

Converting Colors

XYZ(89.4718, 92.7105,
103.1361)

Have a look what the booklet for
XYZ(89.4718, 92.7105, 103.1361)
contains.

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Color

**XYZ(89.1756, 92.4684,
102.7707)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF5F9
RGB	250, 245, 249
RGB Percent	98%, 96%, 98%
CMY	0.0196, 0.0392, 0.0235
CMYK	0.00, 0.02, 0.00, 0.02
HSL	312°, 33%, 97%
HSV	312°, 2%, 98%
XYZ	89.1756, 92.4684, 102.7707
YIQ	246.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

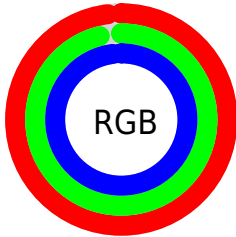
Format	Color
R _Y B	250, 245, 249
Decimal	16446969
CIE Lab	97.01, 2.37, -1.34
CIE LCh	97, 2.719, 330.517
Yxy	92.4684, 0.3135, 0.3251
Android (android.graphics.Color)	4294637049 (0xFFFAF5F9)
YUV	246.9510, 1.0102, 2.6740
Hunter-Lab	96.1605, -2.7467, 3.9467

Details

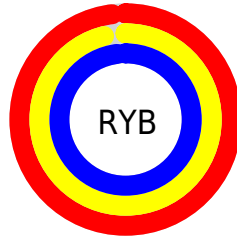
The XYZ color **89.1756, 92.4684, 102.7707** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.4798, 94.4398, 100.7587**, and the grayscale version is **88.3617, 92.9633, 101.2371**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.0714, 51.7148, 57.7950** is the 20% darker color. If you saturate the color by 10%, you get **81.3485, 78.0453, 96.3637**, and if you desaturate by 10%, it is **93.0750, 99.0003, 107.9733**.

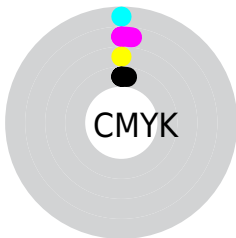
Distribution



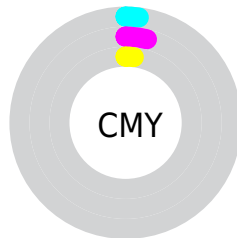
- Red (98%)
- Green (96%)
- Blue (98%)



- 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 89.1756, 92.4684, 102.7707 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 89.1756, 92.4684, 102.7707 by changing the saturation by 10% instead.


 89.1756, 92.4684,
102.7707

 89.1756, 92.4684,
102.7707

513.6234,
536.0282, 590.3621

 67.6311, 70.0297,
77.9867


145.0769,
150.7624, 167.0446

 49.8703, 51.5508,
57.5467


180.1644,
187.3866, 207.3715

 35.5277, 36.6471,
41.0320

220.4970,
229.5080, 253.7166

 24.2381, 24.9344,
28.0242

266.4401,
277.5111, 306.4983

 15.6360, 16.0282,
18.1047

318.3589,
331.7803, 366.1351

 9.3562, 9.5441,
10.8550

376.6188,

 5.0332, 5.0977,

392.6999, 433.0457

5.8565

441.5852,
460.6544, 507.6485

■ 2.3017, 2.3047,
2.6906

■ 0.7955, 0.7762,
0.9387

■ 89.1756, 92.4684,
102.7707

■ 89.1756, 92.4684,
102.7707

■ 81.3485, 78.0453,
96.3637

■ 93.0750, 99.0003,
107.9733

■ 74.5206, 65.5888,
90.3903

■ 93.2348, 99.0643,
108.8151

■ 68.6509, 55.0159,
84.8373

■ 63.6925, 46.2333,
79.6883

■ 59.5947, 39.1396,
74.9254

■ 56.3016, 33.6232,
70.5292

■ 53.7505, 29.5593,
66.4781

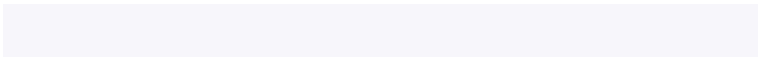
■ 51.8693, 26.8038,
62.7471

■ 50.5712, 25.1832,
59.3064

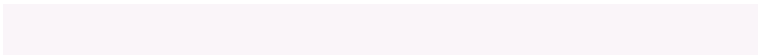
Harmonies

Analogous

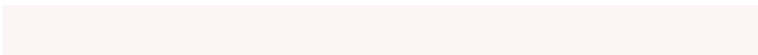
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6378, 92.4684, 104.3566



89.1756, 92.4684, 102.7707



89.3681, 92.4684, 100.6443

Triad

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



89.1756, 92.4684, 102.7707



87.8752, 92.4684, 96.5269



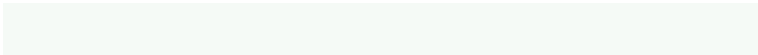
86.6269, 92.4684, 102.8375

Complementary

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



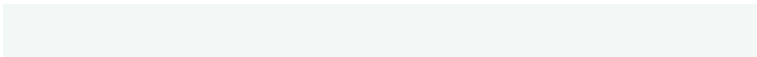
89.1756, 92.4684, 102.7707



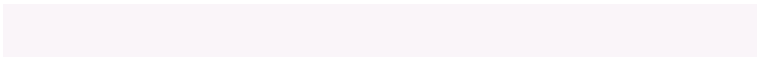
88.4798, 94.4398, 100.7587

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.



