

Converting Colors

XYZ(89.7562, 94.3609,
100.7936)

Have a look what the booklet for
XYZ(89.7562, 94.3609, 100.7936)
contains.

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Color

**XYZ(89.6263, 94.1126,
100.6305)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF8F6
RGB	250, 248, 246
RGB Percent	98%, 97%, 96%
CMY	0.0196, 0.0274, 0.0353
CMYK	0.00, 0.01, 0.02, 0.02
HSL	30°, 29%, 97%
HSV	30°, 2%, 98%
XYZ	89.6263, 94.1126, 100.6305
YIQ	248.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

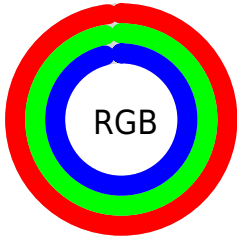
Format	Color
R _Y B	250, 250, 246
Decimal	16447734
CIE Lab	97.68, 0.32, 1.18
CIE LCh	98, 1.224, 74.869
Yxy	94.1126, 0.3152, 0.3310
Android (android.graphics.Color)	4294637814 (0xFFFAF8F6)
YUV	248.3700, -1.1684, 1.4295
Hunter-Lab	97.0116, -4.8593, 6.4064

Details

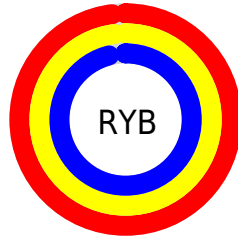
The XYZ color 89.6263, 94.1126, 100.6305 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.8288, 93.6286, 103.8341, and the grayscale version is 89.5363, 94.1992, 102.5829.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.3920, 52.8863, 56.2673 is the 20% darker color. If you saturate the color by 10%, you get 82.3373, 85.2668, 80.5262, and if you desaturate by 10%, it is 93.2349, 99.0643, 108.8151.

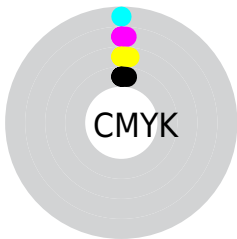
Distribution



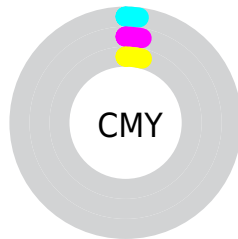
- Red (98%)
- Green (97%)
- Blue (96%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.6263, 94.1126, 100.6305 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 89.6263, 94.1126, 100.6305 by changing the saturation by 10% instead.

89.6263, 94.1126,
100.6305

89.6263, 94.1126,
100.6305

515.0705,
541.3201, 583.4762

68.0060, 71.3966,
76.2074

145.7002,
153.0381, 164.0828

50.1763, 52.6659,
56.0949

180.8845,
190.0163, 203.9490

35.7719, 37.5361,
39.8745

221.3208,
232.5175, 249.8001

24.4274, 25.6229,
27.1277

267.3745,
280.9259, 302.0545

15.7774, 16.5417,
17.4358

319.4110,
335.6259, 361.1307

9.4566, 9.9083,
10.3805

377.7956,

5.0997, 5.3382,

397.0021, 427.4474

5.5431

442.8936,
465.4387, 501.4230

■ 2.3412, 2.4470,
2.5050

■ 0.8156, 0.8499,
0.8428

■ 89.6263, 94.1126,
100.6305

■ 89.6263, 94.1126,
100.6305

■ 82.3373, 85.2668,
80.5262

■ 93.2349, 99.0643,
108.8151

■ 75.7923, 77.1167,
63.1157

■ 69.9671, 69.6474,
48.2843

■ 64.8330, 62.8390,
35.9066

■ 60.3590, 56.6704,
25.8467

■ 56.5115, 51.1192,
17.9550

■ 53.2532, 46.1612,
12.0646

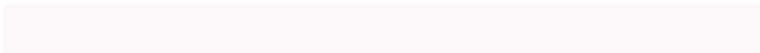
■ 50.5422, 41.7697,
7.9833

■ 48.3285, 37.9148,
5.4806

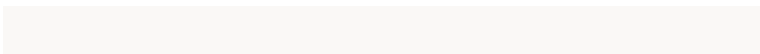
Harmonies

Analogous

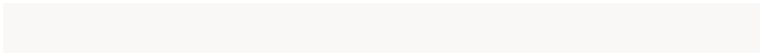
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9271, 94.1126, 101.1242



89.6263, 94.1126, 100.6305



89.2793, 94.1126, 100.6282

Triad

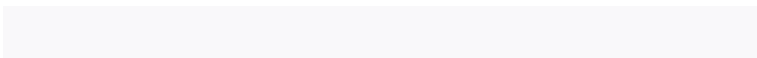
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.6263, 94.1126, 100.6305



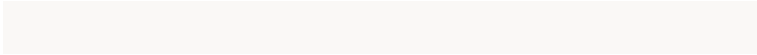
88.8049, 94.1126, 102.9660



89.9250, 94.1126, 103.8393

Complementary

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



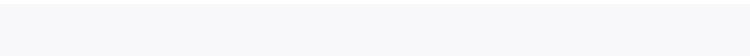
89.6263, 94.1126, 100.6305



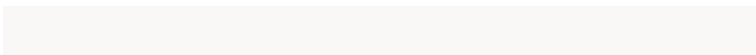
88.8288, 93.6286, 103.8341

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.



