

Converting Colors

XYZ(88.9209, 94.7359,
106.1384)

Have a look what the booklet for
XYZ(88.9209, 94.7359, 106.1384)
contains.

XYZ(88.8774, 94.5177, 106.4879)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(88.8774, 94.5177,
106.4879)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FAFD
RGB	243, 250, 253
RGB Percent	95%, 98%, 99%
CMY	0.0471, 0.0196, 0.0078
CMYK	0.04, 0.01, 0.00, 0.01
HSL	198°, 71%, 97%
HSV	198°, 4%, 99%
XYZ	88.8774, 94.5177, 106.4879
YIQ	248.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

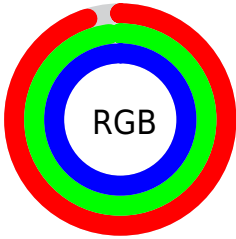
Format	Color
R _Y B	243, 247, 253
Decimal	15989501
CIE Lab	97.84, -1.75, -2.25
CIE LCh	98, 2.849, 232.049
Yxy	94.5177, 0.3066, 0.3261
Android (android.graphics.Color)	4294179581 (0xFF3FAFD)
YUV	248.2490, 2.3422, -4.6034
Hunter-Lab	97.2202, -6.9531, 3.1122

Details

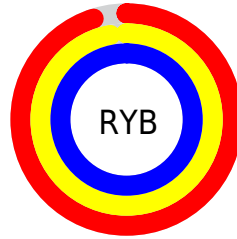
The XYZ color 88.8774, 94.5177, 106.4879 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.6418, 93.2645, 98.0728, and the grayscale version is 89.4135, 94.0700, 102.4422.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.7491, 53.1339, 59.8584 is the 20% darker color. If you saturate the color by 10%, you get 78.4331, 85.7092, 105.3396, and if you desaturate by 10%, it is 94.7299, 99.8720, 107.2144.

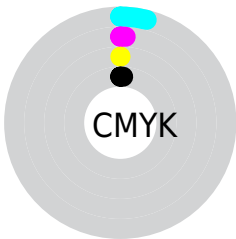
Distribution



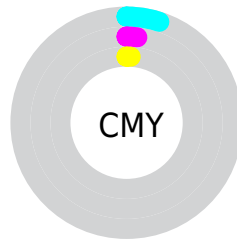
- Red (95%)
- Green (98%)
- Blue (99%)



- Red (95%)
- Yellow (97%)
- Blue (99%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)





- Cyan (5%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.8774, 94.5177, 106.4879 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 88.8774, 94.5177, 106.4879 by changing the saturation by 10% instead.


 88.8774, 94.5177,
106.4879

 88.8774, 94.5177,
106.4879


512.6648,
542.6198, 602.2226

 67.3831, 71.7336,
81.0828


144.6644,
153.5981, 172.1742

 49.6679, 52.9411,
60.0784


179.6878,
190.6633, 213.2925

 35.3663, 37.7558,
43.0561

219.9516,
233.2575, 260.4856

 24.1130, 25.7932,
29.5974

265.8213,
281.7653, 314.1722

 15.5427, 16.6690,
19.2838

317.6620,
336.5711, 374.7706

 9.2899, 9.9988,
11.6966

375.8393,

 4.9894, 5.3981,

398.0591, 442.6994

6.4174

440.7184,
466.6139, 518.3773

■ 2.2757, 2.4827,
3.0277

■ 0.7822, 0.8680,
1.1088

■ 88.8774, 94.5177,
106.4879

■ 88.8774, 94.5177,
106.4879

■ 78.4331, 85.7092,
105.3396

94.7299, 99.8720,
107.2144

■ 69.2339, 77.6788,
104.2744

■ 61.2292, 70.4015,
103.2917

■ 54.3616, 63.8460,
102.3883

■ 48.5686, 57.9783,
101.5610

■ 43.7816, 52.7613,
100.8064

■ 39.9233, 48.1535,
100.1203

■ 36.9042, 44.1067,
99.4983

■ 34.6153, 40.5629,
98.9349

Harmonies

Analogous

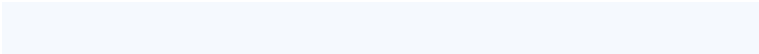
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3938, 94.5177, 104.6051



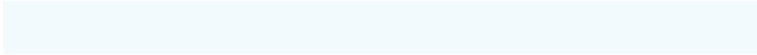
88.8774, 94.5177, 106.4879



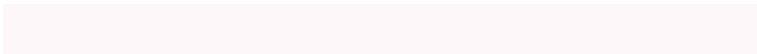
89.6200, 94.5177, 107.4159

Triad

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



88.8774, 94.5177, 106.4879



91.3948, 94.5177, 103.5348



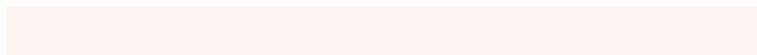
89.2501, 94.5177, 98.8159

Complementary

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



88.8774, 94.5177, 106.4879



89.6418, 93.2645, 98.0728

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.



