

Converting Colors

XYZ(57.3184, 80.5673,
106.2929)

Have a look what the booklet for
XYZ(57.3184, 80.5673, 106.2929)
contains.

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Color

**XYZ(57.3055, 80.5606,
106.2954)**

Conversions

Conversions Part 1

Format	Color
Hex	54FFFE
RGB	84, 255, 254
RGB Percent	33%, 100%, 100%
CMY	0.6706, 0.0000, 0.0039
CMYK	0.67, 0.00, 0.00, 0.00
HSL	180°, 100%, 66%
HSV	180°, 67%, 100%
XYZ	57.3055, 80.5606, 106.2954
YIQ	203.7570, -101.5950, -36.5630

Conversions

Conversions Part 2

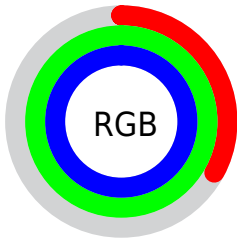
Format	Color
R_{YB}	84, 170, 255
Decimal	5570558
CIE _{Lab}	91.94, -42.84, -12.31
CIE _{LCh}	92, 44.574, 196.027
Yxy	80.5606, 0.2347, 0.3299
Android (android.graphics.Color)	4283760638 (0xFF54FFFE)
YUV	203.7570, 24.7698, -105.0269
Hunter-Lab	89.7556, -43.1068, -7.3869

Details

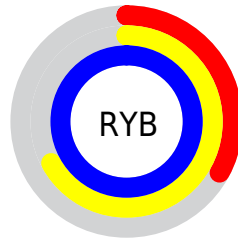
The XYZ color **57.3055, 80.5606, 106.2954** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **46.0510, 28.2581, 11.6231**, and the grayscale version is **57.1370, 60.1125, 65.4626**.

A 20% lighter version of the original color is **67.1364, 85.6100, 107.5937**, and **30.2721, 44.4194, 59.8016** is the 20% darker color. If you saturate the color by 10%, you get **55.4005, 79.5812, 106.0833**, and if you desaturate by 10%, it is **60.0430, 81.9690, 106.5495**.

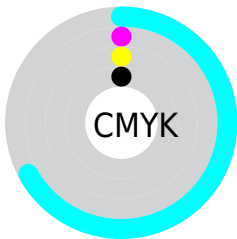
Distribution



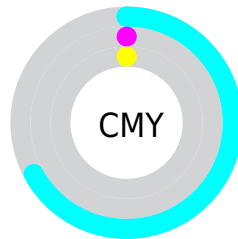
- Red (33%)
- Green (100%)
- Blue (100%)



- Red (33%)
- Yellow (67%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)





- Cyan (67%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3055, 80.5606, 106.2954 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 57.3055, 80.5606, 106.2954 by changing the saturation by 10% instead.


 57.3055, 80.5606,
106.2954

 57.3055, 80.5606,
106.2954


404.5888,
496.8201, 601.6114

 41.4917, 60.1798,
80.9223

 100.0396,
134.1536, 171.9090


 28.8928, 43.5636,
59.9470


 127.6906,
168.1346, 212.9866

 19.1436, 30.3275,
42.9509


 160.0180,
207.4178, 260.1361

 11.8787, 20.0873,
29.5155

 197.3872,
252.3875, 313.7761

 6.7328, 12.4585,
19.2222

240.1635,
303.4282, 374.3251

 3.3404, 7.0568,
11.6525

288.7123,

 1.3362, 3.4976,

360.9243, 442.2016

6.3879

343.3989,
425.2601, 517.8242

■ 0.2101, 1.3967,
3.0098

■ 0.0000, 0.2143,
1.0996

■ 57.3055, 80.5606,
106.2954

■ 57.3055, 80.5606,
106.2954

■ 55.4005, 79.5812,
106.0833

■ 60.0430, 81.9690,
106.5495

■ 54.2295, 78.9803,
105.9042


■ 63.6906, 83.8466,
106.8448

■ 53.6722, 78.6957,
105.7539

■ 68.3205, 86.2307,
107.1862

■ 53.5712, 78.6445,
105.7126

■ 73.9972, 89.1543,
107.5766

 80.7792, 92.6479,
108.0189

 88.7212, 96.7394,
108.5156

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.



