

Converting Colors

XYZ(88.5253, 93.3319,
107.9568)

Have a look what the booklet for
XYZ(88.5253, 93.3319, 107.9568)
contains.

XYZ(88.5795, 93.4095, 107.9689)	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(88.5795, 93.4095,
107.9689)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F8FF
RGB	243, 248, 255
RGB Percent	95%, 97%, 100%
CMY	0.0471, 0.0274, 0.0000
CMYK	0.05, 0.03, 0.00, 0.00
HSL	215°, 100%, 98%
HSV	215°, 5%, 100%
XYZ	88.5795, 93.4095, 107.9689
YIQ	247.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

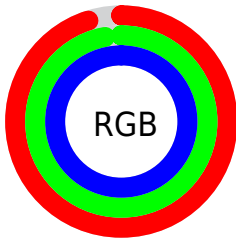
Format	Color
R _Y B	243, 247, 255
Decimal	15988991
CIE Lab	97.39, -0.37, -3.93
CIE LCh	97, 3.950, 264.573
Yxy	93.4095, 0.3055, 0.3221
Android (android.graphics.Color)	4294179071 (0xFF3F8FF)
YUV	247.3030, 3.7946, -3.7737
Hunter-Lab	96.6486, -5.5378, 1.4195

Details

The XYZ color 88.5795, 93.4095, 107.9689 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 91.6022, 96.0998, 98.5165, and the grayscale version is 88.6299, 93.2455, 101.5444.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5362, 52.3413, 60.9181 is the 20% darker color. If you saturate the color by 10%, you get 75.9935, 80.4064, 106.1225, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

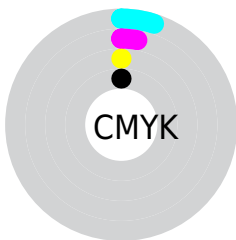
Distribution



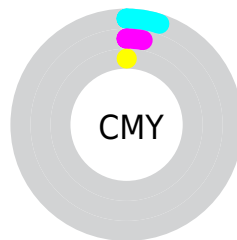
- Red (95%)
- Green (97%)
- Blue (100%)



- Red (95%)
- Yellow (97%)
- Blue (100%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.5795, 93.4095, 107.9689 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 88.5795, 93.4095, 107.9689 by changing the saturation by 10% instead.


 88.5795, 93.4095,
107.9689

 88.5795, 93.4095,
107.9689


511.7062,
539.0605, 606.9142

 67.1355, 70.8119,
82.3183


144.2521,
152.0654, 174.2130

 49.4658, 52.1887,
61.0906


179.2114,
188.8926, 215.6435

 35.2052, 37.1555,
43.8672

219.4064,
231.2317, 263.1712

 23.9882, 25.3279,
30.2297

265.2026,
279.4671, 317.2144

 15.4496, 16.3215,
19.7595

316.9654,
333.9834, 378.1918

 9.2239, 9.7520,
12.0380

375.0600,

 4.9458, 5.2348,

395.1647, 446.5218

6.6467

439.8518,
463.3957, 522.6231

■ 2.2499, 2.3857,
3.1671

■ 0.7689, 0.8185,
1.1806

■ 88.5795, 93.4095,
107.9689

■ 88.5795, 93.4095,
107.9689

■ 75.9935, 80.4064,
106.1225

95.0500, 100.0000,
108.9000

■ 64.9318, 68.7129,
104.4484

■ 55.3345, 58.2879,
102.9420

■ 47.1351, 49.0834,
101.5975

■ 40.2611, 41.0484,
100.4089

■ 34.6334, 34.1273,
99.3696

■ 30.1632, 28.2591,
98.4725

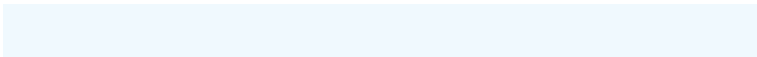
■ 26.7486, 23.3750,
97.7098

■ 24.2660, 19.3945,
97.0723

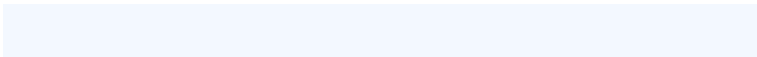
Harmonies

Analogous

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



87.5409, 93.4095, 106.8140



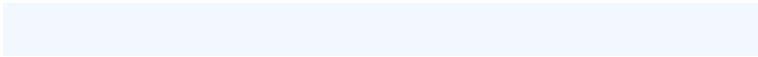
88.5795, 93.4095, 107.9689



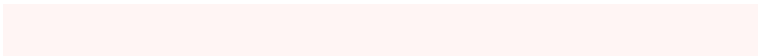
89.6812, 93.4095, 107.4175

Triad

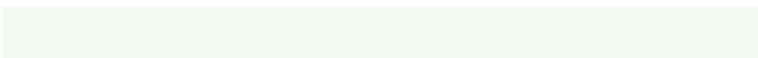
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5795, 93.4095, 107.9689



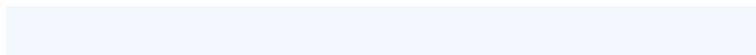
90.7551, 93.4095, 99.1647



87.0403, 93.4095, 98.1751

Complementary

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



88.5795, 93.4095, 107.9689



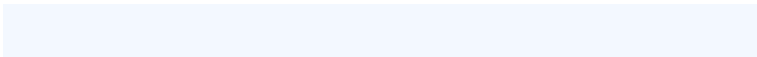
91.6022, 96.0998, 98.5165

Split Complementary

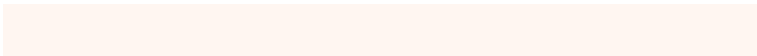
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.8907, 93.4095, 96.2027



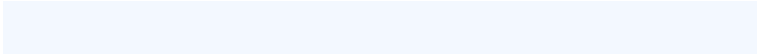
88.5795, 93.4095, 107.9689



90.0366, 93.4095, 96.7656

Square

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



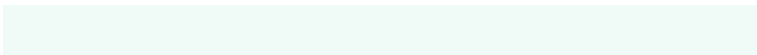
88.5795, 93.4095, 107.9689



90.9433, 93.4095, 102.2912



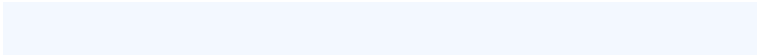
88.9867, 93.4095, 95.6921



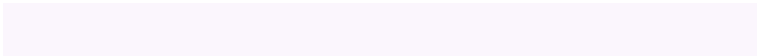
86.6571, 93.4095, 101.1251

Rectangle

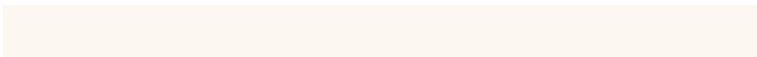
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.5795, 93.4095, 107.9689



90.3023, 93.4095, 106.1624



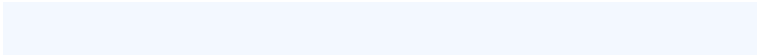
88.9867, 93.4095, 95.6921



87.2807, 93.4095, 97.3782

Sweetspot

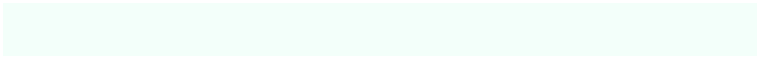
The Sweet Spot groups the original color and five complimentary colors.



88.5819, 93.4134, 107.9696



93.6457, 98.5748, 108.6989



89.9468, 97.4646, 104.3506



20.0588, 21.1141, 23.2682



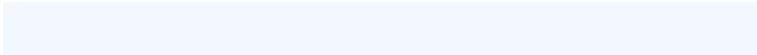
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.5819, 93.4134, 107.9696



86.8639, 91.6537, 107.7205



87.3405, 90.5198, 107.4765



18.4091, 19.4295, 23.0300



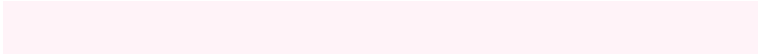
12.2830, 9.4755, 50.6162



1.3009, 1.1324, 4.9633

Inverse Universe

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



90.2353, 92.1399, 101.8405



88.9589, 90.0625, 99.9493



92.8842, 99.0998, 99.0280



18.9047, 19.0558, 21.1908



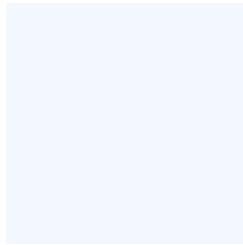
22.9881, 11.6845, 8.5876



2.2912, 1.1589, 1.1150

Previews

White Background



This preview shows how the XYZ color 88.5795, 93.4095, 107.9689 looks on a white background.

Color Contrast Check

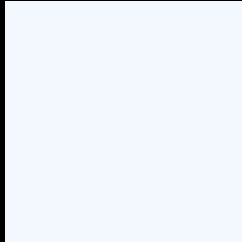
Large Text (above 18pt) WCAG AA × Fail

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 88.5795, 93.4095, 107.9689 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

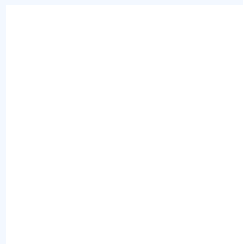
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.5795, 93.4095, 107.9689

Background



This preview shows how black text looks on a background with the XYZ color 88.5795, 93.4095, 107.9689.



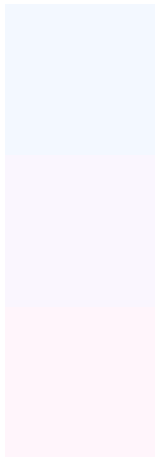
This preview shows how white text looks on a background with the XYZ color 88.5795, 93.4095,

107.9589.

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

88.5795, 93.4095, 107.9689

Protanopia

90.2695, 93.3913, 107.0345

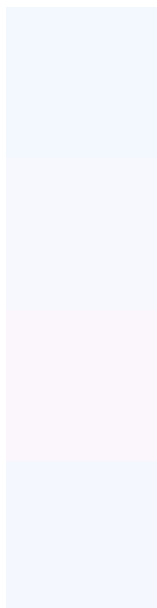
Deuteranopia

91.3050, 93.5299, 104.5076

Tritanopia

89.3168, 93.3344, 107.9156

Trichromacy



Original Color

88.5795, 93.4095, 107.9689

Protanomaly

89.5079, 93.4514, 107.0863

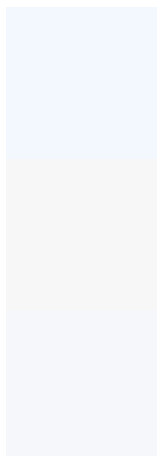
Deuteranomaly

90.3101, 93.4490, 105.3731

Tritanomaly

88.9670, 93.1540, 107.8992

Monochromacy



Original Color

88.5795, 93.4095, 107.9689

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.5221, 93.0165, 103.7308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5795, 93.4095, 107.9689 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, 248, 255) looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.5795, 93.4095, 107.9689 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, 248, 255) }
```


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

```
.border{ border-color:rgb(243, 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(243, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5795, 93.4095, 107.9689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 248, 255) }
```

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

```
.background{ background-color: rgb(243,  
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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