

Converting Colors

XYZ(89.6748, 94.0371,
108.0324)

Have a look what the booklet for
XYZ(89.6748, 94.0371, 108.0324)
contains.

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Color

**XYZ(89.6234, 93.9476,
108.0178)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F8FF
RGB	246, 248, 255
RGB Percent	96%, 97%, 100%
CMY	0.0353, 0.0274, 0.0000
CMYK	0.04, 0.03, 0.00, 0.00
HSL	227°, 100%, 98%
HSV	227°, 4%, 100%
XYZ	89.6234, 93.9476, 108.0178
YIQ	248.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

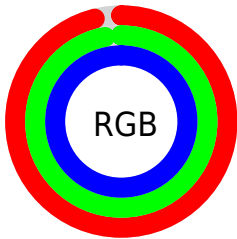
Format	Color
R _Y B	246, 248, 255
Decimal	16185599
CIE Lab	97.61, 0.60, -3.59
CIE LCh	98, 3.638, 279.505
Yxy	93.9476, 0.3074, 0.3222
Android (android.graphics.Color)	4294375679 (0xFF6F8FF)
YUV	248.2000, 3.3524, -1.9294
Hunter-Lab	96.9266, -4.5710, 1.7741

Details

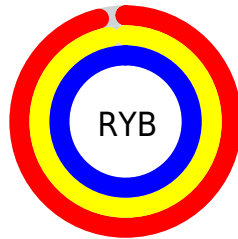
The XYZ color 89.6234, 93.9476, 108.0178 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.9988, 98.1619, 101.2358, and the grayscale version is 89.3643, 94.0182, 102.3858.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.2779, 52.7236, 60.9528 is the 20% darker color. If you saturate the color by 10%, you get 75.5116, 78.1027, 105.7032, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

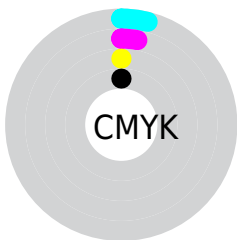
Distribution



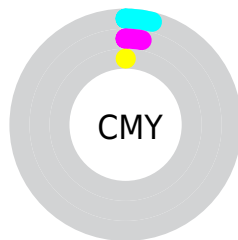
- Red (96%)
- Green (97%)
- Blue (100%)



- Red (96%)
- Yellow (97%)
- Blue (100%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.6234, 93.9476, 108.0178 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 89.6234, 93.9476, 108.0178 by changing the saturation by 10% instead.

89.6234, 93.9476,
108.0178

89.6234, 93.9476,
108.0178

515.0612,
540.7903, 607.0688

68.0036, 71.2594,
82.3591

145.6962,
152.8099, 174.2803

50.1743, 52.5539,
61.1240

180.8798,
189.7527, 215.7211

35.7703, 37.4468,
43.8941

221.3155,
232.2159, 263.2597

24.4261, 25.5536,
30.2507

267.3685,
280.5837, 317.3147

15.7765, 16.4900,
19.7753

319.4042,
335.2407, 378.3045

9.4560, 9.8715,
12.0493

377.7880,

5.0992, 5.3139,

396.5712, 446.6478

6.6543

442.8852,
464.9596, 522.7630

■ 2.3410, 2.4326,
3.1717

■ 0.8155, 0.8426,
1.1830

■ 89.6234, 93.9476,
108.0178

■ 89.6234, 93.9476,
108.0178

■ 75.5116, 78.1027,
105.7032

95.0500, 100.0000,
108.9000

■ 63.2009, 64.1119,
103.6515

■ 52.6196, 51.9096,
101.8540

■ 43.6883, 41.4222,
100.3004

■ 36.3214, 32.5706,
98.9801

■ 30.4253, 25.2691,
97.8816

■ 25.8957, 19.4240,
96.9921

■ 22.6140, 14.9304,
96.2977

■ 20.4387, 11.6674,
95.7825

Harmonies

Analogous

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



88.5994, 93.9476, 107.7251



89.6234, 93.9476, 108.0178



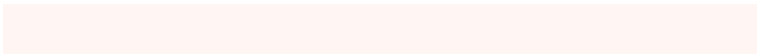
90.5663, 93.9476, 106.7538

Triad

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



89.6234, 93.9476, 108.0178



90.8387, 93.9476, 98.7100



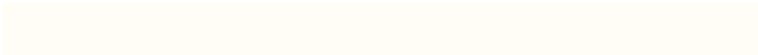
87.4432, 93.9476, 100.3104

Complementary

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



89.6234, 93.9476, 108.0178



92.9988, 98.1619, 101.2358

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.