90.0528, 94.5177, 98.5391



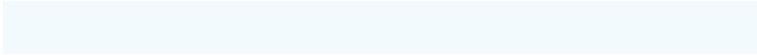
88.8774, 94.5177, 106.4879



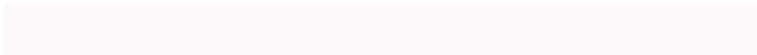
91.2943, 94.5177, 101.2406

Square

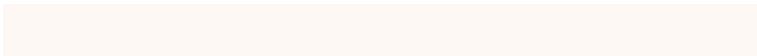
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8774, 94.5177, 106.4879



91.0757, 94.5177, 105.6942



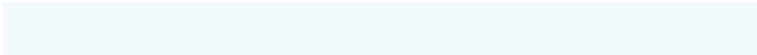
90.8019, 94.5177, 99.4204



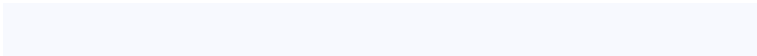
88.6080, 94.5177, 100.1824

Rectangle

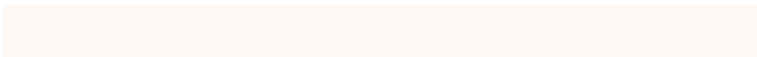
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.8774, 94.5177, 106.4879



90.1633, 94.5177, 107.3587



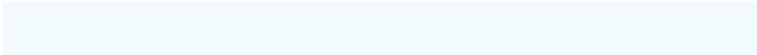
90.8019, 94.5177, 99.4204



89.5100, 94.5177, 98.5932

Sweetspot

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



88.8801, 94.5217, 106.4900



93.8748, 99.0331, 108.7753



88.6979, 95.9504, 100.9017



20.1055, 21.2074, 23.2837



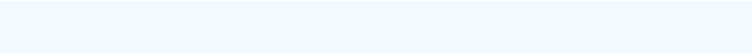
0.0000, 0.0000, 0.0000



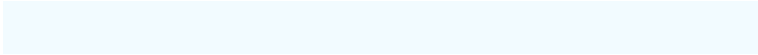
20.3446, 21.4041, 23.3091

Same Dimension

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



88.8801, 94.5217, 106.4900



89.3072, 95.2483, 108.2855



87.3962, 91.5539, 105.9953



18.9483, 20.2477, 23.1595



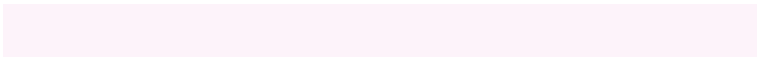
17.9495, 20.8085, 52.5050



1.8434, 2.2175, 5.1441

Inverse Universe

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



89.8160, 91.8878, 103.4494



90.5076, 91.8896, 104.3817



91.1323, 96.2455, 98.5697



19.2405, 19.4334, 22.2087



25.8483, 12.8286, 23.6492



2.5651, 1.2684, 2.5570

Previews

White Background



This preview shows how the XYZ color 88.8774, 94.5177, 106.4879 looks on a white background.

Color Contrast Check

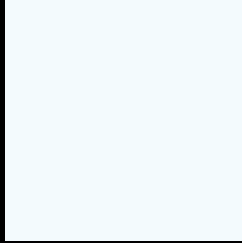
Large Text (above 18pt) WCAG AA × Fail

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 88.8774, 94.5177, 106.4879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

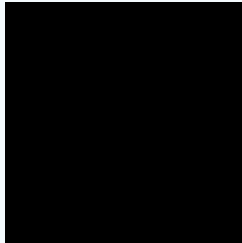
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

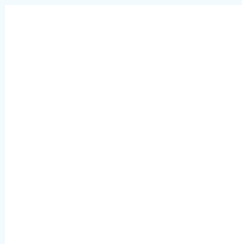
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.8774, 94.5177, 106.4879

Background



This preview shows how black text looks on a background with the XYZ color 88.8774, 94.5177, 106.4879.



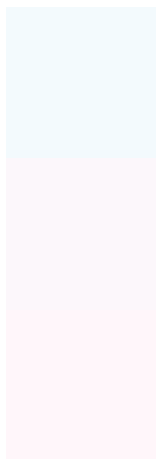
This preview shows how white text looks on a background with the XYZ color 88.8774, 94.5177,

106.4379.

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

88.8774, 94.5177, 106.4879

Protanopia

90.8182, 94.1820, 104.6591

Deuteranopia

91.4511, 94.0737, 103.7805

Tritanopia

90.3288, 94.3113, 108.0508

Trichromacy



Original Color

88.8774, 94.5177, 106.4879

Protanomaly

90.2050, 94.3028, 105.5434

Deuteranomaly

90.4570, 93.9958, 104.6422

Tritanomaly

89.7711, 94.5000, 107.2748

Monochromacy



Original Color

88.8774, 94.5177, 106.4879

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

89.1370, 94.2463, 103.9358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.8774, 94.5177, 106.4879 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(243, 250, 253)` looks like.

```
.text, #text, p{  
    color:rgb(243, 250, 253)  
}
```

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(243, 250, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 250, 253) }
```

Border

The CSS property to change the border of an element to XYZ 88.8774, 94.5177, 106.4879 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(243, 250, 253) }
```


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

```
.border{ border-color:rgb(243, 250, 253) }
```

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

Here you see how a box with a 4 pixel rgb(243, 250, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 250, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 250, 253);  
box-shadow:4px 4px 4px 4px rgb(243, 250,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 88.8774, 94.5177, 106.4879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 250, 253) }
```

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

```
.background{ background-color: rgb(243,  
250, 253) }
```

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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