

Converting Colors

XYZ(76.1888, 115.9580,
108.7275)

Have a look what the booklet for
XYZ(76.1888, 115.9580, 108.7275)
contains.

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Color

**XYZ(58.9592, 81.4863,
103.0634)**

Conversions

Conversions Part 1

Format	Color
Hex	6AFFFA
RGB	106, 255, 250
RGB Percent	42%, 100%, 98%
CMY	0.5843, 0.0000, 0.0196
CMYK	0.58, 0.00, 0.02, 0.00
HSL	178°, 100%, 71%
HSV	178°, 58%, 100%
XYZ	58.9592, 81.4863, 103.0634
YIQ	209.8790, -87.1990, -33.1430

Conversions

Conversions Part 2

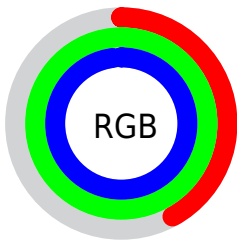
Format	Color
RYB	106, 182, 255
Decimal	7012346
CIELab	92.35, -40.59, -9.57
CIELCh	92, 41.704, 193.259
Yxy	81.4863, 0.2421, 0.3346
Android (android.graphics.Color)	4285202426 (0xFF6AFFFA)
YUV	209.8790, 19.7797, -91.1019
Hunter-Lab	90.2698, -41.3858, -4.5041

Details

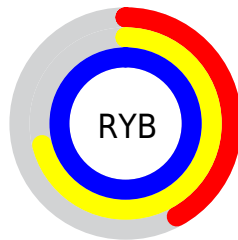
The XYZ color **58.9592, 81.4863, 103.0634** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **49.2644, 32.7175, 18.7592**, and the grayscale version is **61.0955, 64.2772, 69.9979**.

A 20% lighter version of the original color is **70.3876, 87.2860, 107.7458**, and **30.0697, 44.3544, 58.0153** is the 20% darker color. If you saturate the color by 10%, you get **56.2330, 80.0963, 102.2385**, and if you desaturate by 10%, it is **62.5890, 83.3420, 103.9366**.

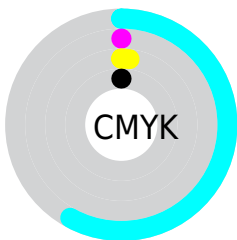
Distribution



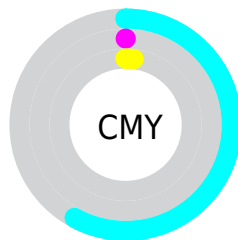
- Red (42%)
- Green (100%)
- Blue (98%)



- Red (42%)
- Yellow (71%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)




- Cyan (58%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9592, 81.4863, 103.0634 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 58.9592, 81.4863, 103.0634 by changing the saturation by 10% instead.


 58.9592, 81.4863,
103.0634


 58.9592, 81.4863,
103.0634


410.6472,
499.9278, 591.3006


 42.8265, 60.9422,
78.2303

 102.4333,
135.4534, 167.4491

 29.9430, 44.1785,
57.7456

 130.5055,
169.6452, 207.8388

 19.9431, 30.8109,
41.1908


 163.2882,
209.1549, 254.2511

 12.4617, 20.4549,
28.1474

201.1468,
254.3671, 307.1046

 7.1334, 12.7261,
18.1968

244.4466,
305.6661, 366.8177

 3.5927, 7.2402,
10.9205

293.5531,

 1.4744, 3.6128,

363.4363, 433.8090

5.8999

348.8315,
428.0620, 508.4971

■ 0.3083, 1.4594,
2.7165

■ 0.0000, 0.2599,
0.9517

■ 58.9592, 81.4863,
103.0634

■ 58.9592, 81.4863,
103.0634

■ 56.2330, 80.0963,
102.2385

■ 62.5890, 83.3420,
103.9366

■ 54.3244, 79.1278,
101.4537

■ 67.1913, 85.6989,
104.8571

■ 53.1369, 78.5310,
100.7057

■ 72.8324, 88.5913,
105.8293

■ 52.5339, 78.2354,
99.9883

■ 79.5717, 92.0499,
106.8562

■ 52.4630, 78.2012,
99.8770

■ 87.4643, 96.1028,
107.9402

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



59.2316, 81.4863, 72.6855



58.9592, 81.4863, 103.0634



63.3012, 81.4863, 135.9949

Triad

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



58.9592, 81.4863, 103.0634



92.5573, 81.4863, 139.4171



83.5819, 81.4863, 43.1189

Complementary

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



58.9592, 81.4863, 103.0634



49.2644, 32.7175, 18.7592

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.



