

Converting Colors

XYZ(57.3041, 80.7706, 96.7714)

Have a look what the booklet for
XYZ(57.3041, 80.7706, 96.7714)
contains.

XYZ(57.2665, 80.7556, 96.5735)	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(57.2665, 80.7556,
96.5735)**

Conversions

Conversions Part 1

Format	Color
Hex	66FFF2
RGB	102, 255, 242
RGB Percent	40%, 100%, 95%
CMY	0.6000, 0.0000, 0.0510
CMYK	0.60, 0.00, 0.05, 0.00
HSL	175°, 100%, 70%
HSV	175°, 60%, 100%
XYZ	57.2665, 80.7556, 96.5735
YIQ	207.7710, -87.0150, -36.4790

Conversions

Conversions Part 2

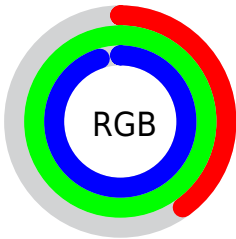
Format	Color
RYB	102, 182, 255
Decimal	6750194
CIELab	92.02, -43.31, -5.91
CIELCh	92, 43.715, 187.775
Yxy	80.7556, 0.2441, 0.3442
Android (android.graphics.Color)	4284940274 (0xFF66FFF2)
YUV	207.7710, 16.8749, -92.7612
Hunter-Lab	89.8641, -43.5119, -0.8118

Details

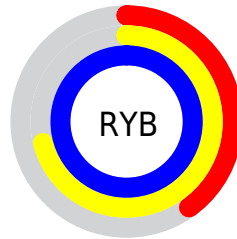
The XYZ color **57.2665, 80.7556, 96.5735** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **49.0869, 32.0021, 19.8111**, and the grayscale version is **59.7413, 62.8525, 68.4464**.

A 20% lighter version of the original color is **69.5359, 86.8470, 107.7060**, and **29.0570, 43.9333, 53.4029** is the 20% darker color. If you saturate the color by 10%, you get **54.4847, 79.3588, 94.7560**, and if you desaturate by 10%, it is **60.9428, 82.6129, 98.4558**.

Distribution



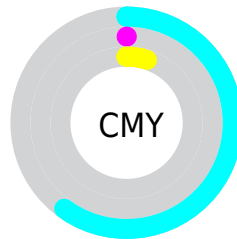
- Red (40%)
- Green (100%)
- Blue (95%)



- Red (40%)
- Yellow (71%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2665, 80.7556, 96.5735 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 57.2665, 80.7556, 96.5735 by changing the saturation by 10% instead.

57.2665, 80.7556,
96.5735

57.2665, 80.7556,
96.5735

404.4452,
497.4756, 570.3027

41.4602, 60.3403,
72.8412

99.9831, 134.4275,
158.4509

28.8681, 43.6930,
53.3551

127.6240,
168.4530, 197.4331

19.1249, 30.4292,
37.6966

159.9406,
207.7840, 242.3356

11.8651, 20.1646,
25.4473

197.2982,
252.8049, 293.5770

6.7234, 12.5148,
16.1886

240.0621,
303.9001, 351.5759

3.3345, 7.0953,
9.5019

288.5976,

1.3330, 3.5218,

361.4541, 416.7508

4.9687

343.2702,
425.8511, 489.5202

■ 0.2077, 1.4098,
2.1705

■ 0.0000, 0.2239,
0.6573

■ 57.2665, 80.7556,
96.5735

■ 57.2665, 80.7556,
96.5735

■ 54.4847, 79.3588,
94.7560

■ 60.9428, 82.6129,
98.4558

■ 52.5096, 78.3776,
92.9949

■ 65.5842, 84.9674,
100.4021

■ 51.2416, 77.7604,
91.2869

■ 71.2578, 87.8535,
102.4169

■ 50.5161, 77.4225,
89.6242

■ 78.0240, 91.3025,
104.5032

■ 50.5159, 77.4224,
89.6237

■ 85.9383, 95.3428,
106.6636

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.



58.4321, 80.7556, 66.5276



57.2665, 80.7556, 96.5735



60.9045, 80.7556, 131.5695

Triad

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



57.2665, 80.7556, 96.5735



90.7747, 80.7556, 146.5088



85.2269, 80.7556, 42.1658

Complementary

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



57.2665, 80.7556, 96.5735



49.0869, 32.0021, 19.8111

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.



