

Converting Colors

XYZ(58.2667, 79.8941,
104.8340)

Have a look what the booklet for
XYZ(58.2667, 79.8941, 104.8340)
contains.

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Color

**XYZ(58.0900, 79.5921,
104.3966)**

Conversions

Conversions Part 1

Format	Color
Hex	68FCFC
RGB	104, 252, 252
RGB Percent	41%, 99%, 99%
CMY	0.5921, 0.0117, 0.0118
CMYK	0.59, 0.00, 0.00, 0.01
HSL	180°, 96%, 70%
HSV	180°, 59%, 99%
XYZ	58.0900, 79.5921, 104.3966
YIQ	207.7480, -88.2080, -31.3760

Conversions

Conversions Part 2

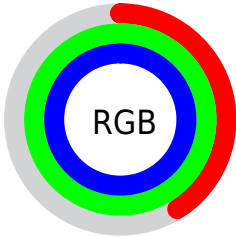
Format	Color
RYB	104, 178, 252
Decimal	6880508
CIELab	91.50, -39.05, -11.87
CIELCh	92, 40.814, 196.903
Yxy	79.5921, 0.2400, 0.3288
Android (android.graphics.Color)	4285070588 (0xFF68FCFC)
YUV	207.7480, 21.8162, -90.9870
Hunter-Lab	89.2144, -39.8989, -6.9297

Details

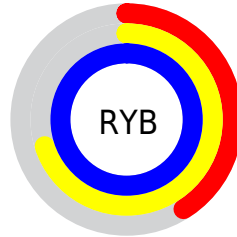
The XYZ color **58.0900, 79.5921, 104.3966** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **47.5966, 31.5980, 16.6897**, and the grayscale version is **59.6977, 62.8066, 68.3964**.

A 20% lighter version of the original color is **69.9584, 87.0648, 107.7257**, and **29.3780, 42.9768, 58.3767** is the 20% darker color. If you saturate the color by 10%, you get **55.5910, 78.3056, 104.2811**, and if you desaturate by 10%, it is **61.4675, 81.3351, 104.5567**.

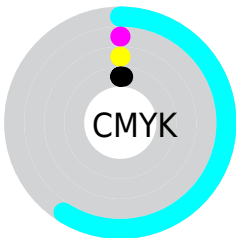
Distribution



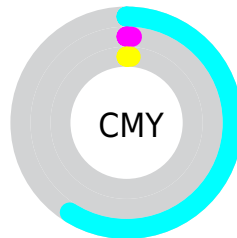
- Red (41%)
- Green (99%)
- Blue (99%)



- Red (41%)
- Yellow (70%)
- Blue (99%)



- Cyan (59%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (59%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0900, 79.5921, 104.3966 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 58.0900, 79.5921, 104.3966 by changing the saturation by 10% instead.

58.0900, 79.5921,
104.3966

58.0900, 79.5921,
104.3966

407.4697,
493.5571, 595.5651

42.1245, 59.3828,
79.3401

101.1761,
132.7921, 169.2905

29.3904, 42.9213,
58.6525

129.0275,
166.5515, 209.9650

19.5221, 29.8234,
41.9153

161.5716,
205.5964, 256.6825

12.1544, 19.7046,
28.7099

199.1737,
250.3112, 309.8616

6.9218, 12.1805,
18.6178

242.1992,
301.0803, 369.9209

3.4592, 6.8667,
11.2204

291.0135,

1.4010, 3.3789,

358.2881, 437.2789

6.0993

345.9818,
422.3189, 512.3541

■ 0.2569, 1.3326,
2.8358

■ 0.0000, 0.1662,
1.0114

■ 58.0900, 79.5921,
104.3966

■ 58.0900, 79.5921,
104.3966

■ 55.5910, 78.3056,
104.2811

■ 61.4675, 81.3351,
104.5567

■ 53.8828, 77.4250,
104.2009

■ 65.7870, 83.5618,
104.7592

■ 52.8725, 76.9042,
104.1533

■ 71.1142, 86.3081,
105.0088

■ 52.4225, 76.6722,
104.1319

■ 77.5071, 89.6037,
105.3083

■ 52.3823, 76.6515,
104.1300

■ 85.0191, 93.4763,
105.6602

■ 93.6229, 97.9118,
106.0631

■ 93.6230, 97.9118,
106.0634

■ 93.6230, 97.9118,
106.0637

■ 93.6231, 97.9118,
106.0640

Harmonies

Analogous

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



57.8023, 79.5921, 74.3260



58.0900, 79.5921, 104.3966



62.7974, 79.5921, 135.5486

Triad

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



58.0900, 79.5921, 104.3966



91.2057, 79.5921, 131.9577



80.2706, 79.5921, 42.0056

Complementary

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



58.0900, 79.5921, 104.3966



47.5966, 31.5980, 16.6897

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.



