

Converting Colors

XYZ(59.8572, 78.5360,
106.6119)

Have a look what the booklet for
XYZ(59.8572, 78.5360, 106.6119)
contains.

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Color

**XYZ(59.9296, 78.6399,
106.6281)**

Conversions

Conversions Part 1

Format	Color
Hex	7CF8FF
RGB	124, 248, 255
RGB Percent	49%, 97%, 100%
CMY	0.5137, 0.0274, 0.0000
CMYK	0.51, 0.03, 0.00, 0.00
HSL	183°, 100%, 74%
HSV	183°, 51%, 100%
XYZ	59.9296, 78.6399, 106.6281
YIQ	211.7220, -76.1510, -24.1110

Conversions

Conversions Part 2

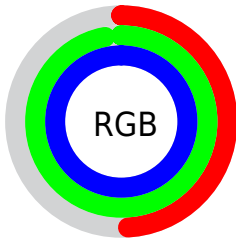
Format	Color
RYB	124, 188, 255
Decimal	8190207
CIELab	91.07, -32.76, -14.00
CIELCh	91, 35.631, 203.144
Yxy	78.6399, 0.2444, 0.3207
Android (android.graphics.Color)	4286380287 (0xFF7CF8FF)
YUV	211.7220, 21.3361, -76.9322
Hunter-Lab	88.6791, -34.5577, -9.2151

Details

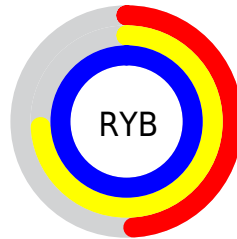
The XYZ color **59.9296, 78.6399, 106.6281** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.9951, 38.9486, 23.7956**, and the grayscale version is **62.2960, 65.5402, 71.3733**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **30.5112, 42.2087, 59.9651** is the 20% darker color. If you saturate the color by 10%, you get **56.2932, 76.1478, 106.3388**, and if you desaturate by 10%, it is **64.5259, 81.6351, 106.9640**.

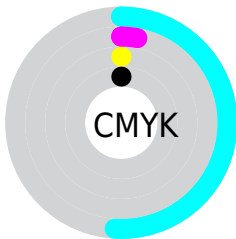
Distribution



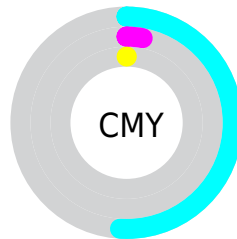
- Red (49%)
- Green (97%)
- Blue (100%)



- Red (49%)
- Yellow (74%)
- Blue (100%)



- Cyan (51%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9296, 78.6399, 106.6281 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 59.9296, 78.6399, 106.6281 by changing the saturation by 10% instead.

59.9296, 78.6399,
106.6281

59.9296, 78.6399,
106.6281

414.1771,
490.3373, 602.6676

43.6111, 58.5998,
81.1997

103.8345,
131.4518, 172.3673

30.5615, 42.2910,
60.1742

132.1516,
164.9924, 213.5153

20.4154, 29.3292,
43.1328

165.1989,
203.8019, 260.7401

12.8073, 19.3300,
29.6572

203.3419,
248.2647, 314.4605

7.3721, 11.9090,
19.3287

246.9459,
298.7653, 375.0949

3.7443, 6.6817,
11.7288

296.3762,

1.5585, 3.2639,

355.6880, 443.0618

6.4390

351.9981,
419.4172, 518.7799

■ 0.3651, 1.2710,
3.0407

■ 0.0000, 0.1186,
1.1155

■ 59.9296, 78.6399,
106.6281

■ 59.9296, 78.6399,
106.6281

■ 56.2932, 76.1478,
106.3388

■ 64.5259, 81.6351,
106.9640

■ 53.5354, 74.1112,
106.0910

■ 70.1428, 85.1591,
107.3482

■ 51.5719, 72.4887,
105.8813

■ 76.8434, 89.2463,
107.7839

■ 50.2990, 71.2267,
105.7048

■ 84.6840, 93.9258,
108.2739

■ 49.6182, 70.3565,
105.5727

93.7168, 99.2244,
108.8206

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.



58.8407, 78.6399, 79.8421



59.9296, 78.6399, 106.6281



64.8345, 78.6399, 131.7385

Triad

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



59.9296, 78.6399, 106.6281



89.4702, 78.6399, 118.9395



76.8306, 78.6399, 45.2307

Complementary

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



59.9296, 78.6399, 106.6281



52.9951, 38.9486, 23.7956

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.