89.6233, 94.1126, 104.3394



89.6263, 94.1126, 100.6305



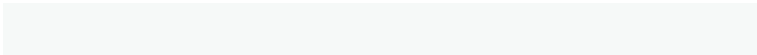
88.9769, 94.1126, 103.8330

Square

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



89.6263, 94.1126, 100.6305



88.8057, 94.1126, 101.9723



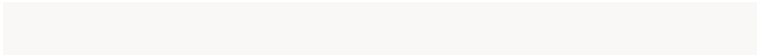
89.2763, 94.1126, 104.3371



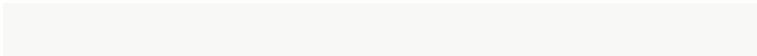
90.0999, 94.1126, 102.9746

Rectangle

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



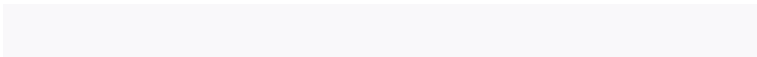
89.6263, 94.1126, 100.6305



89.0685, 94.1126, 100.9055



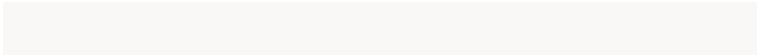
89.2763, 94.1126, 104.3371



89.8350, 94.1126, 104.0559

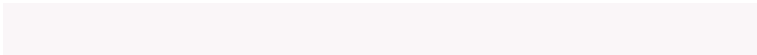
Sweetspot

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



89.6290, 94.1167, 100.6325

95.0500, 100.0000, 108.9000



89.3247, 93.0143, 102.0539



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.



89.6290, 94.1167, 100.6325



93.4332, 98.0631, 104.3639



90.2458, 95.3504, 100.8382



19.1615, 20.1136, 21.4316



24.9637, 18.8841, 2.3293



2.4181, 1.9610, 0.2511

Inverse Universe

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



88.8288, 93.6286, 103.8341



92.3887, 97.4259, 108.5434



88.2185, 92.4080, 103.6307



18.9584, 19.9896, 22.2445



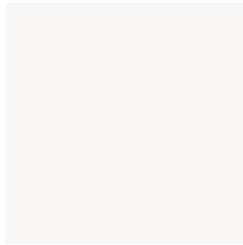
13.1688, 11.6931, 49.5365



1.3256, 1.2949, 4.6233

Previews

White Background



This preview shows how the XYZ color 89.6263, 94.1126, 100.6305 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 89.6263, 94.1126, 100.6305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

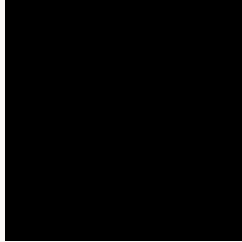
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

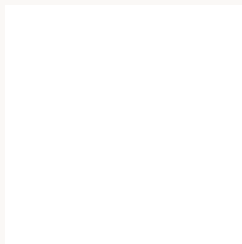
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.6263, 94.1126, 100.6305

Background



This preview shows how black text looks on a background with the XYZ color 89.6263, 94.1126, 100.6305.



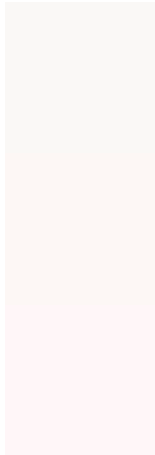
This preview shows how white text looks on a background with the XYZ color 89.6263, 94.1126,

100.6805.

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

89.6263, 94.1126, 100.6305

Protanopia

90.2502, 93.9967, 99.7727

Deuteranopia

91.1390, 93.9488, 102.1373

Tritanopia

90.7351, 94.0655, 107.9820

Trichromacy



Original Color

89.6263, 94.1126, 100.6305

Protanomaly

89.8871, 93.8095, 99.7557

Deuteranomaly

90.5573, 94.1196, 101.3897

Tritanomaly

90.2558, 93.8738, 105.4579

Monochromacy



Original Color

89.6263, 94.1126, 100.6305

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.4228, 93.9899, 101.4245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.6263, 94.1126, 100.6305 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, 248, 246) looks like.

```
.text, #text, p{  
    color:rgb(250, 248, 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(250, 248, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 248, 246) }
```

Border

The CSS property to change the border of an element to XYZ 89.6263, 94.1126, 100.6305 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, 248, 246) }
```

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

```
.border{ border-color:rgb(250, 248, 246) }
```

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

Here you see how a box with a 4 pixel rgb(250, 248, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 248, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 248, 246);  
box-shadow:4px 4px 4px 4px rgb(250, 248,  
246) }
```


Background

The CSS property to change the background color of an element to XYZ 89.6263, 94.1126, 100.6305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 248, 246) }
```

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

```
.background{ background-color: rgb(250,  
248, 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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