

Converting Colors

XYZ(58.8249, 79.0788,
106.7711)

Have a look what the booklet for
XYZ(58.8249, 79.0788, 106.7711)
contains.

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Color

**XYZ(58.7912, 78.9707,
106.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	6FFAFF
RGB	111, 250, 255
RGB Percent	44%, 98%, 100%
CMY	0.5647, 0.0196, 0.0000
CMYK	0.56, 0.02, 0.00, 0.00
HSL	182°, 100%, 72%
HSV	182°, 56%, 100%
XYZ	58.7912, 78.9707, 106.7520
YIQ	209.0090, -84.4490, -27.9130

Conversions

Conversions Part 2

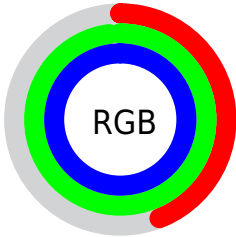
Format	Color
RYB	111, 182, 255
Decimal	7338751
CIELab	91.22, -36.14, -13.82
CIELCh	91, 38.695, 200.930
Yxy	78.9707, 0.2404, 0.3230
Android (android.graphics.Color)	4285528831 (0xFF6FFAFF)
YUV	209.0090, 22.6736, -85.9539
Hunter-Lab	88.8655, -37.4234, -9.0179

Details

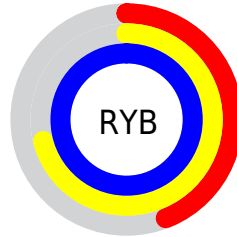
The XYZ color **58.7912, 78.9707, 106.7520** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.3555, 34.8996, 19.1234**, and the grayscale version is **60.5088, 63.6600, 69.3257**.

A 20% lighter version of the original color is **71.2656, 87.7387, 107.7869**, and **29.7984, 42.4932, 60.0575** is the 20% darker color. If you saturate the color by 10%, you get **55.7551, 77.0001, 106.5317**, and if you desaturate by 10%, it is **62.7484, 81.4216, 107.0165**.

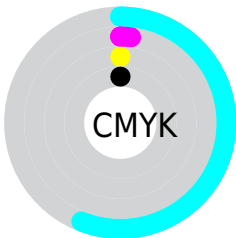
Distribution



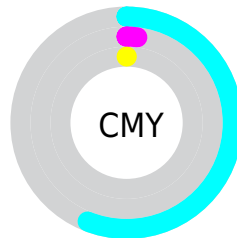
- Red (44%)
- Green (98%)
- Blue (100%)



- Red (44%)
- Yellow (71%)
- Blue (100%)



- Cyan (56%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7912, 78.9707, 106.7520 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 58.7912, 78.9707, 106.7520 by changing the saturation by 10% instead.


 58.7912, 78.9707,
106.7520


 58.7912, 78.9707,
106.7520


410.0342,
491.4572, 603.0606


 42.6908, 58.8717,
81.3031


 102.1905,
131.9176, 172.5380

 29.8360, 42.5099,
60.2588


 130.2201,
165.5343, 213.7121

 19.8616, 29.5007,
43.2006

 162.9568,
204.4258, 260.9650

 12.4022, 19.4599,
29.7100

200.7659,
248.9763, 314.7153

 7.0923, 12.0031,
19.3684

244.0129,
299.5703, 375.3814

 3.5668, 6.7458,
11.7572

293.0630,

 1.4601, 3.3036,

356.5922, 443.3820

6.4581

348.2817,
420.4264, 519.1356

■ 0.2984, 1.2922,
3.0523

■ 0.0000, 0.1352,
1.1214

■ 58.7912, 78.9707,
106.7520

■ 58.7912, 78.9707,
106.7520

■ 55.7551, 77.0001,
106.5317

■ 62.7484, 81.4216,
107.0165

■ 53.5534, 75.4598,
106.3504

■ 67.6912, 84.3808,
107.3272

■ 52.0943, 74.3042,
106.2042

■ 73.6854, 87.8839,
107.6874

■ 51.2600, 73.4727,
106.0877

■ 80.7898, 91.9612,
108.1000

■ 51.0521, 73.2241,
106.0507

■ 89.0583, 96.6406,
108.5674

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.