88.0344, 93.9476, 97.9581



89.6234, 93.9476, 108.0178



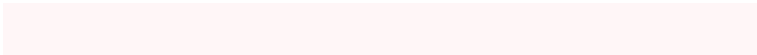
89.9930, 93.9476, 97.0466

Square

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



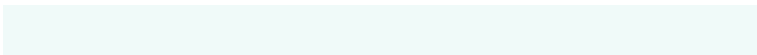
89.6234, 93.9476, 108.0178



91.2716, 93.9476, 101.3547



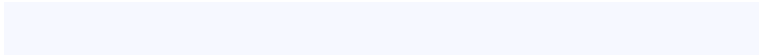
88.9662, 93.9476, 96.7741



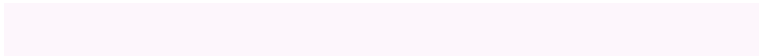
87.3459, 93.9476, 103.2370

Rectangle

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



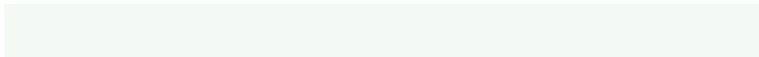
89.6234, 93.9476, 108.0178



91.0202, 93.9476, 105.2126



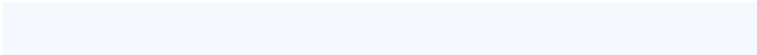
88.9662, 93.9476, 96.7741



87.5905, 93.9476, 99.4278

Sweetspot

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



89.6258, 93.9515, 108.0184



93.4890, 98.2614, 108.6467



91.4804, 98.1986, 106.9780



20.0270, 21.0503, 23.2575



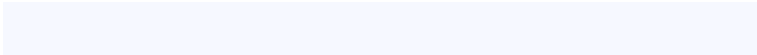
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



89.6258, 93.9515, 108.0184



88.9191, 93.1619, 107.9032



89.8601, 93.1625, 107.8538



18.7927, 19.6726, 23.0567



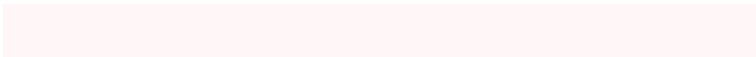
10.2807, 5.4710, 49.9487



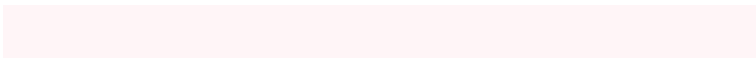
1.0780, 0.6868, 4.8890

Inverse Universe

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



91.1405, 93.9503, 102.1422



90.6315, 93.1637, 101.2593



92.7575, 98.9817, 101.4067



19.2263, 19.6743, 21.3740



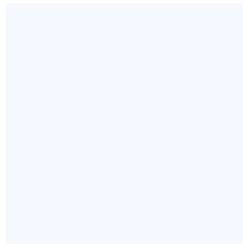
21.9774, 11.2803, 3.2656



2.1787, 1.1139, 0.5227

Previews

White Background



This preview shows how the XYZ color 89.6234, 93.9476, 108.0178 looks on a white background.

Color Contrast Check

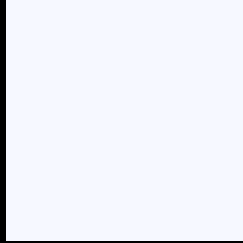
Large Text (above 18pt) WCAG AA × Fail

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 89.6234, 93.9476, 108.0178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

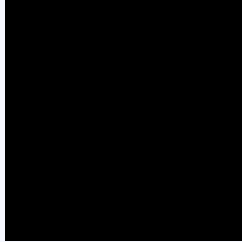
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.6234, 93.9476, 108.0178

Background



This preview shows how black text looks on a background with the XYZ color 89.6234, 93.9476, 108.0178.



This preview shows how white text looks on a background with the XYZ color 89.6234, 93.9476,

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

89.6234, 93.9476, 108.0178

Protanopia

90.9338, 94.1865, 107.1530

Deuteranopia

91.6084, 94.1366, 104.6087

Tritanopia

90.0222, 93.6980, 107.9486

Trichromacy



Original Color

89.6234, 93.9476, 108.0178

Protanomaly

90.2171, 93.8170, 107.1195

Deuteranomaly

90.9763, 94.2453, 105.4916

Tritanomaly

89.6685, 93.5157, 107.9320

Monochromacy



Original Color

89.6234, 93.9476, 108.0178

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.3378, 93.8740, 104.6777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.6234, 93.9476, 108.0178 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, 248, 255) looks like.

```
.text, #text, p{  
    color:rgb(246, 248, 255)  
}
```

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, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 89.6234, 93.9476, 108.0178 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, 248, 255) }
```


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

```
.border{ border-color:rgb(246, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 89.6234, 93.9476, 108.0178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 248, 255) }
```

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

```
.background{ background-color: rgb(246,  
248, 255) }
```

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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