

Converting Colors

XYZ(78.4422, 123.2940,
107.9649)

Have a look what the booklet for
XYZ(78.4422, 123.2940, 107.9649)
contains.

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Color

**XYZ(57.0627, 80.5626,
100.5383)**

Conversions

Conversions Part 1

Format	Color
Hex	5DFFF7
RGB	93, 255, 247
RGB Percent	36%, 100%, 97%
CMY	0.6353, 0.0000, 0.0314
CMYK	0.64, 0.00, 0.03, 0.00
HSL	177°, 100%, 68%
HSV	177°, 64%, 100%
XYZ	57.0627, 80.5626, 100.5383
YIQ	205.6500, -93.9840, -36.8320

Conversions

Conversions Part 2

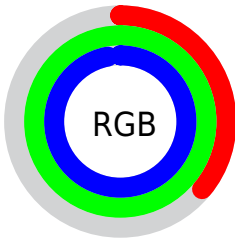
Format	Color
RYB	93, 176, 255
Decimal	6160375
CIELab	91.94, -43.44, -8.66
CIElCh	92, 44.297, 191.269
Yxy	80.5626, 0.2396, 0.3383
Android (android.graphics.Color)	4284350455 (0xFF5DFFF7)
YUV	205.6500, 20.3856, -98.7940
Hunter-Lab	89.7567, -43.5930, -3.5823

Details

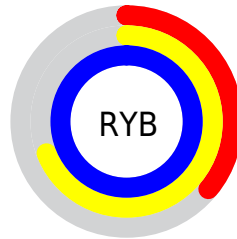
The XYZ color **57.0627, 80.5626, 100.5383** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **47.5043, 30.0298, 15.6061**, and the grayscale version is **58.3605, 61.3998, 66.8643**.

A 20% lighter version of the original color is **68.3072, 86.2136, 107.6485**, and **29.5981, 44.1498, 56.2520** is the 20% darker color. If you saturate the color by 10%, you get **54.7048, 79.3694, 99.4185**, and if you desaturate by 10%, it is **60.2842, 82.2007, 101.7083**.

Distribution



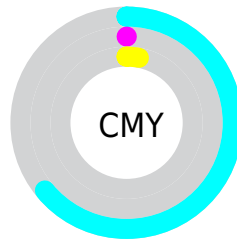
- Red (36%)
- Green (100%)
- Blue (97%)



- Red (36%)
- Yellow (69%)
- Blue (100%)



- Cyan (64%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)




- Cyan (64%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0627, 80.5626, 100.5383 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 57.0627, 80.5626, 100.5383 by changing the saturation by 10% instead.


 57.0627, 80.5626,
100.5383


 57.0627, 80.5626,
100.5383


403.6946,
496.8268, 583.1786


 41.2959, 60.1814,
76.1308


 99.6875, 134.1564,
163.9551

 28.7391, 43.5649,
56.0325


 127.2762,
168.1379, 203.8014

 19.0268, 30.3286,
39.8248


 159.5363,
207.4215, 249.6310

 11.7938, 20.0881,
27.0892

196.8331,
252.3918, 301.8626

 6.6746, 12.4591,
17.4072

239.5320,
303.4331, 360.9146

 3.3040, 7.0572,
10.3602

287.9983,

 1.3165, 3.4979,

360.9297, 427.2056

5.5297

342.5974,
425.2662, 501.1540

■ 0.1955, 1.3969,
2.4972

■ 0.0000, 0.2144,
0.8387

■ 57.0627, 80.5626,
100.5383

■ 57.0627, 80.5626,
100.5383

■ 54.7048, 79.3694,
99.4185

■ 60.2842, 82.2007,
101.7083

■ 53.1179, 78.5735,
98.3401

■ 64.4431, 84.3221,
102.9275

■ 52.1941, 78.1193,
97.2996

■ 69.6092, 86.9624,
104.2008

■ 51.8486, 77.9554,
96.6415

■ 75.8445, 90.1539,
105.5310

83.2062, 93.9258,
106.9208

91.7475, 98.3057,
108.3728

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.