57.9386, 78.9707, 77.7517



58.7912, 78.9707, 106.7520



63.7927, 78.9707, 135.0868

Triad

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



58.7912, 78.9707, 106.7520



90.6686, 78.9707, 124.7036



78.0707, 78.9707, 42.9282

Complementary

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



58.7912, 78.9707, 106.7520



50.3555, 34.8996, 19.1234

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.



87.5800, 78.9707, 50.5091



58.7912, 78.9707, 106.7520



95.2585, 78.9707, 94.7814

Square

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



58.7912, 78.9707, 106.7520



81.9976, 78.9707, 146.9194



94.0815, 78.9707, 68.1038



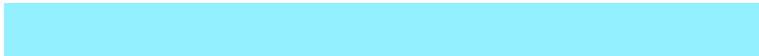
68.5238, 78.9707, 44.7711

Rectangle

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



58.7912, 78.9707, 106.7520



69.0664, 78.9707, 147.7778



94.0815, 78.9707, 68.1038



81.3891, 78.9707, 44.3843

Sweetspot

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



58.7933, 78.9736, 106.7524



80.3826, 91.7291, 108.0766



45.4577, 76.1565, 28.7682



16.8827, 19.4497, 23.1143



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.



58.7933, 78.9736, 106.7524



55.3656, 76.7371, 106.5014



40.5676, 42.5221, 100.6772



18.4977, 20.3669, 23.2062



26.6998, 38.3093, 55.4218



2.6159, 3.7625, 5.4016

Inverse Universe

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



64.1812, 39.5329, 94.6935



61.3235, 34.0730, 92.9536



62.0510, 58.2905, 23.0219



18.7638, 18.2888, 22.6395



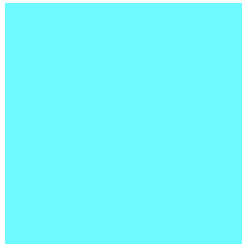
30.2650, 14.5953, 46.9077



2.9550, 1.4244, 4.6104

Previews

White Background



This preview shows how the XYZ color 58.7912, 78.9707, 106.7520 looks on a white background.

Color Contrast Check

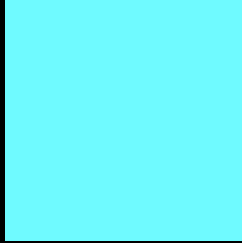
Large Text (above 18pt) WCAG AA × Fail

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 58.7912, 78.9707, 106.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

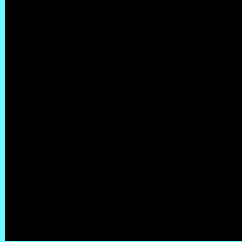
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7912, 78.9707, 106.7520

Background



This preview shows how black text looks on a background with the XYZ color 58.7912, 78.9707, 106.7520.

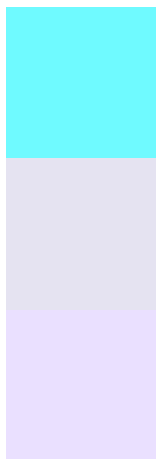


This preview shows how white text looks on a background with the XYZ color 58.7912, 78.9707,

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

58.7912, 78.9707, 106.7520

Protanopia

75.6594, 77.9471, 94.2767

Deuteranopia

78.6373, 78.0237, 105.5232



Tritanopia

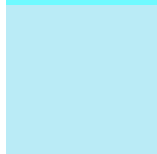
65.2312, 78.2376, 106.2711

Trichromacy



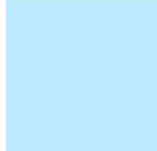
Original Color

58.7912, 78.9707, 106.7520



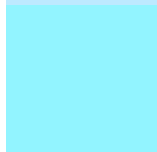
Protanomaly

66.5926, 76.5096, 98.4468



Deuteranomaly

68.1752, 76.3166, 105.7451



Tritanomaly

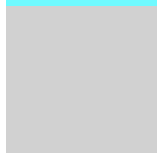
62.2547, 78.0324, 106.3883

Monochromacy



Original Color

58.7912, 78.9707, 106.7520



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.6167, 67.6865, 81.9796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7912, 78.9707, 106.7520 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(111, 250, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 250, 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(111, 250, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 250, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.7912, 78.9707, 106.7520 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(111, 250, 255) }
```


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

```
.border{ border-color:rgb(111, 250, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 250, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 250, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 250, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 250,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7912, 78.9707, 106.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 250, 255) }
```

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

```
.background{ background-color: rgb(111,  
250, 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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