86.4252, 92.4684, 100.7204



89.1756, 92.4684, 102.7707



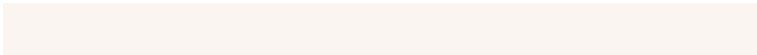
87.1433, 92.4684, 97.0954

Square

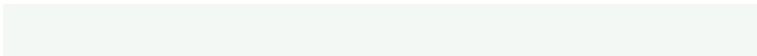
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.1756, 92.4684, 102.7707



88.6146, 92.4684, 97.0583



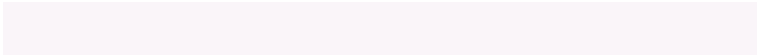
86.6137, 92.4684, 98.6225



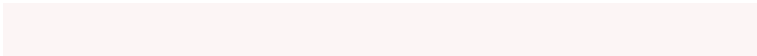
87.1662, 92.4684, 104.3956

Rectangle

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



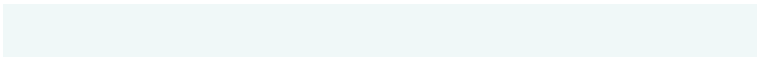
89.1756, 92.4684, 102.7707



89.2738, 92.4684, 99.2125



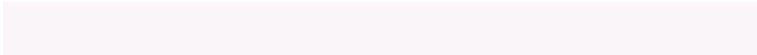
86.6137, 92.4684, 98.6225



86.5175, 92.4684, 102.1666

Sweetspot

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



89.1782, 92.4724, 102.7727



94.1598, 98.3510, 108.1985



87.9176, 91.8044, 103.5299



20.1635, 21.0685, 23.1663



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.



89.1782, 92.4724, 102.7727



93.2806, 96.7235, 107.5017



88.7912, 92.3176, 100.7347



19.1318, 19.8529, 22.0419



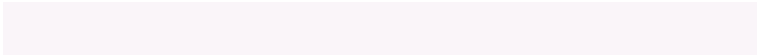
26.4928, 13.0128, 30.3671



2.4902, 1.2198, 3.0047

Inverse Universe

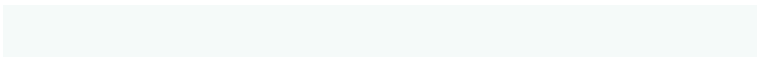
The Inverse Universe completely reimagines the original color for something new.



89.1782, 92.4724, 102.7727



93.2806, 96.7235, 107.5017



88.8657, 94.5942, 102.7913



19.1318, 19.8529, 22.0419



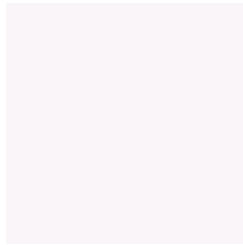
26.4928, 13.0128, 30.3671



2.4902, 1.2198, 3.0047

Previews

White Background



This preview shows how the XYZ color 89.1756, 92.4684, 102.7707 looks on a white background.

Color Contrast Check

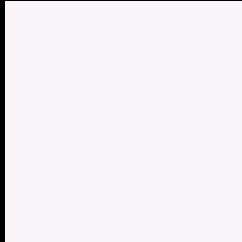
Large Text (above 18pt) WCAG AA × Fail

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 89.1756, 92.4684, 102.7707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

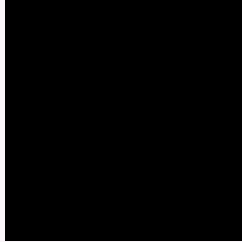
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.1756, 92.4684, 102.7707

Background



This preview shows how black text looks on a background with the XYZ color 89.1756, 92.4684, 102.7707.



This preview shows how white text looks on a background with the XYZ color 89.1756, 92.4684,

102.7707.

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

89.1756, 92.4684, 102.7707

Protanopia

89.1756, 92.4684, 102.7707

Deuteranopia

90.2339, 92.1385, 101.8356

Tritanopia

89.7693, 92.6646, 107.7624

Trichromacy



Original Color

89.1756, 92.4684, 102.7707

Protanomaly

89.1756, 92.4684, 102.7707

Deuteranomaly

89.8020, 92.3613, 101.9014

Tritanomaly

89.4490, 92.5364, 106.0754

Monochromacy



Original Color

89.1756, 92.4684, 102.7707

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.6104, 92.6453, 102.0190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.1756, 92.4684, 102.7707 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, 245, 249) looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 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, 245, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 249) }
```

Border

The CSS property to change the border of an element to XYZ 89.1756, 92.4684, 102.7707 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, 245, 249) }
```


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

```
.border{ border-color:rgb(250, 245, 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, 245, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 89.1756, 92.4684, 102.7707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 245, 249) }
```

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

```
.background{ background-color: rgb(250,  
245, 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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