

Converting Colors

XYZ(57.3405, 59.2362,
103.0193)

Have a look what the booklet for
XYZ(57.3405, 59.2362, 103.0193)
contains.

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Color

**XYZ(57.3104, 59.1620,
103.0066)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CBFF
RGB	176, 203, 255
RGB Percent	69%, 80%, 100%
CMY	0.3098, 0.2039, 0.0000
CMYK	0.31, 0.20, 0.00, 0.00
HSL	219°, 100%, 85%
HSV	219°, 31%, 100%
XYZ	57.3104, 59.1620, 103.0066
YIQ	200.8550, -32.7840, 10.4480

Conversions

Conversions Part 2

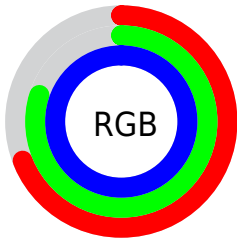
Format	Color
RYB	176, 196, 255
Decimal	11586559
CIELab	81.38, 2.67, -28.44
CIELCh	81, 28.563, 275.358
Yxy	59.1620, 0.2611, 0.2696
Android (android.graphics.Color)	4289776639 (0xFFB0CBFF)
YUV	200.8550, 26.6935, -21.7978
Hunter-Lab	76.9168, -1.6049, -25.5591

Details

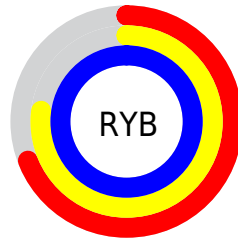
The XYZ color **57.3104, 59.1620, 103.0066** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.8200, 79.8811, 52.4458**, and the grayscale version is **55.2835, 58.1626, 63.3391**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **28.8256, 29.6371, 57.6273** is the 20% darker color. If you saturate the color by 10%, you get **48.3257, 48.9624, 101.5114**, and if you desaturate by 10%, it is **67.8106, 70.7827, 104.6962**.

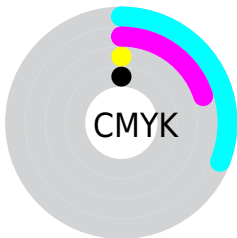
Distribution



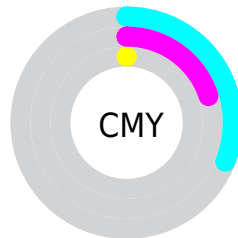
- Red (69%)
- Green (80%)
- Blue (100%)



- Red (69%)
- Yellow (77%)
- Blue (100%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3104, 59.1620, 103.0066 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 57.3104, 59.1620, 103.0066 by changing the saturation by 10% instead.

■ 57.3104, 59.1620,
103.0066

■ 57.3104, 59.1620,
103.0066

404.6068,
421.5020, 591.1185

■ 41.4956, 42.7435,
78.1830

■ 100.0467,
103.6131, 167.3706

■ 28.8959, 29.6839,
57.7070

127.6989,
132.4145, 207.7482

■ 19.1460, 19.5988,
41.1600

160.0277,
166.1123, 254.1474

■ 11.8804, 12.1038,
28.1235

197.3983,
205.0910, 306.9869

■ 6.7339, 6.8144,
18.1789

240.1762,
249.7349, 366.6853

■ 3.3411, 3.3463,
10.9077

288.7267,

■ 1.3366, 1.3151,

300.4285, 433.6609

5.8914

343.4151,
357.5560, 508.3325

■ 0.2104, 0.1528,
2.7115

■ 0.0000, 0.0000,
0.9492

■ 57.3104, 59.1620,
103.0066

■ 57.3104, 59.1620,
103.0066

■ 48.3257, 48.9624,
101.5114

■ 67.8106, 70.7827,
104.6962

■ 40.7771, 40.1185,
100.2022

■ 79.8901, 83.8725,
106.5861

■ 34.5850, 32.5696,
99.0715

■ 93.6154, 98.4855,
108.6833

■ 29.6597, 26.2469,
98.1107

■ 95.0500, 100.0000,
108.9000

■ 25.8995, 21.0741,
97.3104

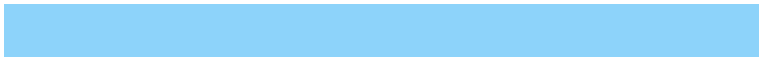
■ 23.1842, 16.9637,
96.6601

■ 21.4710, 14.0620,
96.1903

Harmonies

Analogous

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



51.5799, 59.1620, 99.1578



57.3104, 59.1620, 103.0066



63.1396, 59.1620, 95.1214

Triad

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



57.3104, 59.1620, 103.0066



66.1229, 59.1620, 47.2042



46.4299, 59.1620, 51.6591

Complementary

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



57.3104, 59.1620, 103.0066



76.8200, 79.8811, 52.4458

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.