95.1433, 80.7556, 55.1945



57.2665, 80.7556, 96.5735



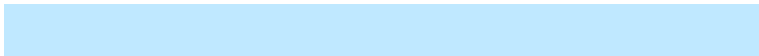
98.5580, 80.7556, 113.4890

Square

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



57.2665, 80.7556, 96.5735



79.7176, 80.7556, 164.6467



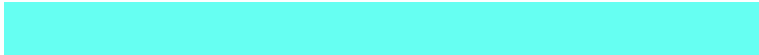
100.2301, 80.7556, 79.8166



73.8682, 80.7556, 39.7441

Rectangle

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



57.2665, 80.7556, 96.5735



65.7951, 80.7556, 151.3944



100.2301, 80.7556, 79.8166



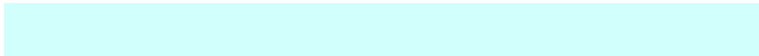
88.8708, 80.7556, 45.2636

Sweetspot

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



57.2676, 80.7561, 96.5750



79.5112, 92.0613, 104.9287



45.5360, 76.2826, 24.8962



16.5582, 19.4699, 22.3266



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.



57.2676, 80.7561, 96.5750



54.0273, 79.1305, 94.3988



42.7782, 48.5410, 101.7224



18.4844, 20.4533, 22.8536



26.4234, 40.4659, 46.9763



2.5916, 3.9476, 4.6730

Inverse Universe

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



49.0869, 32.0021, 19.8111



45.2390, 26.5056, 11.7483



56.7721, 48.4864, 18.9388



18.0720, 18.0121, 18.9964



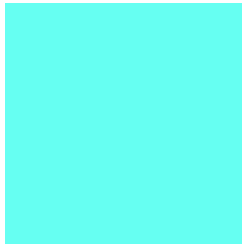
21.6442, 11.1470, 1.5108



2.1278, 1.0935, 0.2544

Previews

White Background



This preview shows how the XYZ color 57.2665, 80.7556, 96.5735 looks on a white background.

Color Contrast Check

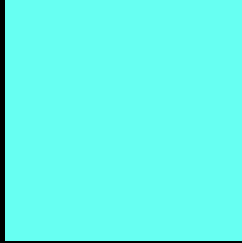
Large Text (above 18pt) WCAG AA × Fail

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 57.2665, 80.7556, 96.5735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

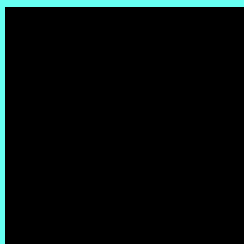
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

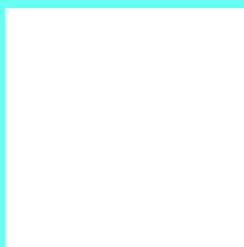
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2665, 80.7556, 96.5735

Background



This preview shows how black text looks on a background with the XYZ color 57.2665, 80.7556, 96.5735.

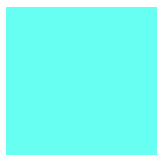


This preview shows how white text looks on a background with the XYZ color 57.2665, 80.7556,

Color Blindness Simulation

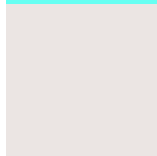
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



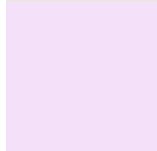
Original Color

57.2665, 80.7556, 96.5735



Protanopia

76.1454, 79.2468, 83.9559



Deuteranopia

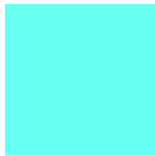
81.0628, 79.3840, 100.6727



Tritanopia

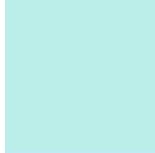
67.2577, 79.7229, 106.4510

Trichromacy



Original Color

57.2665, 80.7556, 96.5735



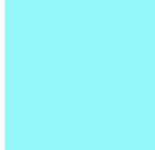
Protanomaly

65.6335, 77.5401, 87.8514



Deuteranomaly

68.0811, 77.2770, 98.5165



Tritanomaly

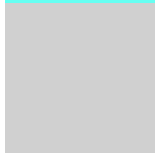
62.7288, 79.7196, 102.5237

Monochromacy



Original Color

57.2665, 80.7556, 96.5735



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

56.2057, 67.4528, 77.7675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2665, 80.7556, 96.5735 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(102, 255, 242)` looks like.

```
.text, #text, p{  
    color:rgb(102, 255, 242)  
}
```

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(102, 255, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 255, 242) }
```

Border

The CSS property to change the border of an element to XYZ 57.2665, 80.7556, 96.5735 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(102, 255, 242) }
```


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

```
.border{ border-color:rgb(102, 255, 242) }
```

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

Here you see how a box with a 4 pixel rgb(102, 255, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(102, 255,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2665, 80.7556, 96.5735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 255, 242) }
```

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

```
.background{ background-color: rgb(102,  
255, 242) }
```

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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