

Converting Colors

XYZ(57.0273, 80.4669,
104.0327)

Have a look what the booklet for
XYZ(57.0273, 80.4669, 104.0327)
contains.

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Color

**XYZ(57.0103, 80.4635,
103.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	56FFFB
RGB	86, 255, 251
RGB Percent	34%, 100%, 98%
CMY	0.6627, 0.0000, 0.0157
CMYK	0.66, 0.00, 0.02, 0.00
HSL	179°, 100%, 67%
HSV	179°, 66%, 100%
XYZ	57.0103, 80.4635, 103.7930
YIQ	204.0130, -99.4400, -37.0720

Conversions

Conversions Part 2

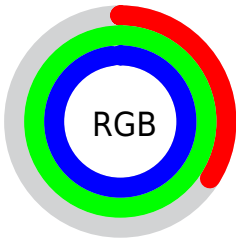
Format	Color
RYB	86, 172, 255
Decimal	5701627
CIELab	91.89, -43.38, -10.81
CIELCh	92, 44.708, 193.995
Yxy	80.4635, 0.2363, 0.3335
Android (android.graphics.Color)	4283891707 (0xFF56FFFB)
YUV	204.0130, 23.1646, -103.4974
Hunter-Lab	89.7014, -43.5308, -5.8131

Details

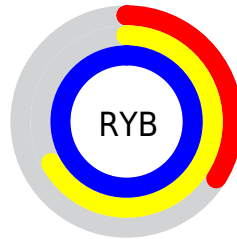
The XYZ color **57.0103, 80.4635, 103.7930** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **46.4143, 28.6553, 12.7592**, and the grayscale version is **57.3072, 60.2916, 65.6576**.

A 20% lighter version of the original color is **67.3276, 85.7086, 107.6026**, and **30.0444, 44.3283, 58.6025** is the 20% darker color. If you saturate the color by 10%, you get **54.9722, 79.4237, 103.2033**, and if you desaturate by 10%, it is **59.8879, 81.9359, 104.4264**.

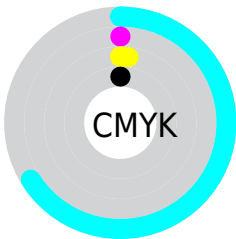
Distribution



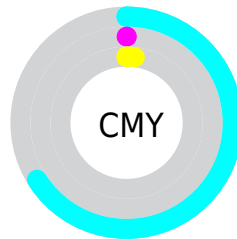
- Red (34%)
- Green (100%)
- Blue (98%)



- Red (34%)
- Yellow (67%)
- Blue (100%)



- Cyan (66%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (66%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0103, 80.4635, 103.7930 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 57.0103, 80.4635, 103.7930 by changing the saturation by 10% instead.


 57.0103, 80.4635,
103.7930


 57.0103, 80.4635,
103.7930


403.5015,
496.4935, 593.6364

 41.2537, 60.0998,
78.8375

 99.6115, 134.0172,
168.4571


 28.7059, 43.4991,
58.2417


 127.1868,
167.9760, 209.0028

 19.0016, 30.2769,
41.5870


 159.4323,
207.2354, 255.5824

 11.7755, 20.0489,
28.4549

 196.7135,
252.1796, 308.6143

 6.6621, 12.4306,
18.4268

239.3956,
303.1931, 368.5171

 3.2961, 7.0376,
11.0843

287.8441,

 1.3122, 3.4856,

360.6604, 435.7093

6.0086

342.4243,
424.9657, 510.6096

■ 0.1923, 1.3902,
2.7815

■ 0.0000, 0.2095,
0.9842

■ 57.0103, 80.4635,
103.7930

■ 57.0103, 80.4635,
103.7930

■ 54.9722, 79.4237,
103.2033

■ 59.8879, 81.9359,
104.4264

■ 53.6766, 78.7668,
102.6485

■ 63.6817, 83.8806,
105.1029

■ 53.0078, 78.4329,
102.1247

■ 68.4635, 86.3346,
105.8271

■ 52.8537, 78.3575,
101.9342

■ 74.2971, 89.3308,
106.6022

■ 81.2408, 92.8993,
107.4308

■ 89.3488, 97.0679,
108.3155

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.



57.1751, 80.4635, 71.3227



57.0103, 80.4635, 103.7930



61.6825, 80.4635, 139.2208

Triad

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



57.0103, 80.4635, 103.7930



92.8446, 80.4635, 141.3653



82.7223, 80.4635, 39.8379

Complementary

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



57.0103, 80.4635, 103.7930



46.4143, 28.6553, 12.7592

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.



