

Converting Colors

XYZ(89.0609, 94.3609,
103.5548)

Have a look what the booklet for
XYZ(89.0609, 94.3609, 103.5548)
contains.

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Color

**XYZ(89.1370, 94.2463,
103.9358)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F9FA
RGB	246, 249, 250
RGB Percent	96%, 98%, 98%
CMY	0.0353, 0.0235, 0.0196
CMYK	0.02, 0.00, 0.00, 0.02
HSL	195°, 29%, 97%
HSV	195°, 2%, 98%
XYZ	89.1370, 94.2463, 103.9358
YIQ	248.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

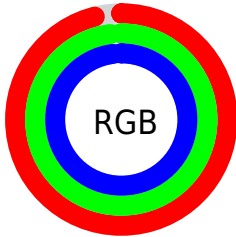
Format	Color
R _Y B	246, 248, 250
Decimal	16185850
CIE Lab	97.73, -0.81, -0.84
CIE LCh	98, 1.161, 226.025
Yxy	94.2463, 0.3102, 0.3280
Android (android.graphics.Color)	4294375930 (0xFF6F9FA)
YUV	248.2170, 0.8790, -1.9443
Hunter-Lab	97.0805, -5.9965, 4.4797

Details

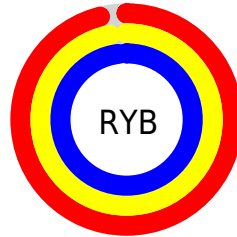
The XYZ color 89.1370, 94.2463, 103.9358 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.3198, 93.4982, 100.5294, and the grayscale version is 89.3972, 94.0528, 102.4235.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.0428, 52.9821, 58.6280 is the 20% darker color. If you saturate the color by 10%, you get 79.0601, 86.2453, 102.9240, and if you desaturate by 10%, it is 94.2556, 99.6822, 104.7167.

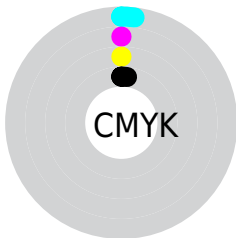
Distribution



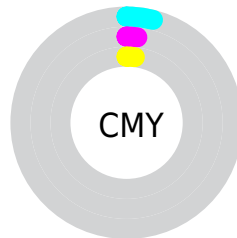
- Red (96%)
- Green (98%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.1370, 94.2463, 103.9358 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 89.1370, 94.2463, 103.9358 by changing the saturation by 10% instead.

89.1370, 94.2463,
103.9358

89.1370, 94.2463,
103.9358

513.4994,
541.7493, 594.0930

67.5990, 71.5078,
78.9564

145.0235,
153.2229, 168.6543

49.8441, 52.7567,
58.3389

180.1028,
190.2299, 209.2305

35.5068, 37.6086,
41.6646

220.4265,
232.7618, 255.8427

24.2219, 25.6791,
28.5152

266.3600,
281.2030, 308.9095

15.6239, 16.5837,
18.4719

318.2687,
335.9380, 368.8494

9.3476, 9.9381,
11.1164

376.5179,

5.0275, 5.3580,

397.3511, 436.0809

6.0300

441.4730,
465.8267, 511.0226

■ 2.2983, 2.4588,
2.7943

■ 0.7938, 0.8559,
0.9906

■ 89.1370, 94.2463,
103.9358

■ 89.1370, 94.2463,
103.9358

■ 79.0601, 86.2453,
102.9240

■ 94.2556, 99.6822,
104.7167

■ 70.1771, 78.9507,
101.9842

■ 62.4402, 72.3398,
101.1159

■ 55.7949, 66.3835,
100.3165

■ 50.1826, 61.0506,
99.5829

■ 45.5384, 56.3069,
98.9121

■ 41.7902, 52.1140,
98.3003

■ 38.8548, 48.4281,
97.7436

■ 36.6324, 45.1968,
97.2370

Harmonies

Analogous

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



88.9678, 94.2463, 103.1223



89.1370, 94.2463, 103.9358



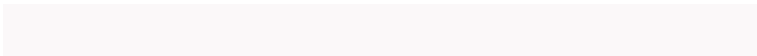
89.4246, 94.2463, 104.3976

Triad

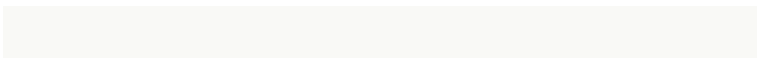
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.1370, 94.2463, 103.9358



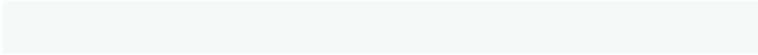
90.1974, 94.2463, 103.0591



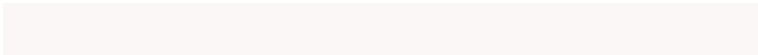
89.4027, 94.2463, 100.8759

Complementary

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



89.1370, 94.2463, 103.9358



89.3198, 93.4982, 100.5294

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.