85.6169, 78.6399, 51.7657



59.9296, 78.6399, 106.6281



93.2841, 78.6399, 91.6816

Square

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



59.9296, 78.6399, 106.6281



81.7577, 78.6399, 139.7849



91.8203, 78.6399, 67.5795



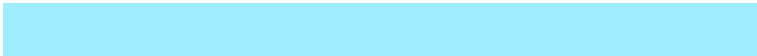
68.1450, 78.6399, 47.6483

Rectangle

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



59.9296, 78.6399, 106.6281



69.8365, 78.6399, 142.3796



91.8203, 78.6399, 67.5795



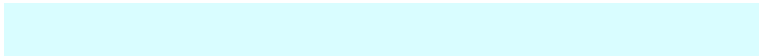
79.8780, 78.6399, 46.4009

Sweetspot

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



59.9317, 78.6428, 106.6286



81.7028, 92.1570, 108.0896



48.1398, 77.4322, 33.7240



17.1324, 19.5134, 23.1134



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

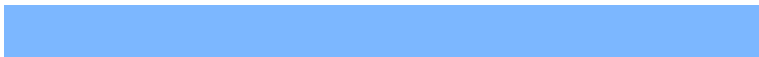
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.9317, 78.6428, 106.6286



56.0944, 76.0064, 106.3220



43.2870, 45.3533, 101.0803



18.4669, 20.3053, 23.1960



25.9627, 36.8349, 55.1761



2.5523, 3.6353, 5.3804

Inverse Universe

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



65.3923, 42.4544, 93.5582



62.2256, 36.4790, 91.3986



64.6303, 62.2191, 27.6740



18.7483, 18.2826, 22.5577



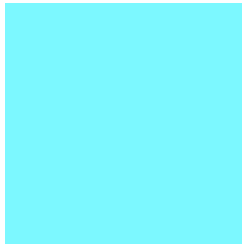
29.8930, 14.4465, 44.9483



2.9229, 1.4115, 4.4414

Previews

White Background



This preview shows how the XYZ color 59.9296, 78.6399, 106.6281 looks on a white background.

Color Contrast Check

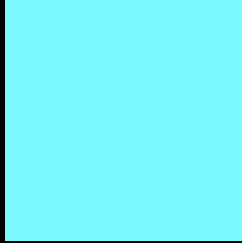
Large Text (above 18pt) WCAG AA × Fail

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 59.9296, 78.6399, 106.6281 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 59.9296, 78.6399, 106.6281

Background



This preview shows how black text looks on a background with the XYZ color 59.9296, 78.6399, 106.6281.

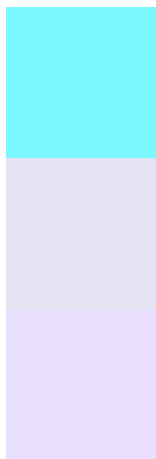


This preview shows how white text looks on a background with the XYZ color 59.9296, 78.6399,

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

59.9296, 78.6399, 106.6281

Protanopia

75.4910, 77.8430, 95.0508

Deuteranopia

78.0419, 77.3190, 105.4185



Tritanopia

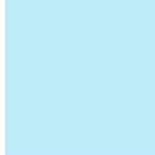
65.4416, 78.3461, 106.2809

Trichromacy



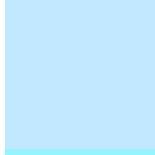
Original Color

59.9296, 78.6399, 106.6281



Protanomaly

67.7320, 77.0792, 99.3036



Deuteranomaly

68.8989, 76.2707, 105.6981



Tritanomaly

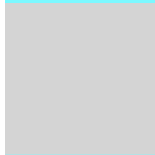
63.1632, 78.5007, 106.4308

Monochromacy



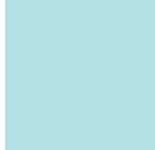
Original Color

59.9296, 78.6399, 106.6281



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.7512, 69.1552, 83.5978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9296, 78.6399, 106.6281 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(124, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(124, 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(124, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.9296, 78.6399, 106.6281 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(124, 248, 255) }
```


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

```
.border{ border-color:rgb(124, 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(124, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(124, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9296, 78.6399, 106.6281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 248, 255) }
```

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

```
.background{ background-color: rgb(124,  
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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