

Converting Colors

XYZ(58.1091, 79.9110,
100.8860)

Have a look what the booklet for
XYZ(58.1091, 79.9110, 100.8860)
contains.

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Color

**XYZ(58.0604, 79.6493,
101.1207)**

Conversions

Conversions Part 1

Format	Color
Hex	6DFCF8
RGB	109, 252, 248
RGB Percent	43%, 99%, 97%
CMY	0.5725, 0.0117, 0.0274
CMYK	0.57, 0.00, 0.02, 0.01
HSL	178°, 96%, 71%
HSV	178°, 57%, 99%
XYZ	58.0604, 79.6493, 101.1207
YIQ	208.7870, -83.9440, -31.5600

Conversions

Conversions Part 2

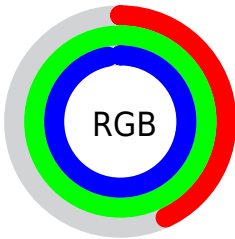
Format	Color
RYB	109, 182, 252
Decimal	7208184
CIELab	91.53, -39.23, -9.74
CIELCh	92, 40.425, 193.939
Yxy	79.6493, 0.2431, 0.3335
Android (android.graphics.Color)	4285398264 (0xFF6DFCF8)
YUV	208.7870, 19.3320, -87.5132
Hunter-Lab	89.2465, -40.0559, -4.7060

Details

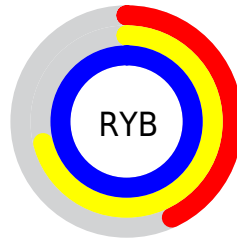
The XYZ color **58.0604, 79.6493, 101.1207** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **48.5969, 32.8275, 19.4006**, and the grayscale version is **60.3852, 63.5299, 69.1841**.

A 20% lighter version of the original color is **70.8233, 87.5107, 107.7662**, and **29.4555, 43.0556, 56.6273** is the 20% darker color. If you saturate the color by 10%, you get **55.2848, 78.2329, 100.4224**, and if you desaturate by 10%, it is **61.7295, 81.5300, 101.8665**.

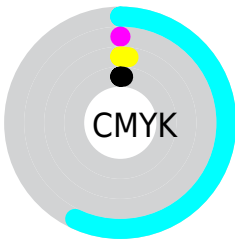
Distribution



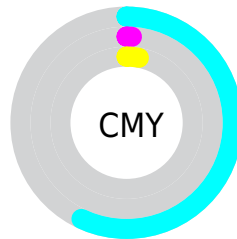
- Red (43%)
- Green (99%)
- Blue (97%)



- Red (43%)
- Yellow (71%)
- Blue (99%)



- Cyan (57%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)





- Cyan (57%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0604, 79.6493, 101.1207 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 58.0604, 79.6493, 101.1207 by changing the saturation by 10% instead.


 58.0604, 79.6493,
101.1207


 58.0604, 79.6493,
101.1207


407.3612,
493.7502, 585.0571


 42.1007, 59.4298,
76.6147


 101.1333,
132.8726, 164.7617

 29.3716, 42.9592,
56.4270


 128.9771,
166.6451, 204.7338

 19.5078, 29.8531,
40.1391

 161.5130,
205.7041, 250.6984

 12.1439, 19.7271,
27.3324

199.1064,
250.4340, 303.0740

 6.9147, 12.1968,
17.5884

242.1225,
301.2192, 362.2791

 3.4547, 6.8779,
10.4885

290.9268,

 1.3985, 3.3858,

358.4440, 428.7323

5.6142

345.8846,
422.4929, 502.8521

■ 0.2552, 1.3363,
2.5470

■ 0.0000, 0.1691,
0.8649

■ 58.0604, 79.6493,
101.1207

■ 58.0604, 79.6493,
101.1207

■ 55.2848, 78.2329,
100.4224

■ 61.7295, 81.5300,
101.8665

■ 53.3175, 77.2313,
99.7623

■ 66.3541, 83.9013,
102.6575

■ 52.0689, 76.6001,
99.1379

■ 71.9987, 86.7984,
103.4983

■ 51.4234, 76.2798,
98.5440

■ 78.7203, 90.2507,
104.3917

■ 51.2856, 76.2128,
98.3544

■ 86.5717, 94.2854,
105.3401

■ 93.6594, 97.9263,
106.2549

■ 93.7715, 97.9712,
106.8455

■ 93.8841, 98.0162,
107.4382

■ 93.9970, 98.0614,
108.0332

Harmonies

Analogous

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



58.2196, 79.6493, 71.9572



58.0604, 79.6493, 101.1207



62.3175, 79.6493, 132.3459

Triad

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



58.0604, 79.6493, 101.1207



90.2980, 79.6493, 134.3249



81.3179, 79.6493, 42.8336

Complementary

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



58.0604, 79.6493, 101.1207



48.5969, 32.8275, 19.4006

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.



