

Converting Colors

XYZ(59.3450, 76.7009,
106.2847)

Have a look what the booklet for
XYZ(59.3450, 76.7009, 106.2847)
contains.

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Color

**XYZ(59.3028, 76.5106,
106.2502)**

Conversions

Conversions Part 1

Format	Color
Hex	80F4FF
RGB	128, 244, 255
RGB Percent	50%, 96%, 100%
CMY	0.4980, 0.0431, 0.0000
CMYK	0.50, 0.04, 0.00, 0.00
HSL	185°, 100%, 75%
HSV	185°, 50%, 100%
XYZ	59.3028, 76.5106, 106.2502
YIQ	210.5700, -72.6670, -21.1710

Conversions

Conversions Part 2

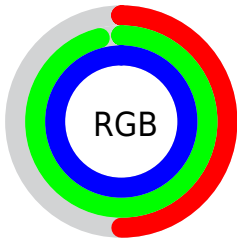
Format	Color
RYB	128, 189, 255
Decimal	8451327
CIELab	90.10, -30.06, -15.45
CIElCh	90, 33.798, 207.204
Yxy	76.5106, 0.2450, 0.3161
Android (android.graphics.Color)	4286641407 (0xFF80F4FF)
YUV	210.5700, 21.9040, -72.4139
Hunter-Lab	87.4703, -32.0544, -10.7903

Details

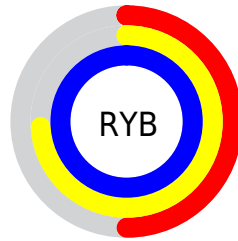
The XYZ color **59.3028, 76.5106, 106.2502** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.3696, 41.2845, 25.5272**, and the grayscale version is **61.5299, 64.7343, 70.4956**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **30.0133, 40.6746, 59.6952** is the 20% darker color. If you saturate the color by 10%, you get **55.2785, 73.4573, 105.8729**, and if you desaturate by 10%, it is **64.3028, 80.0822, 106.6760**.

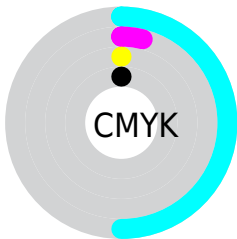
Distribution



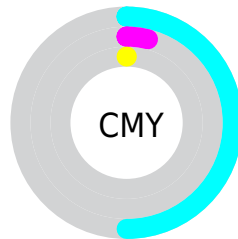
- Red (50%)
- Green (96%)
- Blue (100%)



- Red (50%)
- Yellow (74%)
- Blue (100%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3028, 76.5106, 106.2502 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 59.3028, 76.5106, 106.2502 by changing the saturation by 10% instead.

59.3028, 76.5106,
106.2502

59.3028, 76.5106,
106.2502

411.8992,
483.0938, 601.4679

43.1042, 56.8513,
80.8846

102.9297,
128.4484, 171.8467

30.1618, 40.8859,
59.9161

131.0888,
161.4957, 212.9148

20.1101, 28.2299,
42.9262

163.9654,
199.7745, 260.0540

12.5838, 18.4990,
29.4962

201.9250,
243.6690, 313.6831

7.2176, 11.3089,
19.2077

245.3327,
293.5639, 374.2205

3.6461, 6.2750,
11.6421

294.5541,

1.5039, 3.0130,

349.8434, 442.0847

6.3809

349.9545,
412.8919, 517.6943

■ 0.3285, 1.1385,
3.0056

■ 0.0000, 0.0106,
1.0975

■ 59.3028, 76.5106,
106.2502

■ 59.3028, 76.5106,
106.2502

■ 55.2785, 73.4573,
105.8729

■ 64.3028, 80.0822,
106.6760

■ 52.1500, 70.8759,
105.5396

■ 70.3384, 84.1977,
107.1523

■ 49.8352, 68.7257,
105.2465

■ 77.4718, 88.8911,
107.6822

■ 48.2338, 66.9550,
104.9892

■ 85.7585, 94.1909,
108.2685

■ 47.1851, 65.4808, 95.0500, 100.0000,
104.7599 108.9000

■ 47.1664, 65.4528,
104.7555

Harmonies

Analogous

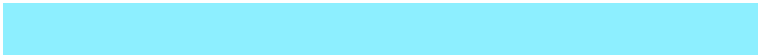
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.7761, 76.5106, 81.0744



59.3028, 76.5106, 106.2502



64.3325, 76.5106, 128.4642

Triad

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



59.3028, 76.5106, 106.2502



87.1340, 76.5106, 110.9058



73.5105, 76.5106, 45.1731

Complementary

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



59.3028, 76.5106, 106.2502



54.3696, 41.2845, 25.5272

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.



81.8088, 76.5106, 50.2073



59.3028, 76.5106, 106.2502



90.0435, 76.5106, 85.5803

Square

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



59.3028, 76.5106, 106.2502



80.3438, 76.5106, 131.4948



88.0245, 76.5106, 63.9300



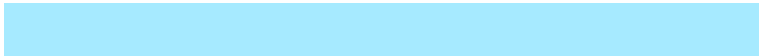
65.5963, 76.5106, 48.6170

Rectangle

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



59.3028, 76.5106, 106.2502



69.2080, 76.5106, 136.9377



88.0245, 76.5106, 63.9300



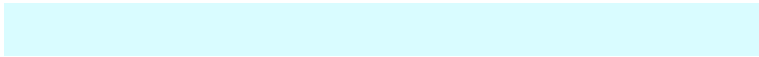
76.3510, 76.5106, 45.9031

Sweetspot

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



59.3049, 76.5134, 106.2506



81.3035, 91.3585, 107.9565



49.2932, 77.9617, 36.7190



17.0351, 19.3189, 23.0810



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.



59.3049, 76.5134, 106.2506



55.2079, 73.4016, 105.8659



43.4606, 44.8249, 100.9692



18.4124, 20.1965, 23.1778



24.7013, 34.3121, 54.7556



2.4430, 3.4167, 5.3440

Inverse Universe

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



65.2897, 43.2318, 90.4946



61.9812, 37.1587, 87.7150



66.2773, 65.1000, 29.4965



18.7208, 18.2716, 22.4130



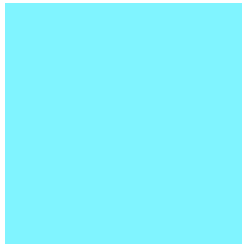
29.2563, 14.1918, 41.5955



2.8677, 1.3895, 4.1508

Previews

White Background



This preview shows how the XYZ color 59.3028, 76.5106, 106.2502 looks on a white background.

Color Contrast Check

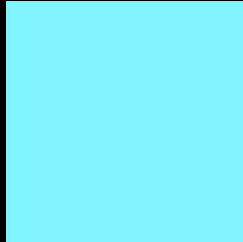
Large Text (above 18pt) WCAG AA × Fail

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 59.3028, 76.5106, 106.2502 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 59.3028, 76.5106, 106.2502

Background



This preview shows how black text looks on a background with the XYZ color 59.3028, 76.5106, 106.2502.

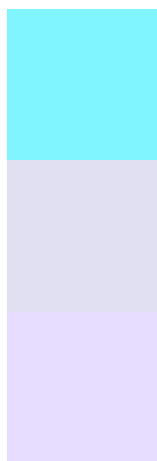


This preview shows how white text looks on a background with the XYZ color 59.3028, 76.5106,

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

59.3028, 76.5106, 106.2502

Protanopia

73.4231, 75.5694, 94.7209

Deuteranopia

76.5396, 75.7559, 105.1960



Tritanopia

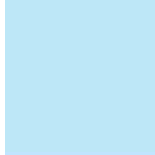
62.8211, 76.1211, 105.9896

Trichromacy



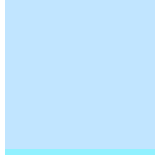
Original Color

59.3028, 76.5106, 106.2502



Protanomaly

66.3507, 74.6860, 98.9145



Deuteranomaly

68.0616, 74.5961, 105.4190



Tritanomaly

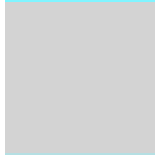
61.3594, 76.2416, 106.0899

Monochromacy



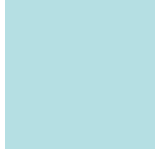
Original Color

59.3028, 76.5106, 106.2502



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.3089, 68.1452, 82.7005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3028, 76.5106, 106.2502 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(128, 244, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 244, 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(128, 244, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 244, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.3028, 76.5106, 106.2502 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(128, 244, 255) }
```


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

```
.border{ border-color:rgb(128, 244, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 244, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 244, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 244, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 244,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3028, 76.5106, 106.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 244, 255) }
```

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

```
.background{ background-color: rgb(128,  
244, 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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