57.6704, 80.5626, 69.1025



57.0627, 80.5626, 100.5383



61.2814, 80.5626, 135.8625

Triad

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



57.0627, 80.5626, 100.5383



91.9240, 80.5626, 143.7256



83.8128, 80.5626, 40.7647

Complementary

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



57.0627, 80.5626, 100.5383



47.5043, 30.0298, 15.6061

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.



94.2162, 80.5626, 52.5494



57.0627, 80.5626, 100.5383



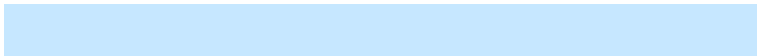
99.2098, 80.5626, 109.4105

Square

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



57.0627, 80.5626, 100.5383



80.9266, 80.5626, 164.6076



100.0879, 80.5626, 76.0385



72.3771, 80.5626, 39.5119

Rectangle

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



57.0627, 80.5626, 100.5383



66.5325, 80.5626, 154.9096



100.0879, 80.5626, 76.0385



87.5746, 80.5626, 43.4583

Sweetspot

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



57.0638, 80.5631, 100.5398



79.0338, 91.7875, 106.1525



43.1150, 75.0834, 22.5780



16.4793, 19.4223, 22.6366



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.



57.0638, 80.5631, 100.5398



54.2442, 79.1374, 99.1479



39.3142, 43.0459, 100.8444



18.5138, 20.4651, 23.0088



27.1089, 40.7402, 50.5864



2.6510, 3.9713, 4.9858

Inverse Universe

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



47.5043, 30.0298, 15.6061



44.0494, 25.0708, 8.4399



56.8350, 49.2882, 16.8758



18.0457, 18.0016, 18.8579



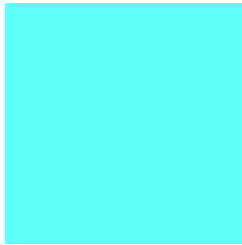
21.6005, 11.1295, 1.2809



2.1154, 1.0885, 0.1890

Previews

White Background



This preview shows how the XYZ color 57.0627, 80.5626, 100.5383 looks on a white background.

Color Contrast Check

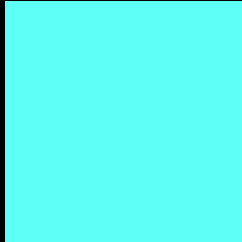
Large Text (above 18pt) WCAG AA × Fail

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 57.0627, 80.5626, 100.5383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

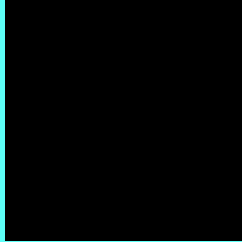
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0627, 80.5626, 100.5383

Background



This preview shows how black text looks on a background with the XYZ color 57.0627, 80.5626, 100.5383.



This preview shows how white text looks on a background with the XYZ color 57.0627, 80.5626,

Color Blindness Simulation

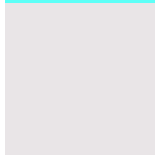
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



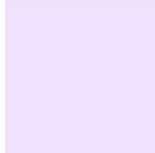
Original Color

57.0627, 80.5626, 100.5383



Protanopia

76.0474, 79.1318, 86.8671



Deuteranopia

80.8207, 79.1678, 104.7871



Tritanopia

67.1138, 80.0918, 106.5297

Trichromacy



Original Color

57.0627, 80.5626, 100.5383



Protanomaly

65.1520, 77.2086, 91.5896



Deuteranomaly

67.6144, 76.9465, 102.5553



Tritanomaly

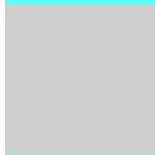
62.1591, 79.3894, 104.1430

Monochromacy



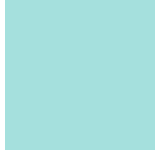
Original Color

57.0627, 80.5626, 100.5383



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

55.2238, 66.5311, 78.3378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0627, 80.5626, 100.5383 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(93, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(93, 255, 247)  
}
```

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(93, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 255, 247) }
```

Border

The CSS property to change the border of an element to XYZ 57.0627, 80.5626, 100.5383 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(93, 255, 247) }
```


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

```
.border{ border-color:rgb(93, 255, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 255, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(93, 255,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0627, 80.5626, 100.5383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 255, 247) }
```

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

```
.background{ background-color: rgb(93, 255,  
247) }
```

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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