151.

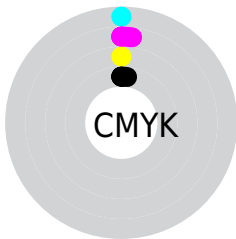
Distribution



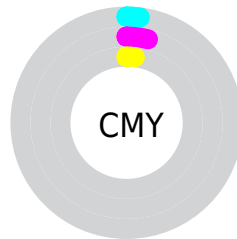
- Red (98%)
- Green (96%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.4790, 93.0751, 102.8718 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 89.4790, 93.0751, 102.8718 by changing the saturation by 10% instead.

89.4790, 93.0751,
102.8718

89.4790, 93.0751,
102.8718

514.5978,
537.9841, 590.6863

67.8835, 70.5339,
78.0709

145.4965,
151.6026, 167.1843

50.0763, 51.9619,
57.6154

180.6492,
188.3577, 207.5330

35.6920, 36.9747,
41.0869

221.0517,
230.6195, 253.9013

24.3655, 25.1879,
28.0668

267.0692,
278.7726, 306.7077

15.7311, 16.2171,
18.1365

319.0673,
333.2011, 366.3709

9.4237, 9.6779,
10.8776

377.4111,

5.0779, 5.1859,

394.2896, 433.3094

5.8714

442.4662,
462.4225, 507.9417

■ 2.3283, 2.3568,
2.6995

■ 0.8091, 0.8035,
0.9432

■ 89.4790, 93.0751,
102.8718

■ 89.4790, 93.0751,
102.8718

■ 81.4222, 78.4960,
95.4527

■ 93.2349, 99.0643,
108.8151

■ 74.3777, 65.8913,
88.5286

■ 68.3046, 55.1785,
82.0856

■ 63.1561, 46.2643,
76.1064

■ 58.8814, 39.0477,
70.5725

■ 55.4246, 33.4175,
65.4636

■ 52.7232, 29.2493,
60.7573

■ 50.7055, 26.4000,
56.4279

■ 49.2851, 24.6976,
52.4449

Harmonies

Analogous

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



89.0756, 93.0751, 104.1319



89.4790, 93.0751, 102.8718



89.6103, 93.0751, 101.2141

Triad

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



89.4790, 93.0751, 102.8718



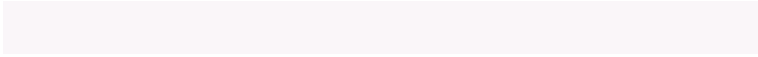
88.4201, 93.0751, 98.1121



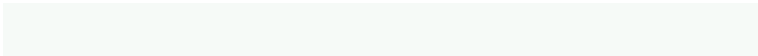
87.5036, 93.0751, 103.0976

Complementary

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



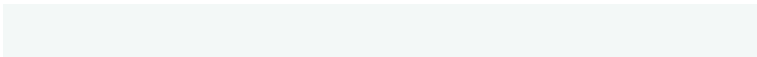
89.4790, 93.0751, 102.8718



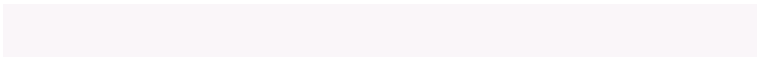
88.9836, 94.6819, 101.5859

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.



87.3297, 93.0751, 101.4720



89.4790, 93.0751, 102.8718



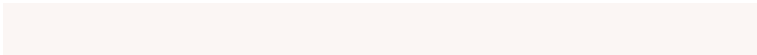
87.8573, 93.0751, 98.6042

Square

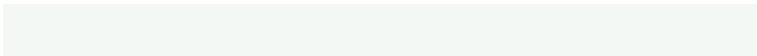
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.4790, 93.0751, 102.8718



88.9973, 93.0751, 98.4777



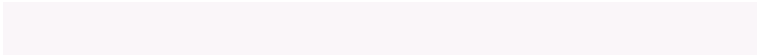
87.4589, 93.0751, 99.8293



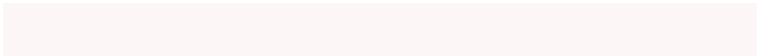
87.9350, 93.0751, 104.2633

Rectangle

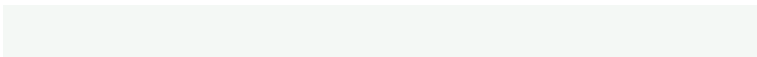
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.4790, 93.0751, 102.8718



