

Converting Colors

XYZ(57.1469, 80.6623, 97.9966)

Have a look what the booklet for
XYZ(57.1469, 80.6623, 97.9966)
contains.

XYZ(57.1261, 80.6483, 98.1438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.1261, 80.6483,
98.1438)**

Conversions

Conversions Part 1

Format	Color
Hex	62FFF4
RGB	98, 255, 244
RGB Percent	38%, 100%, 96%
CMY	0.6157, 0.0000, 0.0431
CMYK	0.62, 0.00, 0.04, 0.00
HSL	176°, 100%, 69%
HSV	176°, 62%, 100%
XYZ	57.1261, 80.6483, 98.1438
YIQ	206.8030, -90.0410, -36.7050

Conversions

Conversions Part 2

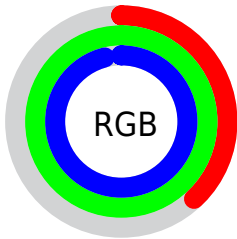
Format	Color
RYB	98, 179, 255
Decimal	6488052
CIELab	91.97, -43.45, -7.03
CIElCh	92, 44.017, 189.193
Yxy	80.6483, 0.2421, 0.3418
Android (android.graphics.Color)	4284678132 (0xFF62FFF4)
YUV	206.8030, 18.3381, -95.4202
Hunter-Lab	89.8044, -43.6108, -1.9327

Details

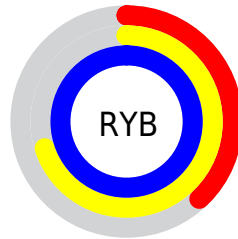
The XYZ color **57.1261, 80.6483, 98.1438** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **48.3690, 31.1010, 17.9233**, and the grayscale version is **59.1095, 62.1878, 67.7225**.

A 20% lighter version of the original color is **68.9143, 86.5265, 107.6769**, and **29.2712, 44.0190, 54.5307** is the 20% darker color. If you saturate the color by 10%, you get **54.5299, 79.3411, 96.6145**, and if you desaturate by 10%, it is **60.6032, 82.4093, 99.7309**.

Distribution



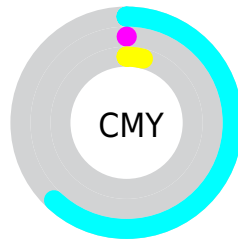
- Red (38%)
- Green (100%)
- Blue (96%)



- Red (38%)
- Yellow (70%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (62%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1261, 80.6483, 98.1438 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 57.1261, 80.6483, 98.1438 by changing the saturation by 10% instead.


 57.1261, 80.6483,
98.1438


 57.1261, 80.6483,
98.1438


403.9282,
497.1150, 575.4207

 41.3470, 60.2520,
74.1430


 99.7795, 134.2768,
160.6336

 28.7792, 43.6218,
54.4136


 127.3845,
168.2778, 199.9596

 19.0573, 30.3733,
38.5370


 159.6621,
207.5825, 245.2312

 11.8159, 20.1221,
26.0947

196.9778,
252.5753, 296.8668

 6.6898, 12.4838,
16.6681

239.6970,
303.6405, 355.2851

 3.3135, 7.0741,
9.8387

288.1848,

 1.3216, 3.5085,

361.1626, 420.9044

5.1879

342.8068,
425.5260, 494.1435

■ 0.1993, 1.4026,
2.2973

■ 0.0000, 0.2186,
0.7297

■ 57.1261, 80.6483,
98.1438

■ 57.1261, 80.6483,
98.1438

■ 54.5299, 79.3411,
96.6145

■ 60.6032, 82.4093,
99.7309

■ 52.7246, 78.4413,
95.1344

■ 65.0331, 84.6612,
101.3750

■ 51.6073, 77.8959,
93.7002

■ 70.4841, 87.4392,
103.0806

■ 51.0659, 77.6424,
92.5199

■ 77.0172, 90.7747,
104.8508

84.6888, 94.6968,
106.6880

93.5513, 99.2326,
108.5950

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.



58.0676, 80.6483, 67.4925



57.1261, 80.6483, 98.1438



61.0031, 80.6483, 133.3481

Triad

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



57.1261, 80.6483, 98.1438



91.2355, 80.6483, 145.4735



84.6421, 80.6483, 41.5078

Complementary

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



57.1261, 80.6483, 98.1438



48.3690, 31.1010, 17.9233

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.



