

Converting Colors

XYZ(89.2383, 94.9653,
108.2345)

Have a look what the booklet for
XYZ(89.2383, 94.9653, 108.2345)
contains.

XYZ(89.5093, 95.2690, 108.2789)	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(89.5093, 95.2690,
108.2789)**

Conversions

Conversions Part 1

Format	Color
Hex	F3FBFF
RGB	243, 251, 255
RGB Percent	95%, 98%, 100%
CMY	0.0471, 0.0157, 0.0000
CMYK	0.05, 0.02, 0.00, 0.00
HSL	200°, 100%, 98%
HSV	200°, 5%, 100%
XYZ	89.5093, 95.2690, 108.2789
YIQ	249.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

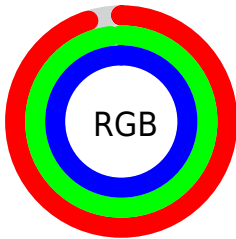
Format	Color
R _Y B	243, 248, 255
Decimal	15989759
CIE Lab	98.14, -1.89, -2.83
CIE LCh	98, 3.408, 236.268
Yxy	95.2690, 0.3054, 0.3251
Android (android.graphics.Color)	4294179839 (0xFFFBFF)
YUV	249.0640, 2.9264, -5.3181
Hunter-Lab	97.6058, -7.1170, 2.5508

Details

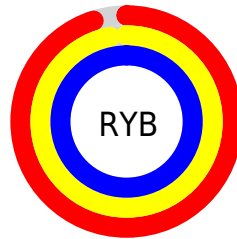
The XYZ color 89.5093, 95.2690, 108.2789 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.6775, 94.2503, 98.2084, and the grayscale version is 90.0776, 94.7686, 103.2030.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.2017, 53.6722, 61.1399 is the 20% darker color. If you saturate the color by 10%, you get 78.7208, 85.8609, 107.0315, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

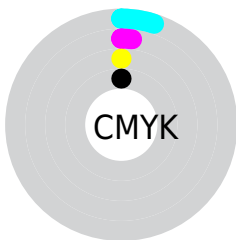
Distribution



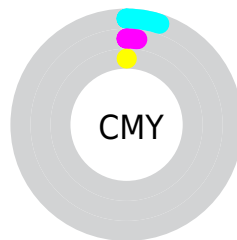
- Red (95%)
- Green (98%)
- Blue (100%)



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



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.5093, 95.2690, 108.2789 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 89.5093, 95.2690, 108.2789 by changing the saturation by 10% instead.


 89.5093, 95.2690,
108.2789

 89.5093, 95.2690,
108.2789


514.6951,
545.0258, 607.8938

 67.9087, 72.3589,
82.5770


145.5384,
154.6362, 174.6394

 50.0968, 53.4519,
61.3027


180.6976,
191.8620, 216.1351

 35.7085, 38.1636,
44.0374


221.1070,
234.6286, 263.7325

 24.3782, 26.1097,
30.3625

267.1320,
283.3203, 317.8501

 15.7406, 16.9057,
19.8595

319.1380,
338.3214, 378.9065

 9.4305, 10.1673,
12.1099

377.4902,

 5.0824, 5.5100,

400.0165, 447.3203

6.6951

442.5541,
468.7898, 523.5098

■ 2.3309, 2.5495,
3.1966

■ 0.8104, 0.9014,
1.1959

■ 89.5093, 95.2690,
108.2789

■ 89.5093, 95.2690,
108.2789

■ 78.7208, 85.8609,
107.0315

95.0500, 100.0000,
108.9000

■ 69.2193, 77.2879,
105.8776

■ 60.9522, 69.5232,
104.8145

■ 53.8603, 62.5338,
103.8392

■ 47.8790, 56.2841,
102.9482

■ 42.9373, 50.7350,
102.1375

■ 38.9550, 45.8426,
101.4031

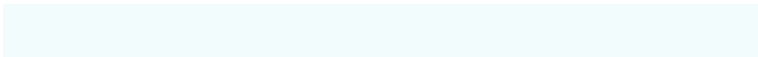
■ 35.8393, 41.5564,
100.7400

■ 33.4763, 37.8151,
100.1424

Harmonies

Analogous

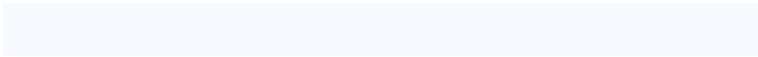
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8732, 95.2690, 106.1354



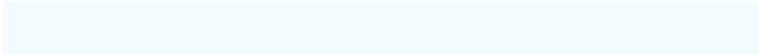
89.5093, 95.2690, 108.2789



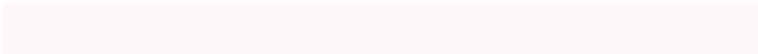
90.4279, 95.2690, 109.2035

Triad

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



89.5093, 95.2690, 108.2789



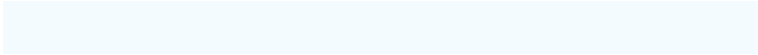
92.4413, 95.2690, 104.0829



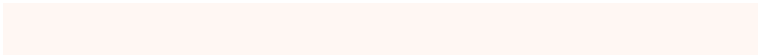
89.7200, 95.2690, 98.9733

Complementary

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



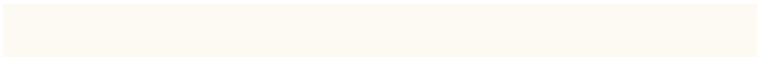
89.5093, 95.2690, 108.2789



90.6775, 94.2503, 98.2084

Split Complementary

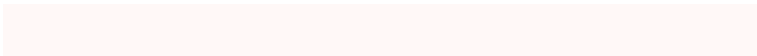
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.6729, 95.2690, 98.4459