90.8827, 79.6493, 53.0152



58.0604, 79.6493, 101.1207



96.3799, 79.6493, 103.3856

Square

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



58.0604, 79.6493, 101.1207



80.5769, 79.6493, 154.2589



96.6031, 79.6493, 73.7640



71.0321, 79.6493, 42.4947

Rectangle

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



58.0604, 79.6493, 101.1207



67.3310, 79.6493, 148.3216



96.6031, 79.6493, 73.7640



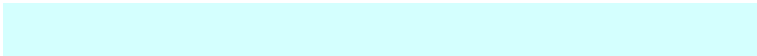
84.7445, 79.6493, 45.0926

Sweetspot

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



58.0628, 79.6524, 101.1226



80.6658, 92.6072, 107.2104



44.4824, 74.2898, 26.4650



16.9505, 19.6597, 22.9071



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.



58.0628, 79.6524, 101.1226



56.4834, 80.2073, 103.0679



41.2849, 45.0921, 98.6264



17.7436, 19.5997, 22.1164



26.7240, 39.7026, 51.2835



2.4816, 3.6797, 4.7837

Inverse Universe

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



48.5969, 32.8275, 19.4006



45.9252, 27.9136, 11.8675



58.3812, 52.7489, 21.5746



17.2643, 17.2331, 17.9816



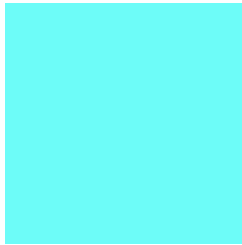
20.9409, 10.7921, 1.1310



1.9462, 1.0022, 0.1401

Previews

White Background



This preview shows how the XYZ color 58.0604, 79.6493, 101.1207 looks on a white background.

Color Contrast Check

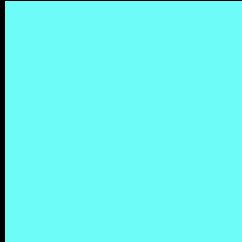
Large Text (above 18pt) WCAG AA × Fail

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 58.0604, 79.6493, 101.1207 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 58.0604, 79.6493, 101.1207

Background



This preview shows how black text looks on a background with the XYZ color 58.0604, 79.6493, 101.1207.

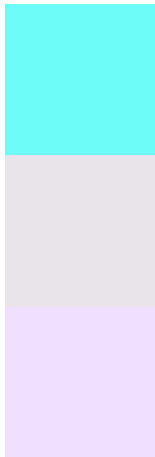


This preview shows how white text looks on a background with the XYZ color 58.0604, 79.6493,

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

58.0604, 79.6493, 101.1207

Protanopia

75.7301, 78.5258, 88.2564

Deuteranopia

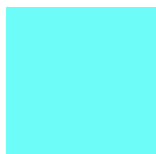
80.2122, 78.4564, 104.6819



Tritanopia

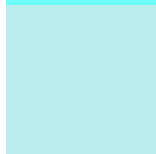
66.3797, 79.2703, 106.4099

Trichromacy



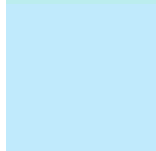
Original Color

58.0604, 79.6493, 101.1207



Protanomaly

66.2103, 77.3062, 92.3209



Deuteranomaly

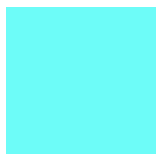
68.7317, 77.0804, 103.3509



Tritanomaly

62.7392, 79.2357, 104.0828

Monochromacy



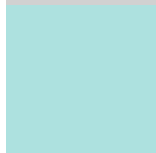
Original Color

58.0604, 79.6493, 101.1207



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.4781, 68.0624, 79.9200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0604, 79.6493, 101.1207 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(109, 252, 248)` looks like.

```
.text, #text, p{  
    color:rgb(109, 252, 248)  
}
```

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(109, 252, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 252, 248) }
```

Border

The CSS property to change the border of an element to XYZ 58.0604, 79.6493, 101.1207 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(109, 252, 248) }
```


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

```
.border{ border-color:rgb(109, 252, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 252, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 252, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 252, 248); box-shadow:4px 4px 4px 4px rgb(109, 252, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0604, 79.6493, 101.1207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 252, 248) }
```

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

```
.background{ background-color: rgb(109,  
252, 248) }
```

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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