

Converting Colors

XYZ(59.8313, 81.8888,
105.2325)

Have a look what the booklet for
XYZ(59.8313, 81.8888, 105.2325)
contains.

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Color

**XYZ(59.9200, 81.9268,
105.5839)**

Conversions

Conversions Part 1

Format	Color
Hex	6EFFFF
RGB	110, 255, 253
RGB Percent	43%, 100%, 99%
CMY	0.5686, 0.0000, 0.0078
CMYK	0.57, 0.00, 0.01, 0.00
HSL	179°, 100%, 72%
HSV	179°, 57%, 100%
XYZ	59.9200, 81.9268, 105.5839
YIQ	211.4170, -85.7780, -31.3620

Conversions

Conversions Part 2

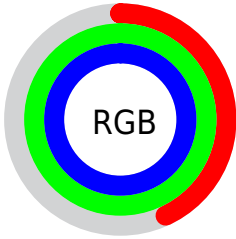
Format	Color
R _Y B	110, 183, 255
Decimal	7274493
CIE Lab	92.54, -39.13, -10.82
CIE LCh	93, 40.596, 195.453
Yxy	81.9268, 0.2422, 0.3311
Android (android.graphics.Color)	4285464573 (0xFF6EFFF0)
YUV	211.4170, 20.5004, -88.9427
Hunter-Lab	90.5134, -40.2313, -5.8024

Details

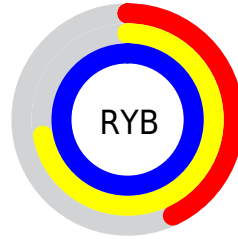
The XYZ color **59.9200, 81.9268, 105.5839** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **49.7416, 33.5833, 19.1913**, and the grayscale version is **62.1027, 65.3369, 71.1518**.

A 20% lighter version of the original color is **71.0436, 87.6242, 107.7765**, and **30.5839, 44.5933, 59.2200** is the 20% darker color. If you saturate the color by 10%, you get **57.1357, 80.4979, 105.1631**, and if you desaturate by 10%, it is **63.6194, 83.8274, 106.0510**.

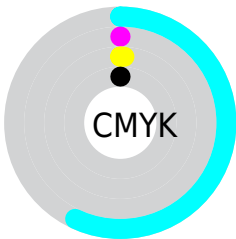
Distribution



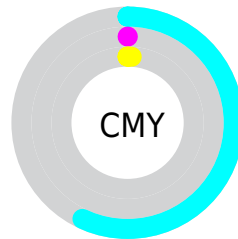
- Red (43%)
- Green (100%)
- Blue (99%)



- Red (43%)
- Yellow (72%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)




- Cyan (57%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9200, 81.9268, 105.5839 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 59.9200, 81.9268, 105.5839 by changing the saturation by 10% instead.


 59.9200, 81.9268,
105.5839


 59.9200, 81.9268,
105.5839

414.1423,
501.4028, 599.3496


 43.6034, 61.3052,
80.3292


 103.8206,
136.0713, 170.9284

 30.5554, 44.4715,
59.4616


 132.1353,
170.3631, 211.8552

 20.4107, 31.0414,
42.5623


 165.1801,
209.9803, 258.8433

 12.8039, 20.6304,
29.2130

203.3202,
255.3074, 312.3110

 7.3697, 12.8541,
18.9951

246.9212,
306.7289, 372.6769

 3.7428, 7.3281,
11.4899

296.3483,

 1.5577, 3.6681,

364.6290, 440.3596

6.2791

351.9669,
429.3922, 515.7777

■ 0.3646, 1.4897,
2.9440

■ 0.0000, 0.2815,
1.0661

■ 59.9200, 81.9268,
105.5839

■ 59.9200, 81.9268,
105.5839

■ 57.1357, 80.4979,
105.1631

■ 63.6194, 83.8274,
106.0510

■ 55.1822, 79.4973,
104.7802

■ 68.3015, 86.2346,
106.5632

■ 53.9659, 78.8767,
104.4323

■ 74.0315, 89.1821,
107.1250

■ 53.3670, 78.5744,
104.1139

■ 80.8681, 92.7000,
107.7391

■ 53.2493, 78.5157,
104.0173

■ 88.8658, 96.8164,
108.4081

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.



59.8503, 81.9268, 75.4034



59.9200, 81.9268, 105.5839



64.4976, 81.9268, 137.3029

Triad

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



59.9200, 81.9268, 105.5839



93.2269, 81.9268, 136.4388



83.0720, 81.9268, 43.9858

Complementary

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



59.9200, 81.9268, 105.5839



49.7416, 33.5833, 19.1913

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.



