

Converting Colors

XYZ(57.1728, 78.6683,
106.7789)

Have a look what the booklet for
XYZ(57.1728, 78.6683, 106.7789)
contains.

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Color

**XYZ(57.1633, 78.5940,
106.7651)**

Conversions

Conversions Part 1

Format	Color
Hex	5EFBFF
RGB	94, 251, 255
RGB Percent	37%, 98%, 100%
CMY	0.6313, 0.0157, 0.0000
CMYK	0.63, 0.02, 0.00, 0.00
HSL	181°, 100%, 68%
HSV	181°, 63%, 100%
XYZ	57.1633, 78.5940, 106.7651
YIQ	204.5130, -94.8560, -32.0400

Conversions

Conversions Part 2

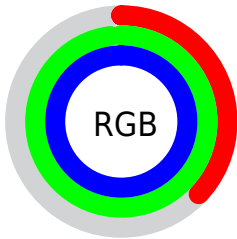
Format	Color
R_{YB}	94, 173, 255
Decimal	6224895
CIE _{Lab}	91.05, -39.37, -14.13
CIE _{LCh}	91, 41.832, 199.735
Yxy	78.5940, 0.2357, 0.3241
Android (android.graphics.Color)	4284414975 (0xFF5EFBFF)
YUV	204.5130, 24.8901, -96.9199
Hunter-Lab	88.6533, -40.0470, -9.3457

Details

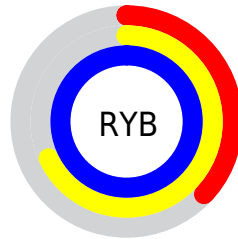
The XYZ color **57.1633, 78.5940, 106.7651** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **47.6290, 30.8048, 14.0275**, and the grayscale version is **57.6120, 60.6123, 66.0068**.

A 20% lighter version of the original color is **68.5079, 86.3171, 107.6579**, and **29.4848, 42.6608, 60.1064** is the 20% darker color. If you saturate the color by 10%, you get **54.7705, 77.0692, 106.5969**, and if you desaturate by 10%, it is **60.4243, 80.5709, 106.9748**.

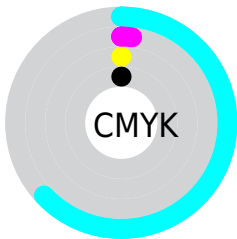
Distribution



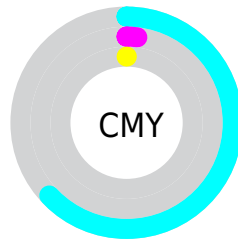
- Red (37%)
- Green (98%)
- Blue (100%)



- Red (37%)
- Yellow (68%)
- Blue (100%)



- Cyan (63%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1633, 78.5940, 106.7651 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 57.1633, 78.5940, 106.7651 by changing the saturation by 10% instead.

57.1633, 78.5940,
106.7651

57.1633, 78.5940,
106.7651

404.0652,
490.1818, 603.1022

41.3770, 58.5621,
81.3140

99.8334, 131.3871,
172.5560

28.8028, 42.2607,
60.2677

127.4479,
164.9171, 213.7329

19.0752, 29.3055,
43.2078

159.7359,
203.7153, 260.9888

11.8290, 19.3120,
29.7155

197.0627,
248.1659, 314.7422

6.6987, 11.8960,
19.3726

239.7937,
298.6535, 375.4117

3.3190, 6.6729,
11.7603

288.2942,

1.3246, 3.2584,

355.5624, 443.4159

6.4601

342.9296,
419.2770, 519.1732

■ 0.2015, 1.2681,
3.0535

■ 0.0000, 0.1163,
1.1220

■ 57.1633, 78.5940,
106.7651

■ 57.1633, 78.5940,
106.7651

■ 54.7705, 77.0692,
106.5969

■ 60.4243, 80.5709,
106.9748

■ 53.1508, 75.9421,
106.4647

■ 64.6239, 83.0309,
107.2283

■ 52.1984, 75.1600,
106.3639

■ 69.8325, 86.0121,
107.5292

■ 51.8238, 74.7676,
106.3079

■ 76.1121, 89.5463,
107.8804

■ 83.5195, 93.6630,
108.2846

■ 92.1079, 98.3894,
108.7442

■ 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.



56.4401, 78.5940, 75.6200



57.1633, 78.5940, 106.7651



62.3245, 78.5940, 138.0960

Triad

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



57.1633, 78.5940, 106.7651



91.3014, 78.5940, 128.9599



78.3805, 78.5940, 40.1407

Complementary

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



57.1633, 78.5940, 106.7651



47.6290, 30.8048, 14.0275

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.



88.6168, 78.5940, 48.4122



57.1633, 78.5940, 106.7651



96.5292, 78.5940, 96.3686

Square

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



57.1633, 78.5940, 106.7651



81.7738, 78.5940, 152.8580



95.5029, 78.5940, 67.3932



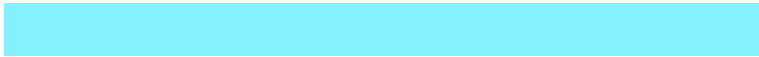
68.0487, 78.5940, 41.6605

Rectangle

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



57.1633, 78.5940, 106.7651



67.8830, 78.5940, 152.5872



95.5029, 78.5940, 67.3932



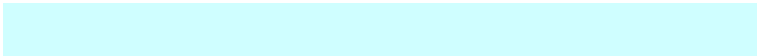
81.9614, 78.5940, 41.7745

Sweetspot

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



57.1654, 78.5969, 106.7655



79.0341, 91.1757, 108.0409



42.5204, 74.7575, 23.4229



16.4793, 19.2717, 23.1012



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.



57.1654, 78.5969, 106.7655



54.2313, 76.7074, 106.5555



37.3857, 39.0374, 100.1723



18.5139, 20.3995, 23.2117



27.0965, 39.1025, 55.5540



2.6501, 3.8308, 5.4130

Inverse Universe

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



62.6567, 36.2324, 94.9610



60.2045, 31.5329, 93.5115



59.0201, 53.5869, 17.8245



18.7721, 18.2921, 22.6828



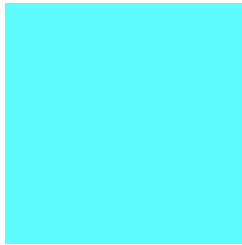
30.4653, 14.6754, 47.9619



2.9722, 1.4313, 4.7012

Previews

White Background



This preview shows how the XYZ color 57.1633, 78.5940, 106.7651 looks on a white background.

Color Contrast Check

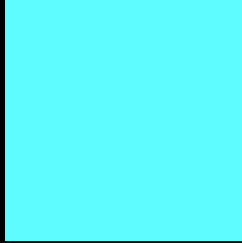
Large Text (above 18pt) WCAG AA × Fail

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 57.1633, 78.5940, 106.7651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

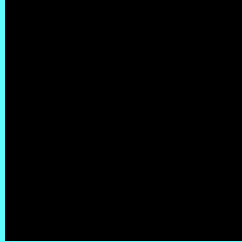
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

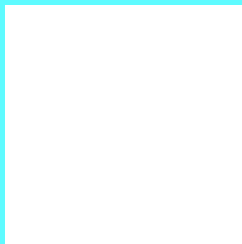
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1633, 78.5940, 106.7651

Background



This preview shows how black text looks on a background with the XYZ color 57.1633, 78.5940, 106.7651.

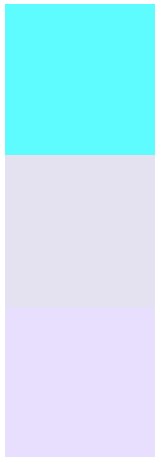


This preview shows how white text looks on a background with the XYZ color 57.1633, 78.5940,

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

57.1633, 78.5940, 106.7651

Protanopia

74.9194, 77.1780, 93.3862

Deuteranopia

77.7164, 77.1512, 105.4033



Tritanopia

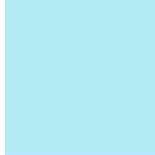
64.2032, 77.7077, 106.2230

Trichromacy



Original Color

57.1633, 78.5940, 106.7651



Protanomaly

64.7802, 75.5929, 97.5628



Deuteranomaly

66.4803, 75.4429, 105.6658



Tritanomaly

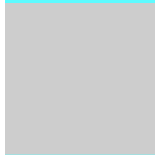
61.0189, 77.8432, 106.4169

Monochromacy



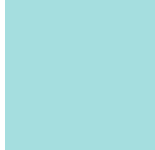
Original Color

57.1633, 78.5940, 106.7651



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

54.9576, 65.5696, 79.5717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1633, 78.5940, 106.7651 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(94, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 251, 255)  
}
```

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(94, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.1633, 78.5940, 106.7651 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(94, 251, 255) }
```


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

```
.border{ border-color:rgb(94, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 251, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 251, 255); box-shadow:4px 4px 4px 4px rgb(94, 251, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1633, 78.5940, 106.7651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 251, 255) }
```

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

```
.background{ background-color: rgb(94, 251,  
255) }
```

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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