89.7321, 94.2463, 100.8592



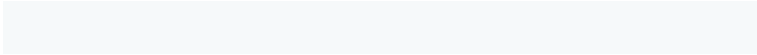
89.1370, 94.2463, 103.9358



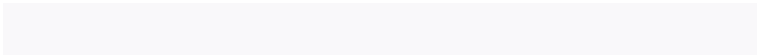
90.1915, 94.2463, 102.1157

Square

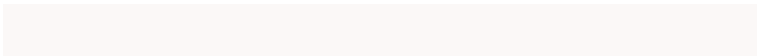
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



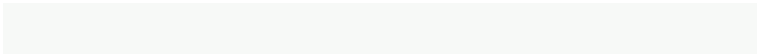
89.1370, 94.2463, 103.9358



90.0372, 94.2463, 103.8893



90.0210, 94.2463, 101.3118



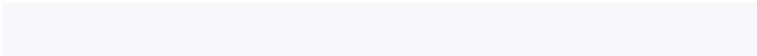
89.1209, 94.2463, 101.3575

Rectangle

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



89.1370, 94.2463, 103.9358



89.6451, 94.2463, 104.4420



90.0210, 94.2463, 101.3118



89.5115, 94.2463, 100.8158

Sweetspot

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



89.1397, 94.2503, 103.9379

95.0500, 100.0000, 108.9000



88.9712, 94.6768, 101.5282



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.



89.1397, 94.2503, 103.9379



92.7948, 98.2381, 108.6788



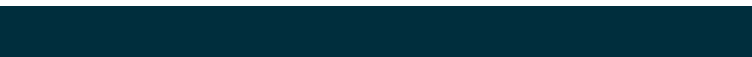
88.5438, 93.0587, 103.7392



19.0373, 20.1476, 22.2708



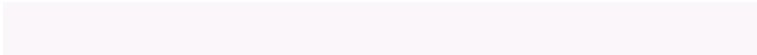
18.7843, 22.9242, 51.4083



1.8233, 2.2902, 4.7891

Inverse Universe

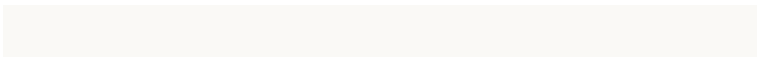
The Inverse Universe completely reimagines the original color for something new.



89.4810, 93.0767, 102.8768



93.2408, 96.7076, 107.2918



89.9154, 94.6894, 100.7279



19.1241, 19.8498, 22.0011



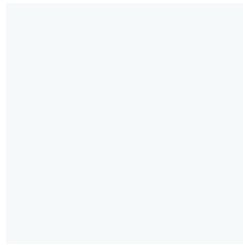
25.7735, 12.7251, 26.5793



2.4292, 1.1954, 2.6837

Previews

White Background



This preview shows how the XYZ color 89.1370, 94.2463, 103.9358 looks on a white background.

Color Contrast Check

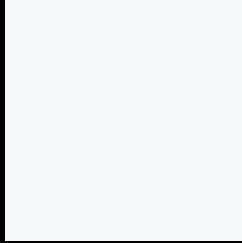
Large Text (above 18pt) WCAG AA × Fail

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 89.1370, 94.2463, 103.9358 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 89.1370, 94.2463, 103.9358

Background



This preview shows how black text looks on a background with the XYZ color 89.1370, 94.2463, 103.9358.



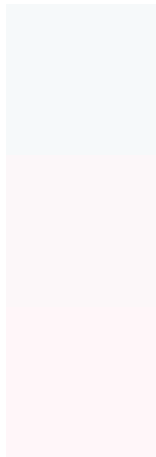
This preview shows how white text looks on a background with the XYZ color 89.1370, 94.2463,

103.9358.

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

89.1370, 94.2463, 103.9358

Protanopia

90.5045, 94.0565, 103.0072

Deuteranopia

91.2947, 94.0111, 102.9567

Tritanopia

90.3288, 94.3113, 108.0508

Trichromacy



Original Color

89.1370, 94.2463, 103.9358

Protanomaly

90.0906, 94.2983, 103.0756

Deuteranomaly

90.5045, 94.0565, 103.0072

Tritanomaly

89.6548, 94.0008, 106.3472

Monochromacy



Original Color

89.1370, 94.2463, 103.9358

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.0241, 93.7485, 103.0257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.1370, 94.2463, 103.9358 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, 249, 250) looks like.

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

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, 249, 250) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 89.1370, 94.2463, 103.9358 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, 249, 250) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 89.1370, 94.2463, 103.9358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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