49.8470, 59.1620, 41.1532



57.3104, 59.1620, 103.0066



61.1551, 59.1620, 38.9179

Square

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



57.3104, 59.1620, 103.0066



68.4527, 59.1620, 61.3961



55.1666, 59.1620, 36.9162



45.5594, 59.1620, 67.5361

Rectangle

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



57.3104, 59.1620, 103.0066



66.2145, 59.1620, 84.9711



55.1666, 59.1620, 36.9162



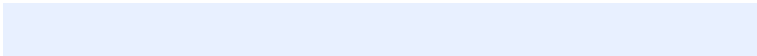
47.3064, 59.1620, 47.4781

Sweetspot

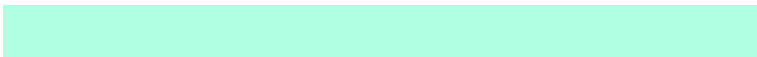
The Sweet Spot groups the original color and five complimentary colors.



57.3121, 59.1642, 103.0069



82.4739, 86.6421, 106.9845



67.5789, 86.3160, 86.0263



17.2449, 18.1079, 22.8362



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.



57.3121, 59.1642, 103.0069



51.7250, 52.8558, 102.0837



54.2788, 48.9446, 101.1942



17.5105, 18.3926, 22.8772



11.3430, 7.5956, 50.3028



1.2012, 0.9331, 4.9301

Inverse Universe

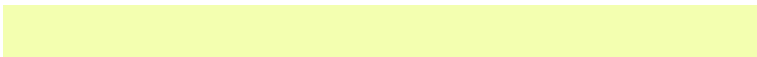
The Inverse Universe completely reimagines the original color for something new.



67.5459, 56.6239, 63.8719



63.5381, 50.4733, 56.7862



80.6109, 93.7362, 54.9202



18.2656, 18.0895, 20.0157



22.5136, 11.4947, 6.0893



2.2409, 1.1387, 0.8501

Previews

White Background



This preview shows how the XYZ color 57.3104, 59.1620, 103.0066 looks on a white background.

Color Contrast Check

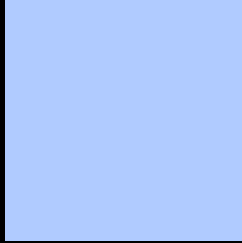
Large Text (above 18pt) WCAG AA × Fail

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 57.3104, 59.1620, 103.0066 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

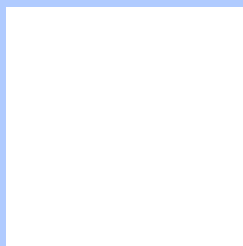
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3104, 59.1620, 103.0066

Background



This preview shows how black text looks on a background with the XYZ color 57.3104, 59.1620, 103.0066.



This preview shows how white text looks on a background with the XYZ color 57.3104, 59.1620,

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

57.3104, 59.1620, 103.0066

Protanopia

59.3702, 59.2192, 101.2298

Deuteranopia

60.2364, 58.9456, 102.8106



Tritanopia

52.5087, 58.9830, 79.8515

Trichromacy



Original Color

57.3104, 59.1620, 103.0066

Protanomaly

58.5432, 59.1194, 102.0916

Deuteranomaly

59.1978, 59.0933, 102.8938

Tritanomaly

54.2249, 58.9694, 87.8812

Monochromacy



Original Color

57.3104, 59.1620, 103.0066

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.9099, 58.6680, 76.7839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3104, 59.1620, 103.0066 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(176, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(176, 203, 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(176, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.3104, 59.1620, 103.0066 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(176, 203, 255) }
```


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

```
.border{ border-color:rgb(176, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(176, 203,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3104, 59.1620, 103.0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 203, 255) }
```

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

```
.background{ background-color: rgb(176,  
203, 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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