93.5648, 81.4863, 53.9148



58.9592, 81.4863, 103.0634



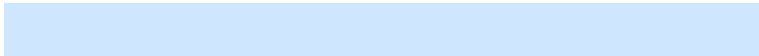
99.0671, 81.4863, 106.9653

Square

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



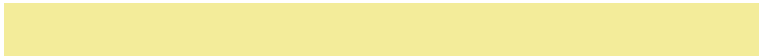
58.9592, 81.4863, 103.0634



82.3072, 81.4863, 160.0419



99.4521, 81.4863, 75.7817



72.7883, 81.4863, 42.5438

Rectangle

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



58.9592, 81.4863, 103.0634



68.4844, 81.4863, 153.0755



99.4521, 81.4863, 75.7817



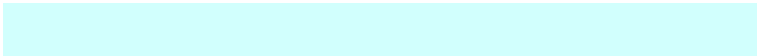
87.1664, 81.4863, 45.5342

Sweetspot

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



58.9603, 81.4869, 103.0649



79.8858, 92.2111, 106.9014



45.2309, 76.1019, 25.9430



16.6511, 19.5071, 22.8160



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.



58.9603, 81.4869, 103.0649



55.8811, 79.9174, 102.1126



41.9680, 46.2312, 101.3193



18.5270, 20.4703, 23.0781



27.4248, 40.8665, 52.2498



2.6782, 3.9822, 5.1292

Inverse Universe

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



49.2644, 32.7175, 18.7592



45.4007, 27.1147, 10.9212



58.7959, 52.2087, 20.6161



18.0341, 17.9969, 18.7966



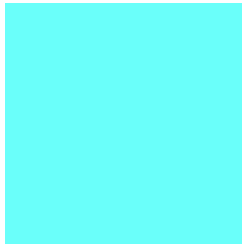
21.5839, 11.1229, 1.1936



2.1098, 1.0863, 0.1599

Previews

White Background



This preview shows how the XYZ color 58.9592, 81.4863, 103.0634 looks on a white background.

Color Contrast Check

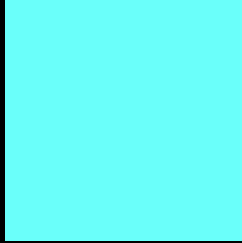
Large Text (above 18pt) WCAG AA × Fail

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 58.9592, 81.4863, 103.0634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

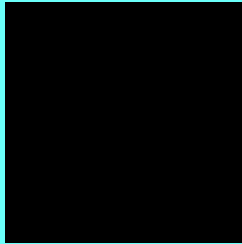
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9592, 81.4863, 103.0634

Background



This preview shows how black text looks on a background with the XYZ color 58.9592, 81.4863, 103.0634.

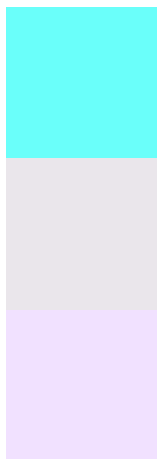


This preview shows how white text looks on a background with the XYZ color 58.9592, 81.4863,

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

58.9592, 81.4863, 103.0634

Protanopia

77.2239, 80.0842, 89.9849

Deuteranopia

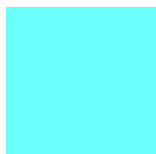
81.2508, 79.7712, 105.7227



Tritanopia

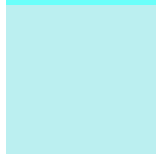
68.4607, 80.7862, 106.5928

Trichromacy



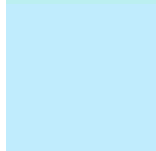
Original Color

58.9592, 81.4863, 103.0634



Protanomaly

67.0882, 78.5891, 94.0714



Deuteranomaly

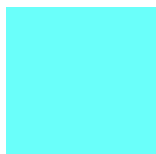
69.4633, 78.2892, 104.3787



Tritanomaly

63.9393, 80.2888, 105.0558

Monochromacy



Original Color

58.9592, 81.4863, 103.0634



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.8002, 68.5996, 81.4288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9592, 81.4863, 103.0634 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(106, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(106, 255, 250)  
}
```

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(106, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 58.9592, 81.4863, 103.0634 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(106, 255, 250) }
```


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

```
.border{ border-color:rgb(106, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(106, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9592, 81.4863, 103.0634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 255, 250) }
```

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

```
.background{ background-color: rgb(106,  
255, 250) }
```

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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