92.9714, 81.9268, 53.8982



59.9200, 81.9268, 105.5839



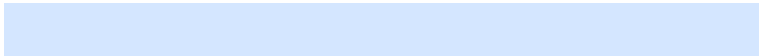
99.1834, 81.9268, 104.5942

Square

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



59.9200, 81.9268, 105.5839



83.3959, 81.9268, 157.6724



99.0859, 81.9268, 74.6130



72.5918, 81.9268, 44.1344

Rectangle

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



59.9200, 81.9268, 105.5839



69.7479, 81.9268, 153.1152



99.0859, 81.9268, 74.6130



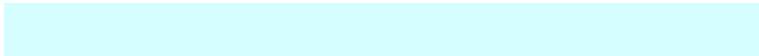
86.5971, 81.9268, 46.1329

Sweetspot

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



59.9212, 81.9274, 105.5854



80.7645, 92.6467, 107.7302



45.3110, 76.1185, 27.0580



16.9741, 19.6692, 23.0314



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.



59.9212, 81.9274, 105.5854



56.8726, 80.3630, 105.1175



41.8135, 45.1999, 101.1284



18.5434, 20.4769, 23.1648



27.8289, 41.0281, 54.3774



2.7129, 3.9961, 5.3121

Inverse Universe

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



49.7416, 33.5833, 19.1913



45.8270, 27.8744, 11.3503



60.3937, 55.0636, 22.1991



18.0196, 17.9911, 18.7202



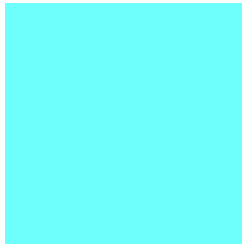
21.5632, 11.1146, 1.0845



2.1029, 1.0836, 0.1235

Previews

White Background



This preview shows how the XYZ color 59.9200, 81.9268, 105.5839 looks on a white background.

Color Contrast Check

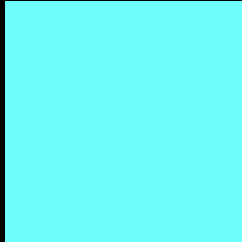
Large Text (above 18pt) WCAG AA × Fail

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 59.9200, 81.9268, 105.5839 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 59.9200, 81.9268, 105.5839

Background



This preview shows how black text looks on a background with the XYZ color 59.9200, 81.9268, 105.5839.

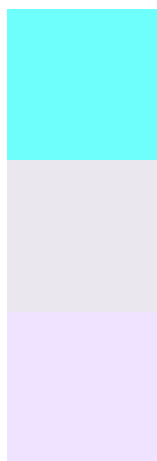


This preview shows how white text looks on a background with the XYZ color 59.9200, 81.9268,

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

59.9200, 81.9268, 105.5839

Protanopia

77.9402, 80.8173, 92.3803

Deuteranopia

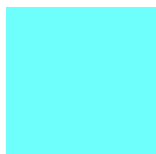
81.4543, 80.6834, 105.8881



Tritanopia

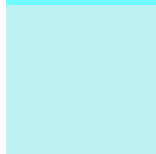
69.1566, 81.1449, 106.6253

Trichromacy



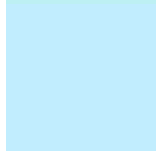
Original Color

59.9200, 81.9268, 105.5839



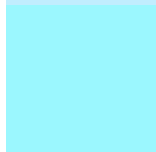
Protanomaly

68.3240, 79.6101, 96.5592



Deuteranomaly

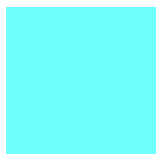
70.1659, 79.0616, 105.3282



Tritanomaly

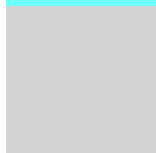
64.6677, 80.6458, 105.9238

Monochromacy



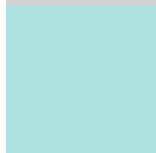
Original Color

59.9200, 81.9268, 105.5839



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.6521, 69.4278, 82.2611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9200, 81.9268, 105.5839 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(110, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(110, 255, 253)  
}
```

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(110, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 255, 253) }
```

Border

The CSS property to change the border of an element to XYZ 59.9200, 81.9268, 105.5839 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(110, 255, 253) }
```


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

```
.border{ border-color:rgb(110, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(110, 255,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9200, 81.9268, 105.5839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 255, 253) }
```

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

```
.background{ background-color: rgb(110,  
255, 253) }
```

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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