93.4686, 80.4635, 50.6511



57.0103, 80.4635, 103.7930



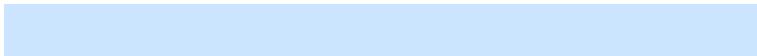
99.6997, 80.4635, 106.2078

Square

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



57.0103, 80.4635, 103.7930



81.9373, 80.4635, 164.3108



99.9389, 80.4635, 73.2050



71.2670, 80.4635, 39.4998

Rectangle

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



57.0103, 80.4635, 103.7930



67.2092, 80.4635, 157.5316



99.9389, 80.4635, 73.2050



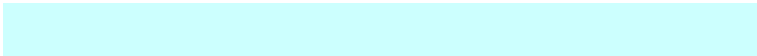
86.5623, 80.4635, 42.2177

Sweetspot

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



57.0114, 80.4640, 103.7945



78.5181, 91.4999, 107.1154



41.8180, 74.4489, 20.9720



16.3894, 19.3706, 22.8773



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.



57.0114, 80.4640, 103.7945



54.4078, 79.1368, 102.9925



37.4409, 40.3035, 100.4137



18.5352, 20.4736, 23.1214



27.6256, 40.9468, 53.3071



2.6955, 3.9891, 5.2202

Inverse Universe

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



46.4143, 28.6553, 12.7592



43.1334, 23.9115, 6.0612



56.3520, 48.7959, 15.2545



18.0268, 17.9940, 18.7583



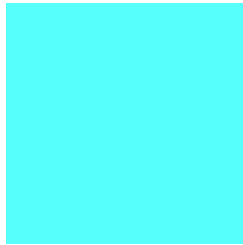
21.5736, 11.1187, 1.1390



2.1064, 1.0849, 0.1417

Previews

White Background



This preview shows how the XYZ color 57.0103, 80.4635, 103.7930 looks on a white background.

Color Contrast Check

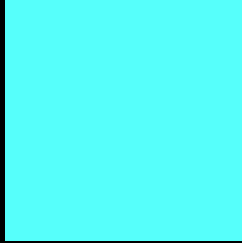
Large Text (above 18pt) WCAG AA × Fail

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 57.0103, 80.4635, 103.7930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

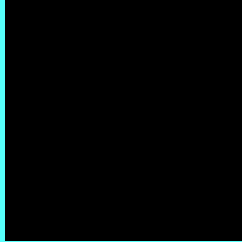
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

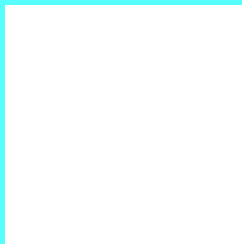
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0103, 80.4635, 103.7930

Background



This preview shows how black text looks on a background with the XYZ color 57.0103, 80.4635, 103.7930.

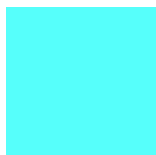


This preview shows how white text looks on a background with the XYZ color 57.0103, 80.4635,

Color Blindness Simulation

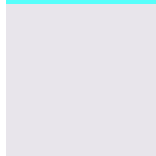
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



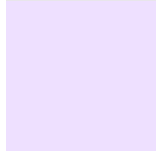
Original Color

57.0103, 80.4635, 103.7930



Protanopia

76.2934, 79.1926, 89.8619



Deuteranopia

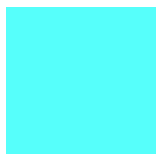
79.9655, 78.7085, 105.5854



Tritanopia

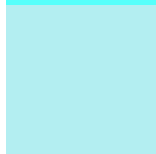
66.6782, 79.8672, 106.5093

Trichromacy



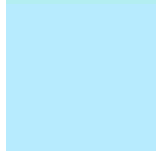
Original Color

57.0103, 80.4635, 103.7930



Protanomaly

65.0421, 77.0837, 94.6696



Deuteranomaly

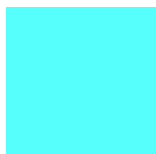
67.1262, 76.6397, 105.0209



Tritanomaly

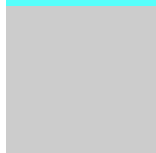
61.7976, 79.1663, 105.7895

Monochromacy



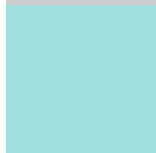
Original Color

57.0103, 80.4635, 103.7930



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

54.1368, 65.5729, 78.2101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0103, 80.4635, 103.7930 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(86, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(86, 255, 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(86, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 255, 251) }
```

Border

The CSS property to change the border of an element to XYZ 57.0103, 80.4635, 103.7930 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(86, 255, 251) }
```


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

```
.border{ border-color:rgb(86, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(86, 255,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0103, 80.4635, 103.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 255, 251) }
```

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

```
.background{ background-color: rgb(86, 255,  
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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