57.1373, 80.5606, 73.3606



57.3055, 80.5606, 106.2954



62.2836, 80.5606, 141.3466

Triad

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



57.3055, 80.5606, 106.2954



93.5265, 80.5606, 139.1615



82.0085, 80.5606, 39.6668

Complementary

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



57.3055, 80.5606, 106.2954



46.0510, 28.2581, 11.6231

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.



92.8903, 80.5606, 49.7255



57.3055, 80.5606, 106.2954



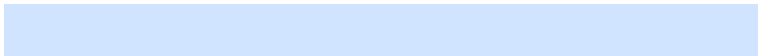
99.9749, 80.5606, 103.8334

Square

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



57.3055, 80.5606, 106.2954



82.8090, 80.5606, 163.3142



99.7311, 80.5606, 71.4399



70.6533, 80.5606, 40.0124

Rectangle

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



57.3055, 80.5606, 106.2954



67.9719, 80.5606, 158.8349



99.7311, 80.5606, 71.4399



85.8651, 80.5606, 41.8087

Sweetspot

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



57.3067, 80.5611, 106.2969



78.6639, 91.5582, 107.8831



41.2779, 74.1797, 20.5319



16.4250, 19.3848, 23.0646



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.



57.3067, 80.5611, 106.2969



54.9841, 79.3673, 106.0272



36.5271, 38.7454, 100.1612



18.5501, 20.4796, 23.1997



27.9942, 41.0943, 55.2483



2.7271, 4.0018, 5.3869

Inverse Universe

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



46.0510, 28.2581, 11.6231



43.0480, 23.8773, 5.6113



56.5961, 49.4113, 14.9438



18.0137, 17.9888, 18.6895



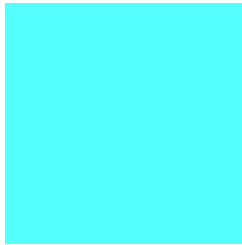
21.5549, 11.1113, 1.0407



2.1002, 1.0824, 0.1089

Previews

White Background



This preview shows how the XYZ color 57.3055, 80.5606, 106.2954 looks on a white background.

Color Contrast Check

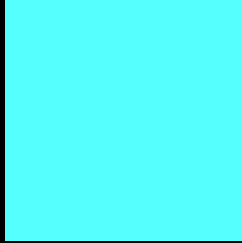
Large Text (above 18pt) WCAG AA × Fail

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 57.3055, 80.5606, 106.2954 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 57.3055, 80.5606, 106.2954

Background



This preview shows how black text looks on a background with the XYZ color 57.3055, 80.5606, 106.2954.

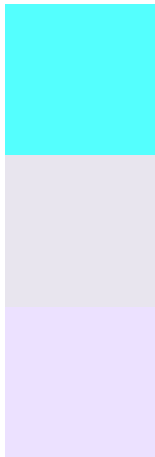


This preview shows how white text looks on a background with the XYZ color 57.3055, 80.5606,

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

57.3055, 80.5606, 106.2954

Protanopia

76.7306, 79.3675, 92.1642

Deuteranopia

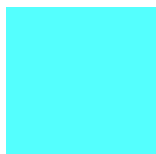
79.5673, 78.9033, 105.6440



Tritanopia

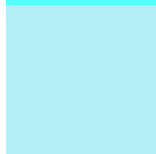
66.6782, 79.8672, 106.5093

Trichromacy



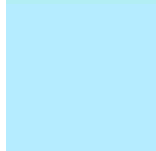
Original Color

57.3055, 80.5606, 106.2954



Protanomaly

65.2638, 77.1457, 97.0388



Deuteranomaly

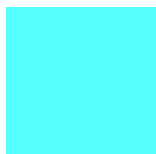
67.1015, 77.0347, 105.9403



Tritanomaly

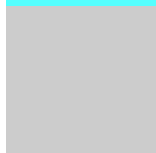
61.9582, 79.2305, 106.6352

Monochromacy



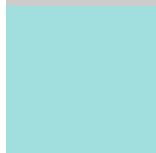
Original Color

57.3055, 80.5606, 106.2954



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

54.0697, 65.5229, 78.9046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3055, 80.5606, 106.2954 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(84, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(84, 255, 254)  
}
```

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(84, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 57.3055, 80.5606, 106.2954 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(84, 255, 254) }
```


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

```
.border{ border-color:rgb(84, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(84, 255,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3055, 80.5606, 106.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 255, 254) }
```

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

```
.background{ background-color: rgb(84, 255,  
254) }
```

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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