

Converting Colors

XYZ(89.8998, 95.4106,
104.7095)

Have a look what the booklet for
XYZ(89.8998, 95.4106, 104.7095)
contains.

XYZ(89.9158, 95.5522, 104.9711)	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(89.9158, 95.5522,
104.9711)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FBFB
RGB	246, 251, 251
RGB Percent	96%, 98%, 98%
CMY	0.0353, 0.0157, 0.0157
CMYK	0.02, 0.00, 0.00, 0.02
HSL	180°, 39%, 97%
HSV	180°, 2%, 98%
XYZ	89.9158, 95.5522, 104.9711
YIQ	249.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

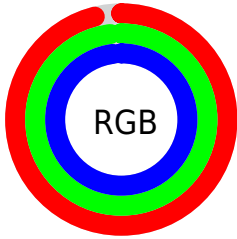
Format	Color
R _Y B	246, 249, 251
Decimal	16186363
CIE Lab	98.25, -1.64, -0.59
CIE LCh	98, 1.740, 199.670
Yxy	95.5522, 0.3096, 0.3290
Android (android.graphics.Color)	4294376443 (0xFF6FBFBF)
YUV	249.5050, 0.7370, -3.0739
Hunter-Lab	97.7508, -6.8712, 4.7561

Details

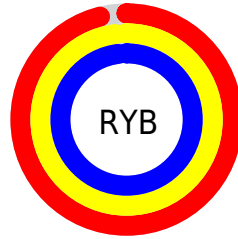
The XYZ color 89.9158, 95.5522, 104.9711 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.3775, 93.0771, 100.4485, and the grayscale version is 90.4562, 95.1670, 103.6369.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.6006, 53.9175, 59.3699 is the 20% darker color. If you saturate the color by 10%, you get 81.6973, 91.3185, 104.5715, and if you desaturate by 10%, it is 93.1551, 97.2244, 105.1416.

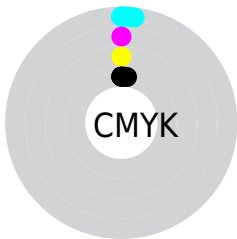
Distribution



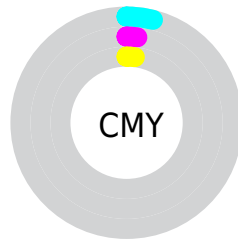
- Red (96%)
- Green (98%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.9158, 95.5522, 104.9711 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 89.9158, 95.5522, 104.9711 by changing the saturation by 10% instead.

89.9158, 95.5522,
104.9711

89.9158, 95.5522,
104.9711

515.9989,
545.9313, 597.3979

68.2469, 72.5947,
79.8186

146.1004,
155.0273, 170.0832

50.3730, 53.6446,
59.0438

181.3467,
192.3136, 210.8800

35.9289, 38.3176,
42.2282

221.8496,
235.1449, 257.7286

24.5491, 26.2293,
28.9531

267.9743,
283.9057, 311.0475

15.8684, 16.9952,
18.8001

320.0862,
338.9804, 371.2554

9.5213, 10.2311,
11.3505

378.5507,

5.1426, 5.5525,

400.7533, 438.7707

6.1860

443.7332,
469.6088, 514.0120

■ 2.3668, 2.5749,
2.8879

■ 0.8285, 0.9141,
1.0377

■ 89.9158, 95.5522,
104.9711

■ 89.9158, 95.5522,
104.9711

■ 81.6973, 91.3185,
104.5715

■ 93.1551, 97.2244,
105.1416

■ 74.6185, 87.6696,
104.2233

■ 93.1583, 97.2257,
105.1587

■ 68.6314, 84.5835,
103.9262

■ 93.1616, 97.2270,
105.1758

■ 63.6818, 82.0323,
103.6776

■ 93.1648, 97.2283,
105.1929

■ 59.7107, 79.9855,
103.4748

■ 93.1681, 97.2296,
105.2100

■ 56.6532, 78.4096,
103.3148

■ 93.1713, 97.2309,
105.2271

■ 54.4365, 77.2672,
103.1941

■ 93.1746, 97.2322,
105.2442

■ 52.9768, 76.5151,
103.1089

■ 93.1778, 97.2335,
105.2613

■ 52.1731, 76.1012,
103.0544

■ 93.1811, 97.2348,
105.2784

Harmonies

Analogous

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



89.8755, 95.5522, 103.5464



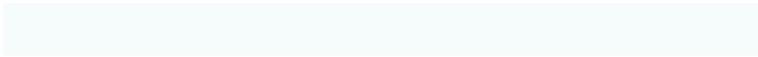
89.9158, 95.5522, 104.9711



90.1977, 95.5522, 106.1565

Triad

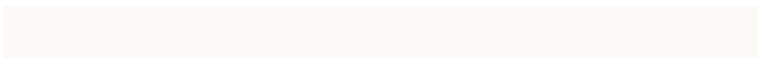
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9158, 95.5522, 104.9711



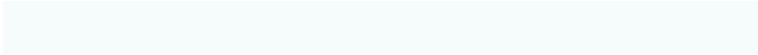
91.5555, 95.5522, 105.8351



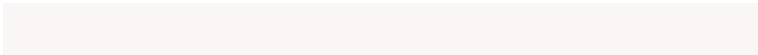
90.9923, 95.5522, 101.3506

Complementary

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



89.9158, 95.5522, 104.9711



89.3775, 93.0771, 100.4485

Split Complementary

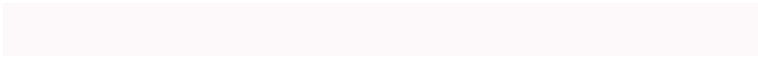
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4441, 95.5522, 101.9520