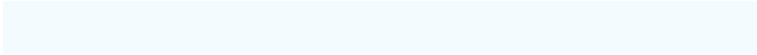
89.5093, 95.2690, 108.2789



92.2484, 95.2690, 101.3647

Square

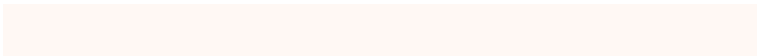
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



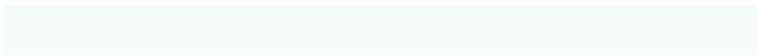
89.5093, 95.2690, 108.2789



92.1244, 95.2690, 106.7535



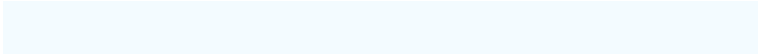
91.5994, 95.2690, 99.3137



88.9942, 95.2690, 100.7675

Rectangle

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



89.5093, 95.2690, 108.2789



91.0785, 95.2690, 108.9921



91.5994, 95.2690, 99.3137



90.0242, 95.2690, 98.6434

Sweetspot

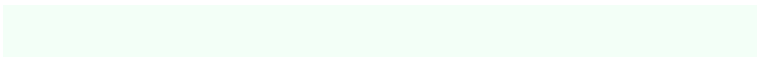
The Sweet Spot groups the original color and five complimentary colors.



89.5117, 95.2729, 108.2795



93.8478, 98.9791, 108.7663



89.4806, 97.2781, 101.8954



20.1000, 21.1964, 23.2819



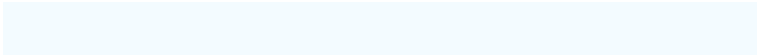
0.0000, 0.0000, 0.0000



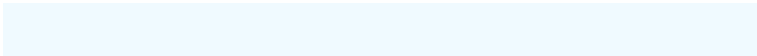
20.3446, 21.4041, 23.3091

Same Dimension

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



89.5117, 95.2729, 108.2795



88.0400, 94.0059, 108.1125



87.7262, 91.7018, 107.6843



18.6871, 19.9855, 23.1226



17.0962, 19.1019, 52.2206



1.7651, 2.0609, 5.1180

Inverse Universe

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



90.7046, 92.3277, 104.3119



89.5525, 90.2999, 103.0753



92.4802, 97.8557, 98.8093



19.0450, 19.1119, 21.9298



25.4175, 12.6563, 21.3811



2.5255, 1.2526, 2.3489

Previews

White Background



This preview shows how the XYZ color 89.5093, 95.2690, 108.2789 looks on a white background.

Color Contrast Check

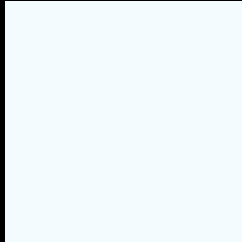
Large Text (above 18pt) WCAG AA × Fail

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 89.5093, 95.2690, 108.2789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

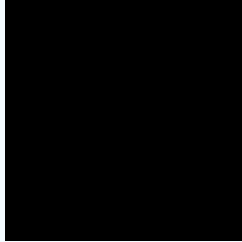
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

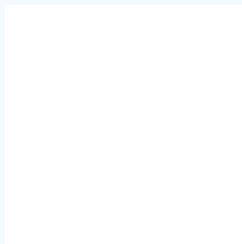
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.5093, 95.2690, 108.2789

Background



This preview shows how black text looks on a background with the XYZ color 89.5093, 95.2690, 108.2789.

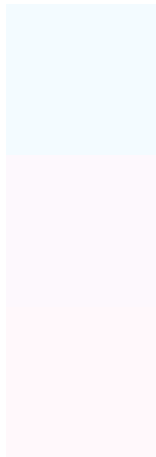


This preview shows how white text looks on a background with the XYZ color 89.5093, 95.2690,

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

89.5093, 95.2690, 108.2789

Protanopia

91.8050, 95.1093, 106.4478

Deuteranopia

92.2200, 95.3598, 104.8126

Tritanopia

90.6371, 94.9278, 108.1536

Trichromacy



Original Color

89.5093, 95.2690, 108.2789

Protanomaly

90.8320, 95.0469, 107.3244

Deuteranomaly

91.2300, 95.2889, 105.6797

Tritanomaly

90.2416, 95.1840, 108.2239

Monochromacy



Original Color

89.5093, 95.2690, 108.2789

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.9560, 95.1104, 104.8837

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.5093, 95.2690, 108.2789 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, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 251, 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, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 89.5093, 95.2690, 108.2789 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, 251, 255) }
```


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

```
.border{ border-color:rgb(243, 251, 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, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 89.5093, 95.2690, 108.2789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 251, 255) }
```

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

```
.background{ background-color: rgb(243,  
251, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor