

Converting Colors

XYZ(113.7558, 100.0000,
394.2984)

Have a look what the booklet for
XYZ(113.7558, 100.0000, 394.2984)
contains.

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Color

**XYZ(59.2252, 78.2767,
106.5952)**

Conversions

Conversions Part 1

Format	Color
Hex	77F8FF
RGB	119, 248, 255
RGB Percent	47%, 97%, 100%
CMY	0.5333, 0.0274, 0.0000
CMYK	0.53, 0.03, 0.00, 0.00
HSL	183°, 100%, 73%
HSV	183°, 53%, 100%
XYZ	59.2252, 78.2767, 106.5952
YIQ	210.2270, -79.1310, -25.1710

Conversions

Conversions Part 2

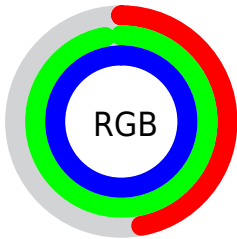
Format	Color
RYB	119, 185, 255
Decimal	7862527
CIELab	90.91, -33.74, -14.27
CIELCh	91, 36.631, 202.925
Yxy	78.2767, 0.2426, 0.3207
Android (android.graphics.Color)	4286052607 (0xFF77F8FF)
YUV	210.2270, 22.0731, -80.0061
Hunter-Lab	88.4741, -35.3406, -9.5018

Details

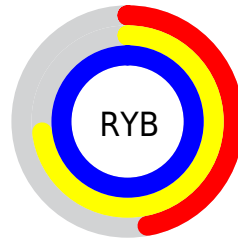
The XYZ color **59.2252, 78.2767, 106.5952** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **52.0315, 37.5146, 21.9537**, and the grayscale version is **61.3066, 64.4993, 70.2398**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **30.0428, 41.9672, 59.9431** is the 20% darker color. If you saturate the color by 10%, you get **55.7823, 75.9070, 106.3192**, and if you desaturate by 10%, it is **63.6137, 81.1417, 106.9169**.

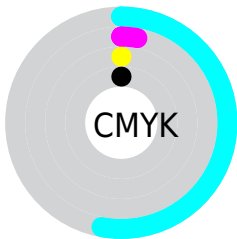
Distribution



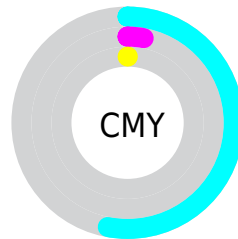
- Red (47%)
- Green (97%)
- Blue (100%)



- Red (47%)
- Yellow (73%)
- Blue (100%)



- Cyan (53%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2252, 78.2767, 106.5952 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 59.2252, 78.2767, 106.5952 by changing the saturation by 10% instead.

59.2252, 78.2767,
106.5952

59.2252, 78.2767,
106.5952

411.6166,
489.1060, 602.5632

43.0415, 58.3013,
81.1723

102.8177,
130.9401, 172.3220

30.1123, 42.0509,
60.1517

130.9571,
164.3969, 213.4630

20.0724, 29.1412,
43.1148

163.8125,
203.1163, 260.6804

12.5562, 19.1876,
29.6431

201.7493,
247.4827, 314.3929

7.1986, 11.8059,
19.3181

245.1327,
297.8805, 375.0188

3.6340, 6.6117,
11.7212

294.3282,

1.4972, 3.2205,

354.6940, 442.9768

6.4339

349.7010,
418.3077, 518.6854

■ 0.3240, 1.2479,
3.0377

■ 0.0000, 0.1003,
1.1139

■ 59.2252, 78.2767,
106.5952

■ 59.2252, 78.2767,
106.5952

■ 55.7823, 75.9070,
106.3192

■ 63.6137, 81.1417,
106.9169

■ 53.2019, 73.9842,
106.0841

■ 69.0100, 84.5287,
107.2862

■ 51.3969, 72.4654,
105.8861

■ 75.4783, 88.4725,
107.7065

■ 50.2590, 71.2947,
105.7201

■ 83.0756, 93.0026,
108.1805

■ 49.7669, 70.6537,
105.6223

■ 91.8549, 98.1462,
108.7106

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.



58.1442, 78.2767, 79.1228



59.2252, 78.2767, 106.5952



64.2074, 78.2767, 132.5405

Triad

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



59.2252, 78.2767, 106.5952



89.4727, 78.2767, 119.6816



76.6066, 78.2767, 44.0938

Complementary

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



59.2252, 78.2767, 106.5952



52.0315, 37.5146, 21.9537

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.



85.6172, 78.2767, 50.7763



59.2252, 78.2767, 106.5952



93.4333, 78.2767, 91.6436

Square

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



59.2252, 78.2767, 106.5952



81.5272, 78.2767, 141.1207



91.9671, 78.2767, 66.9293



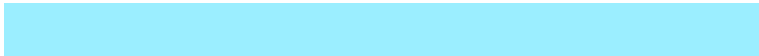
67.7002, 78.2767, 46.4724

Rectangle

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



59.2252, 78.2767, 106.5952



69.3104, 78.2767, 143.6174



91.9671, 78.2767, 66.9293



79.7321, 78.2767, 45.2988

Sweetspot

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



59.2273, 78.2796, 106.5956



80.9340, 91.7343, 108.0486



47.1222, 76.9438, 32.0414



16.9819, 19.4319, 23.1056



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

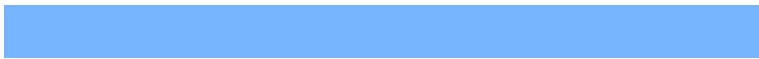
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.2273, 78.2796, 106.5956



55.5835, 75.7647, 106.3022



42.0212, 43.8674, 100.8602



18.4701, 20.3118, 23.1970



26.0391, 36.9878, 55.2015



2.5589, 3.6485, 5.3826

Inverse Universe

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



64.7815, 41.2329, 93.3544



61.7773, 35.5707, 91.2855



63.8182, 61.0881, 25.8826



18.7499, 18.2833, 22.5662



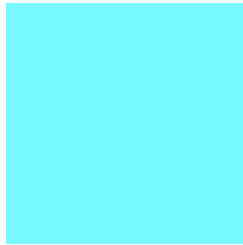
29.9315, 14.4619, 45.1514



2.9262, 1.4129, 4.4589

Previews

White Background



This preview shows how the XYZ color 59.2252, 78.2767, 106.5952 looks on a white background.

Color Contrast Check

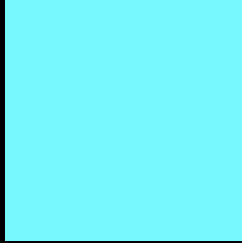
Large Text (above 18pt) WCAG AA × Fail

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 59.2252, 78.2767, 106.5952 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

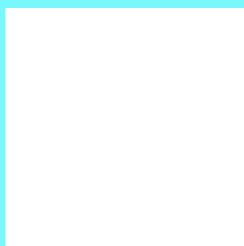
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2252, 78.2767, 106.5952

Background



This preview shows how black text looks on a background with the XYZ color 59.2252, 78.2767, 106.5952.

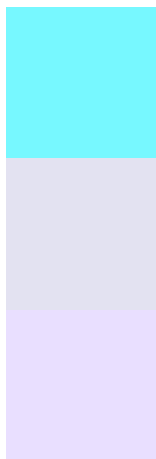


This preview shows how white text looks on a background with the XYZ color 59.2252, 78.2767,

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

59.2252, 78.2767, 106.5952

Protanopia

74.7521, 77.0745, 94.1561

Deuteranopia

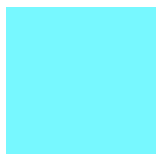
78.0419, 77.3190, 105.4185



Tritanopia

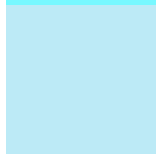
64.8151, 78.0231, 106.2516

Trichromacy



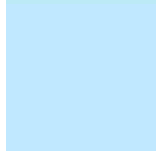
Original Color

59.2252, 78.2767, 106.5952



Protanomaly

66.7964, 76.1908, 98.3745



Deuteranomaly

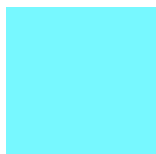
68.6448, 76.1397, 105.6862



Tritanomaly

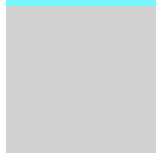
62.6134, 78.2173, 106.4051

Monochromacy



Original Color

59.2252, 78.2767, 106.5952



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.5146, 68.1494, 82.0216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2252, 78.2767, 106.5952 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(119, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 248, 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(119, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.2252, 78.2767, 106.5952 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(119, 248, 255) }
```


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

```
.border{ border-color:rgb(119, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2252, 78.2767, 106.5952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 248, 255) }
```

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

```
.background{ background-color: rgb(119,  
248, 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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