

Converting Colors

XYZ(58.3102, 76.4468,
106.2902)

Have a look what the booklet for
XYZ(58.3102, 76.4468, 106.2902)
contains.

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Color

**XYZ(58.3102, 76.4468,
106.2902)**

Conversions

Conversions Part 1

Format	Color
Hex	77F5FF
RGB	119, 245, 255
RGB Percent	47%, 96%, 100%
CMY	0.5333, 0.0392, 0.0000
CMYK	0.53, 0.04, 0.00, 0.00
HSL	184°, 100%, 73%
HSV	184°, 53%, 100%
XYZ	58.3102, 76.4468, 106.2902
YIQ	208.4660, -78.3060, -23.6020

Conversions

Conversions Part 2

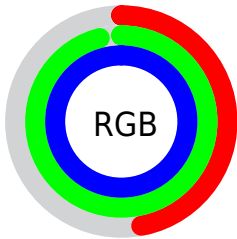
Format	Color
RYB	119, 184, 255
Decimal	7861759
CIELab	90.07, -32.33, -15.53
CIELCh	90, 35.865, 205.653
Yxy	76.4468, 0.2419, 0.3171
Android (android.graphics.Color)	4286051839 (0xFF77F5FF)
YUV	208.4660, 22.9413, -78.4617
Hunter-Lab	87.4339, -33.9665, -10.8730

Details

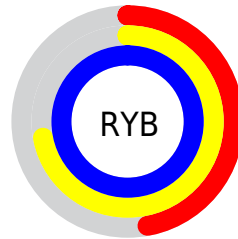
The XYZ color **58.3102, 76.4468, 106.2902** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.4208, 38.2933, 22.0833**, and the grayscale version is **60.1509, 63.2834, 68.9156**.

A 20% lighter version of the original color is **72.6324, 88.4433, 107.8509**, and **29.4429, 40.6966, 59.7295** is the 20% darker color. If you saturate the color by 10%, you get **54.7050, 73.7525, 105.9601**, and if you desaturate by 10%, it is **62.8639, 79.6421, 106.6669**.

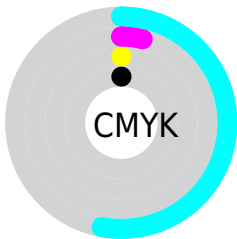
Distribution



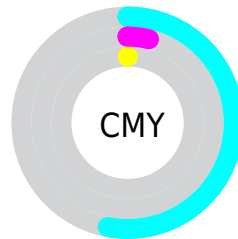
- Red (47%)
- Green (96%)
- Blue (100%)



- Red (47%)
- Yellow (72%)
- Blue (100%)



- Cyan (53%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3102, 76.4468, 106.2902 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 58.3102, 76.4468, 106.2902 by changing the saturation by 10% instead.

58.3102, 76.4468,
106.2902

58.3102, 76.4468,
106.2902

408.2761,
482.8758, 601.5949

42.3023, 56.7990,
80.9180

101.4948,
128.3583, 171.9018

29.5302, 40.8439,
59.9435

129.4023,
161.3907, 212.9783

19.6286, 28.1971,
42.9481

162.0069,
199.6535, 260.1267

12.2320, 18.4743,
29.5133

199.6742,
243.5309, 313.7654

6.9752, 11.2910,
19.2205

242.7693,
293.4075, 374.3130

3.4928, 6.2629,
11.6513

291.6578,

1.4194, 3.0056,

349.6676, 442.1882

6.3871

346.7049,
412.6955, 517.8093

■ 0.2700, 1.1347,
3.0093

■ 0.0000, 0.0073,
1.0994

■ 58.3102, 76.4468,
106.2902

■ 58.3102, 76.4468,
106.2902

■ 54.7050, 73.7525,
105.9601

■ 62.8639, 79.6421,
106.6669

■ 51.9653, 71.5110,
105.6719

■ 68.4283, 83.3653,
107.0923

■ 50.0038, 69.6793,
105.4217

■ 75.0676, 87.6513,
107.5696

■ 48.7123, 68.2013,
105.2045

■ 82.8389, 92.5293,
108.1016

■ 48.1193, 67.3587,
105.0731

■ 91.7952, 98.0269,
108.6907

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.



56.9085, 76.4468, 79.5805



58.3102, 76.4468, 106.2902



63.4332, 76.4468, 130.5723

Triad

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



58.3102, 76.4468, 106.2902



87.7130, 76.4468, 114.0385



73.9642, 76.4468, 43.3321

Complementary

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



58.3102, 76.4468, 106.2902



52.4208, 38.2933, 22.0833

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.



82.7416, 76.4468, 48.9972



58.3102, 76.4468, 106.2902



91.0798, 76.4468, 87.0049

Square

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



58.3102, 76.4468, 106.2902



80.3176, 76.4468, 135.6480



89.1907, 76.4468, 63.7851



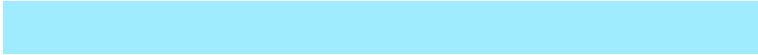
65.5060, 76.4468, 46.4361

Rectangle

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



58.3102, 76.4468, 106.2902



68.5050, 76.4468, 140.2693



89.1907, 76.4468, 63.7851



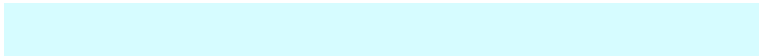
76.9805, 76.4468, 44.2355

Sweetspot

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



58.3123, 76.4496, 106.2906



80.6507, 91.1677, 107.9541



47.2697, 77.0028, 32.8189



16.9136, 19.2953, 23.0829



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

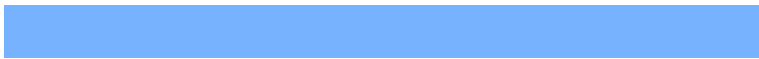
The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.3123, 76.4496, 106.2906



54.4955, 73.5887, 105.9396



41.5665, 42.9582, 100.7087



18.4339, 20.2393, 23.1850



25.1917, 35.2929, 54.9191



2.4856, 3.5018, 5.3582

Inverse Universe

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



64.3197, 41.0481, 90.9224



61.2281, 35.3510, 88.3936



64.3258, 62.1033, 26.0517



18.7316, 18.2760, 22.4700



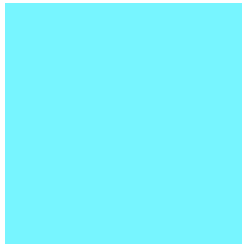
29.5038, 14.2908, 42.8989



2.8892, 1.3981, 4.2640

Previews

White Background



This preview shows how the XYZ color 58.3102, 76.4468, 106.2902 looks on a white background.

Color Contrast Check

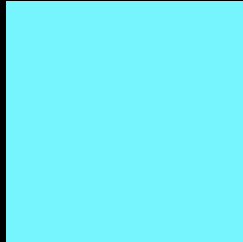
Large Text (above 18pt) WCAG AA × Fail

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 58.3102, 76.4468, 106.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

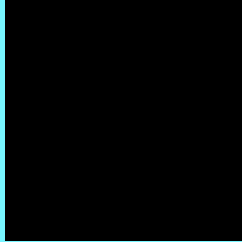
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3102, 76.4468, 106.2902

Background



This preview shows how black text looks on a background with the XYZ color 58.3102, 76.4468, 106.2902.

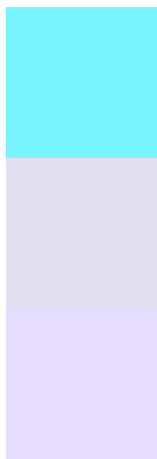


This preview shows how white text looks on a background with the XYZ color 58.3102, 76.4468,

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

58.3102, 76.4468, 106.2902

Protanopia

73.4231, 75.5694, 94.7209

Deuteranopia

75.9563, 75.0644, 105.0933



Tritanopia

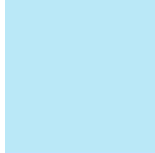
62.2429, 75.8230, 105.9625

Trichromacy



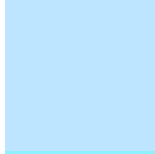
Original Color

58.3102, 76.4468, 106.2902



Protanomaly

65.8948, 74.8677, 98.9736



Deuteranomaly

67.0556, 74.0774, 105.3719



Tritanomaly

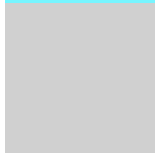
60.4898, 75.7933, 106.0492

Monochromacy



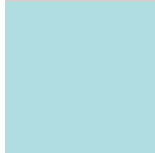
Original Color

58.3102, 76.4468, 106.2902



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.3516, 66.3793, 81.0239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3102, 76.4468, 106.2902 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, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 245, 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, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.3102, 76.4468, 106.2902 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, 245, 255) }
```


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

```
.border{ border-color:rgb(119, 245, 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, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3102, 76.4468, 106.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 245, 255) }
```

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

```
.background{ background-color: rgb(119,  
245, 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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