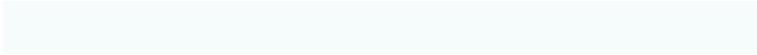
89.9158, 95.5522, 104.9711



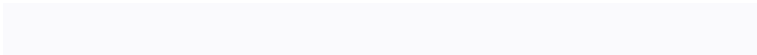
91.7701, 95.5522, 104.5354

Square

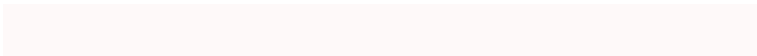
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



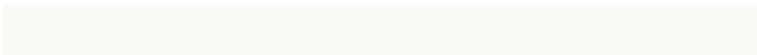
89.9158, 95.5522, 104.9711



91.1440, 95.5522, 106.6585



91.7292, 95.5522, 103.1146



90.4958, 95.5522, 101.4649

Rectangle

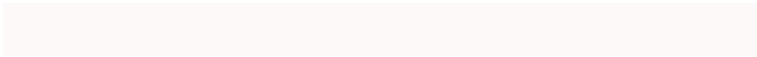
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



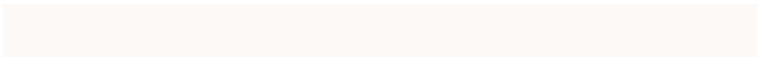
89.9158, 95.5522, 104.9711



90.4854, 95.5522, 106.6475



91.7292, 95.5522, 103.1146



91.1544, 95.5522, 101.4756

Sweetspot

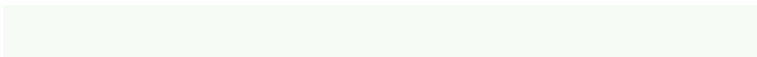
The Sweet Spot groups the original color and five complimentary colors.



89.9185, 95.5563, 104.9732



94.1177, 99.5194, 108.8546



89.1697, 95.2602, 100.8775



20.1549, 21.3063, 23.2998



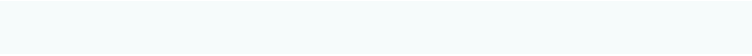
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



89.9185, 95.5563, 104.9732



93.1978, 99.0453, 108.8098



89.1684, 94.0550, 104.7263



19.1157, 20.3045, 22.2963



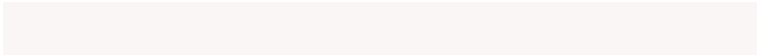
27.2691, 39.9207, 54.1539



2.5258, 3.6974, 5.0166

Inverse Universe

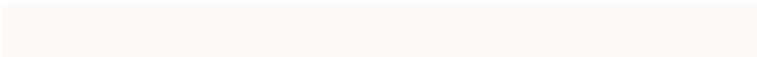
The Inverse Universe completely reimagines the original color for something new.



89.3775, 93.0771, 100.4485



92.6348, 96.4652, 104.1010



90.1174, 94.5578, 100.6920



19.0062, 19.8027, 21.3804



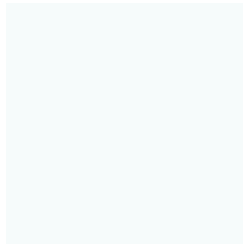
20.9128, 10.7808, 0.9831



1.9371, 0.9986, 0.0921

Previews

White Background



This preview shows how the XYZ color 89.9158, 95.5522, 104.9711 looks on a white background.

Color Contrast Check

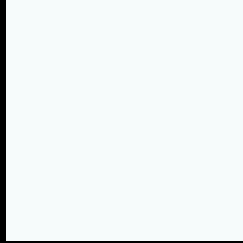
Large Text (above 18pt) WCAG AA × Fail

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 89.9158, 95.5522, 104.9711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

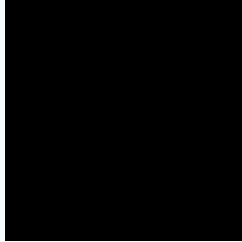
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.9158, 95.5522, 104.9711

Background



This preview shows how black text looks on a background with the XYZ color 89.9158, 95.5522, 104.9711.



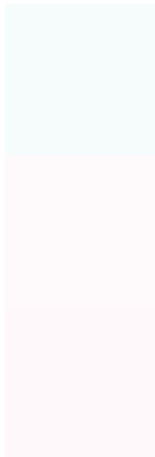
This preview shows how white text looks on a background with the XYZ color 89.9158, 95.5522,

104.9711.

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

89.9158, 95.5522, 104.9711

Protanopia

92.0041, 95.7243, 104.0700

Deuteranopia

92.2200, 95.3598, 104.8126

Tritanopia

91.3500, 95.2954, 108.1869

Trichromacy

Original Color

89.9158, 95.5522, 104.9711

Protanomaly

91.2246, 95.7826, 104.1223

Deuteranomaly

91.4332, 95.4118, 104.8641

Tritanomaly

91.1419, 95.6667, 107.4278

Monochromacy

Original Color

89.9158, 95.5522, 104.9711

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.5078, 95.4131, 104.0888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.9158, 95.5522, 104.9711 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, 251, 251) looks like.

```
.text, #text, p{  
    color:rgb(246, 251, 251)  
}
```

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, 251, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 251, 251) }
```

Border

The CSS property to change the border of an element to XYZ 89.9158, 95.5522, 104.9711 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, 251, 251) }
```


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

```
.border{ border-color:rgb(246, 251, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 251, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 251, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 251, 251);  
box-shadow:4px 4px 4px 4px rgb(246, 251,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 89.9158, 95.5522, 104.9711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 251, 251) }
```

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

```
.background{ background-color: rgb(246,  
251, 251) }
```

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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