94.7756, 80.6483, 54.0390



57.1261, 80.6483, 98.1438



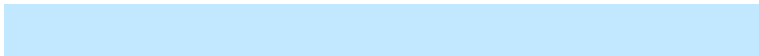
98.8348, 80.6483, 111.8489

Square

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



57.1261, 80.6483, 98.1438



80.1811, 80.6483, 164.7684



100.1904, 80.6483, 78.2325



73.2315, 80.6483, 39.5595

Rectangle

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



57.1261, 80.6483, 98.1438



66.0458, 80.6483, 152.9110



100.1904, 80.6483, 78.2325



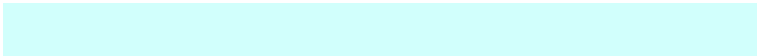
88.3409, 80.6483, 44.4426

Sweetspot

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



57.1272, 80.6488, 98.1453



79.6193, 92.1045, 105.4980



44.5318, 75.7873, 23.8384



16.5850, 19.4807, 22.4677



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.



57.1272, 80.6488, 98.1453



54.0211, 79.0863, 96.2497



41.4118, 46.4650, 101.3938



18.4967, 20.4582, 22.9185



26.7064, 40.5791, 48.4666



2.6161, 3.9574, 4.8024

Inverse Universe

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



48.3690, 31.1010, 17.9233



44.6361, 25.7637, 10.1170



56.6170, 48.4861, 17.9318



18.0610, 18.0077, 18.9383



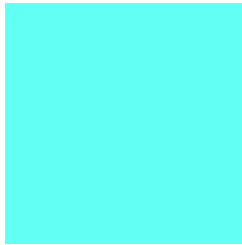
21.6240, 11.1389, 1.4047



2.1226, 1.0914, 0.2270

Previews

White Background



This preview shows how the XYZ color 57.1261, 80.6483, 98.1438 looks on a white background.

Color Contrast Check

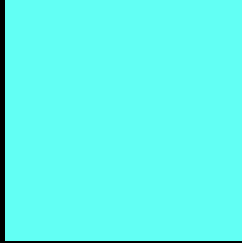
Large Text (above 18pt) WCAG AA × Fail

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 57.1261, 80.6483, 98.1438 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 57.1261, 80.6483, 98.1438

Background



This preview shows how black text looks on a background with the XYZ color 57.1261, 80.6483, 98.1438.

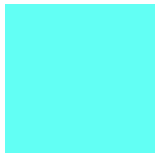


This preview shows how white text looks on a background with the XYZ color 57.1261, 80.6483,

Color Blindness Simulation

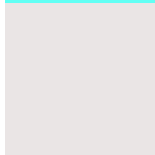
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



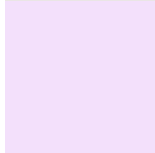
Original Color

57.1261, 80.6483, 98.1438



Protanopia

76.0939, 79.1882, 85.4030



Deuteranopia

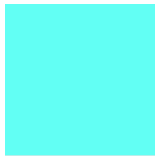
81.0304, 79.3310, 102.3084



Tritanopia

67.0357, 79.6085, 106.4406

Trichromacy



Original Color

57.1261, 80.6483, 98.1438



Protanomaly

65.4334, 77.4039, 89.3336



Deuteranomaly

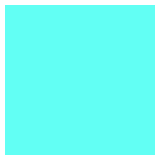
67.8868, 77.1411, 100.1186



Tritanomaly

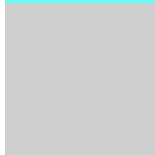
62.5274, 79.5976, 103.3351

Monochromacy



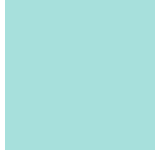
Original Color

57.1261, 80.6483, 98.1438



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

55.5103, 66.6941, 77.6577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1261, 80.6483, 98.1438 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(98, 255, 244)` looks like.

```
.text, #text, p{  
    color:rgb(98, 255, 244)  
}
```

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(98, 255, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 255, 244) }
```

Border

The CSS property to change the border of an element to XYZ 57.1261, 80.6483, 98.1438 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(98, 255, 244) }
```


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

```
.border{ border-color:rgb(98, 255, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 255, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 255, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 255, 244);  
box-shadow:4px 4px 4px 4px rgb(98, 255,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1261, 80.6483, 98.1438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 255, 244) }
```

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

```
.background{ background-color: rgb(98, 255,  
244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor