

Converting Colors

XYZ(59.7927, 77.0262,
106.3239)

Have a look what the booklet for
XYZ(59.7927, 77.0262, 106.3239)
contains.

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Color

**XYZ(59.9083, 77.2706,
106.3650)**

Conversions

Conversions Part 1

Format	Color
Hex	82F5FF
RGB	130, 245, 255
RGB Percent	51%, 96%, 100%
CMY	0.4902, 0.0392, 0.0000
CMYK	0.49, 0.04, 0.00, 0.00
HSL	185°, 100%, 75%
HSV	185°, 49%, 100%
XYZ	59.9083, 77.2706, 106.3650
YIQ	211.7550, -71.7500, -21.2700

Conversions

Conversions Part 2

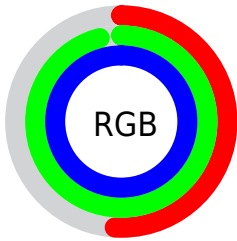
Format	Color
RYB	130, 190, 255
Decimal	8582655
CIELab	90.45, -30.12, -14.92
CIElCh	90, 33.612, 206.350
Yxy	77.2706, 0.2460, 0.3173
Android (android.graphics.Color)	4286772735 (0xFF82F5FF)
YUV	211.7550, 21.3198, -71.6991
Hunter-Lab	87.9037, -32.1798, -10.2093

Details

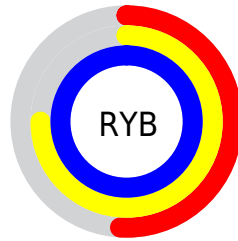
The XYZ color **59.9083, 77.2706, 106.3650** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.6480, 41.6285, 26.2759**, and the grayscale version is **62.3157, 65.5610, 71.3959**.

A 20% lighter version of the original color is **75.0452, 89.6871, 107.9638**, and **30.4230, 41.2019, 59.7754** is the 20% darker color. If you saturate the color by 10%, you get **55.8578, 74.2734, 105.9999**, and if you desaturate by 10%, it is **64.9388, 80.7867, 106.7785**.

Distribution



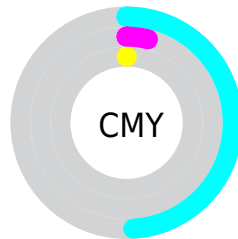
- Red (51%)
- Green (96%)
- Blue (100%)



- Red (51%)
- Yellow (75%)
- Blue (100%)



- Cyan (49%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9083, 77.2706, 106.3650 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 59.9083, 77.2706, 106.3650 by changing the saturation by 10% instead.

59.9083, 77.2706,
106.3650

59.9083, 77.2706,
106.3650

414.0998,
485.6861, 601.8325

43.5939, 57.4750,
80.9804

103.8037,
129.5214, 172.0049

30.5479, 41.3867,
59.9945

132.1155,
162.7454, 213.0972

20.4050, 28.6214,
42.9889

165.1571,
201.2142, 260.2625

12.7997, 18.7946,
29.5451

203.2938,
245.3124, 313.9193

7.3668, 11.5219,
19.2444

246.8911,
295.4243, 374.4862

3.7409, 6.4191,
11.6684

296.3143,

1.5566, 3.1015,

351.9343, 442.3816

6.3986

351.9288,
415.2268, 518.0242

■ 0.3639, 1.1850,
3.0162

■ 0.0000, 0.0494,
1.1029

■ 59.9083, 77.2706,
106.3650

■ 59.9083, 77.2706,
106.3650

■ 55.8578, 74.2734,
105.9999

■ 64.9388, 80.7867,
106.7785

■ 52.7081, 71.7489,
105.6787

■ 71.0086, 84.8468,
107.2423

■ 50.3781, 69.6570,
105.3977

■ 78.1794, 89.4848,
107.7595

■ 48.7689, 67.9466,
105.1524

■ 86.5067, 94.7291,
108.3329

■ 47.7346, 66.5426, 95.0500, 100.0000,
104.9359 108.9000

■ 47.6460, 66.4119,
104.9153

Harmonies

Analogous

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



58.4843, 77.2706, 81.2257



59.9083, 77.2706, 106.3650



64.8576, 77.2706, 128.7794

Triad

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



59.9083, 77.2706, 106.3650



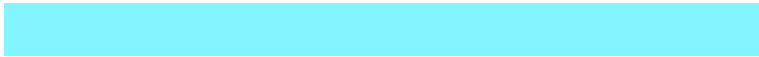
87.7156, 77.2706, 112.4368



74.4758, 77.2706, 45.9202

Complementary

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



59.9083, 77.2706, 106.3650



54.6480, 41.6285, 26.2759

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.



82.7553, 77.2706, 51.2227



59.9083, 77.2706, 106.3650



90.7578, 77.2706, 87.1120

Square

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



59.9083, 77.2706, 106.3650



80.8430, 77.2706, 132.7279



88.8775, 77.2706, 65.2397



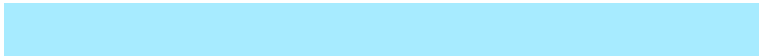
66.5097, 77.2706, 49.1376

Rectangle

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



59.9083, 77.2706, 106.3650



69.6997, 77.2706, 137.5237



88.8775, 77.2706, 65.2397



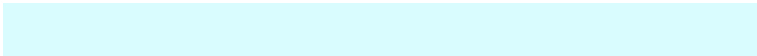
77.3188, 77.2706, 46.7344

Sweetspot

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



59.9104, 77.2735, 106.3654



81.3829, 91.5172, 107.9830



49.5788, 78.1111, 36.6373



17.0545, 19.3575, 23.0875



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

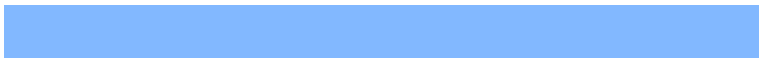
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.9104, 77.2735, 106.3654



55.8640, 74.2782, 106.0005



44.4326, 46.3179, 101.2061



18.4233, 20.2181, 23.1814



24.9481, 34.8058, 54.8379



2.4644, 3.4596, 5.3511

Inverse Universe

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



65.7054, 43.8196, 91.3843



62.4187, 37.7409, 88.7637



66.1180, 64.5686, 30.0993



18.7263, 18.2738, 22.4418



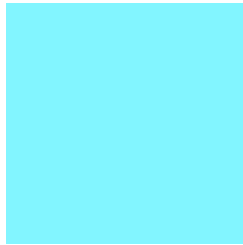
29.3808, 14.2416, 42.2515



2.8785, 1.3938, 4.2078

Previews

White Background



This preview shows how the XYZ color 59.9083, 77.2706, 106.3650 looks on a white background.

Color Contrast Check

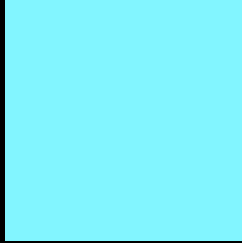
Large Text (above 18pt) WCAG AA × Fail

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 59.9083, 77.2706, 106.3650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

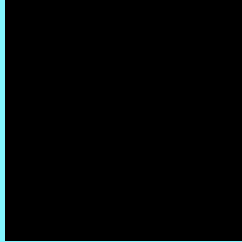
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9083, 77.2706, 106.3650

Background



This preview shows how black text looks on a background with the XYZ color 59.9083, 77.2706, 106.3650.

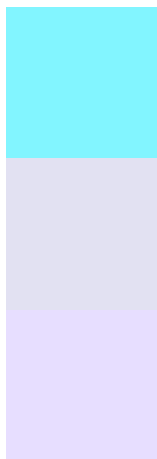


This preview shows how white text looks on a background with the XYZ color 59.9083, 77.2706,

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

59.9083, 77.2706, 106.3650

Protanopia

74.3163, 76.4300, 94.8400

Deuteranopia

77.1263, 76.4515, 105.2994



Tritanopia

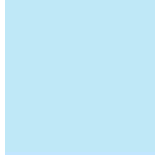
64.1104, 77.2216, 106.1340

Trichromacy



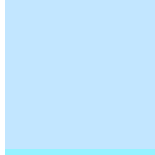
Original Color

59.9083, 77.2706, 106.3650



Protanomaly

67.1310, 75.5050, 99.0314



Deuteranomaly

68.5949, 75.2830, 105.5235



Tritanomaly

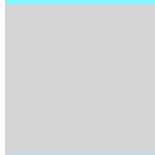
62.3798, 77.2083, 106.2227

Monochromacy



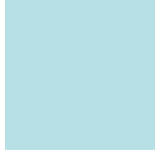
Original Color

59.9083, 77.2706, 106.3650



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.9506, 68.8578, 83.5299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9083, 77.2706, 106.3650 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(130, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 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(130, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.9083, 77.2706, 106.3650 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(130, 245, 255) }
```


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

```
.border{ border-color:rgb(130, 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(130, 245, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9083, 77.2706, 106.3650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 245, 255) }
```

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

```
.background{ background-color: rgb(130,  
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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