90.1463, 79.5921, 51.2196



58.0900, 79.5921, 104.3966



96.8382, 79.5921, 100.2931

Square

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



58.0900, 79.5921, 104.3966



81.6123, 79.5921, 153.7908



96.4336, 79.5921, 71.0595



69.9852, 79.5921, 42.6158

Rectangle

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



58.0900, 79.5921, 104.3966



68.0759, 79.5921, 150.7106



96.4336, 79.5921, 71.0595



83.7659, 79.5921, 43.9475

Sweetspot

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



58.0924, 79.5951, 104.3985



80.1327, 92.3099, 108.2013



43.3111, 73.7162, 25.0447



16.7124, 19.5317, 23.1390



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.



58.0924, 79.5951, 104.3985



56.8300, 80.2969, 107.1092



39.6979, 42.8056, 98.2687



17.7659, 19.6086, 22.2337



27.2856, 39.9272, 54.2406



2.5271, 3.6980, 5.0236

Inverse Universe

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



47.5966, 31.5980, 16.6897



45.1811, 27.0269, 9.7648



58.0805, 52.5661, 20.1838



17.2447, 17.2252, 17.8784



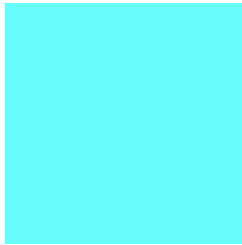
20.9119, 10.7805, 0.9787



1.9368, 0.9985, 0.0907

Previews

White Background



This preview shows how the XYZ color 58.0900, 79.5921, 104.3966 looks on a white background.

Color Contrast Check

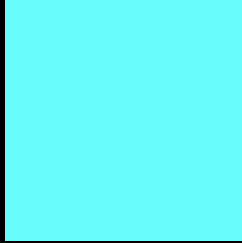
Large Text (above 18pt) WCAG AA × Fail

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 58.0900, 79.5921, 104.3966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

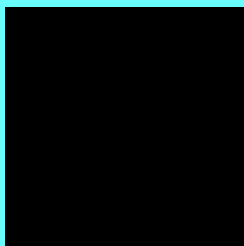
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

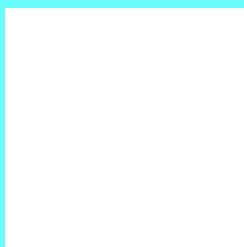
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0900, 79.5921, 104.3966

Background



This preview shows how black text looks on a background with the XYZ color 58.0900, 79.5921, 104.3966.

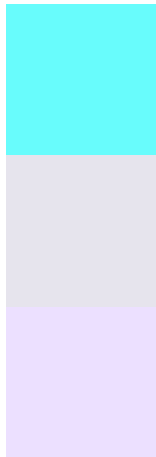


This preview shows how white text looks on a background with the XYZ color 58.0900, 79.5921,

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

58.0900, 79.5921, 104.3966

Protanopia

75.6626, 78.4242, 91.2703

Deuteranopia

79.2977, 78.3642, 105.5541



Tritanopia

65.9506, 79.0491, 106.3898

Trichromacy



Original Color

58.0900, 79.5921, 104.3966



Protanomaly

66.0784, 77.1695, 95.4169



Deuteranomaly

68.0512, 76.6928, 104.9824



Tritanomaly

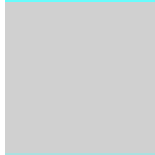
62.5222, 79.0870, 105.7360

Monochromacy



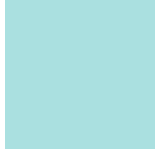
Original Color

58.0900, 79.5921, 104.3966



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

56.6878, 67.2392, 80.5117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0900, 79.5921, 104.3966 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(104, 252, 252)` looks like.

```
.text, #text, p{  
    color:rgb(104, 252, 252)  
}
```

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(104, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 252, 252) }
```

Border

The CSS property to change the border of an element to XYZ 58.0900, 79.5921, 104.3966 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(104, 252, 252) }
```


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

```
.border{ border-color:rgb(104, 252, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 252, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(104, 252,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0900, 79.5921, 104.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 252, 252) }
```

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

```
.background{ background-color: rgb(104,  
252, 252) }
```

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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