89.5254, 93.0751, 100.1098



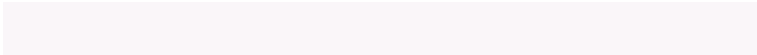
87.4589, 93.0751, 99.8293



87.4131, 93.0751, 102.5862

Sweetspot

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



89.4816, 93.0791, 102.8738

95.0500, 100.0000, 108.9000



88.5726, 92.5924, 103.6476



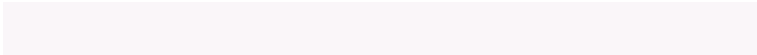
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

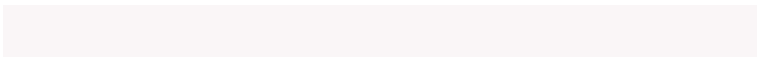
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4816, 93.0791, 102.8738



93.2397, 96.7072, 107.2863



89.1717, 92.9551, 101.2419



19.1239, 19.8498, 22.0001



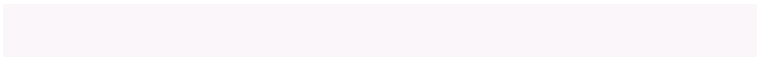
25.7554, 12.7179, 26.4843



2.4277, 1.1948, 2.6756

Inverse Universe

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



89.4816, 93.0791, 102.8738



93.2397, 96.7072, 107.2863



89.2935, 94.8058, 103.2178



19.1239, 19.8498, 22.0001



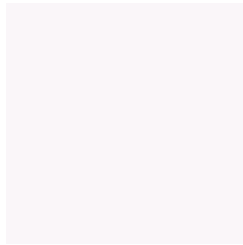
25.7554, 12.7179, 26.4843



2.4277, 1.1948, 2.6756

Previews

White Background



This preview shows how the XYZ color 89.4790, 93.0751, 102.8718 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 89.4790, 93.0751, 102.8718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

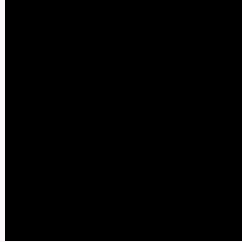
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.4790, 93.0751, 102.8718

Background



This preview shows how black text looks on a background with the XYZ color 89.4790, 93.0751, 102.8718.



This preview shows how white text looks on a background with the XYZ color 89.4790, 93.0751,

102.8718.

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**

89.4790, 93.0751, 102.8718

Protanopia

89.8383, 93.2603, 102.8886

Deuteranopia

90.5340, 92.7387, 101.9356



Tritanopia

90.4301, 93.4555, 107.8803

Trichromacy



Original Color

89.4790, 93.0751, 102.8718

Protanomaly

89.8383, 93.2603, 102.8886

Deuteranomaly

90.1037, 92.9648, 102.0020

Tritanomaly

90.1097, 93.3274, 106.1932

Monochromacy



Original Color

89.4790, 93.0751, 102.8718

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.2710, 93.4386, 102.1373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.4790, 93.0751, 102.8718 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(250, 246, 249) looks like.

```
.text, #text, p{  
    color:rgb(250, 246, 249)  
}
```

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(250, 246, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 246, 249) }
```

Border

The CSS property to change the border of an element to XYZ 89.4790, 93.0751, 102.8718 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(250, 246, 249) }
```

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

```
.border{ border-color:rgb(250, 246, 249) }
```

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

Here you see how a box with a 4 pixel rgb(250, 246, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 246, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 246, 249);  
box-shadow:4px 4px 4px 4px rgb(250, 246,  
249) }
```


Background

The CSS property to change the background color of an element to XYZ 89.4790, 93.0751, 102.8718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 246, 249) }
```

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

```
.background{ background-color: rgb(250,  
246, 249) }
```

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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