

Converting Colors

XYZ(57.9546, 59.5775,
103.0528)

Have a look what the booklet for
XYZ(57.9546, 59.5775, 103.0528)
contains.

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Color

**XYZ(57.9963, 59.5156,
103.0387)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CBFF
RGB	179, 203, 255
RGB Percent	70%, 80%, 100%
CMY	0.2980, 0.2039, 0.0000
CMYK	0.30, 0.20, 0.00, 0.00
HSL	221°, 100%, 85%
HSV	221°, 30%, 100%
XYZ	57.9963, 59.5156, 103.0387
YIQ	201.7520, -30.9960, 11.0840

Conversions

Conversions Part 2

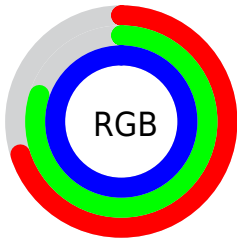
Format	Color
RYB	179, 197, 255
Decimal	11783167
CIELab	81.57, 3.51, -28.12
CIELCh	82, 28.343, 277.116
Yxy	59.5156, 0.2630, 0.2699
Android (android.graphics.Color)	4289973247 (0xFFB3CBFF)
YUV	201.7520, 26.2513, -19.9535
Hunter-Lab	77.1464, -0.8152, -25.1868

Details

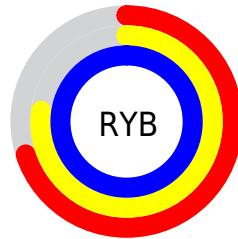
The XYZ color **57.9963, 59.5156, 103.0387** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.9527, 81.6661, 54.3041**, and the grayscale version is **55.8415, 58.7496, 63.9783**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **29.2527, 29.8572, 57.6473** is the 20% darker color. If you saturate the color by 10%, you get **48.7478, 48.9729, 101.4912**, and if you desaturate by 10%, it is **68.8017, 71.5519, 104.7924**.

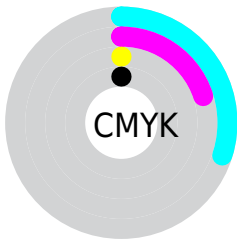
Distribution



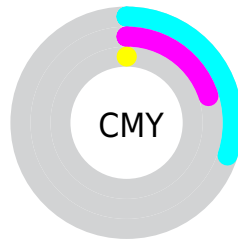
- Red (70%)
- Green (80%)
- Blue (100%)



- Red (70%)
- Yellow (77%)
- Blue (100%)



- Cyan (30%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9963, 59.5156, 103.0387 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 57.9963, 59.5156, 103.0387 by changing the saturation by 10% instead.

■ 57.9963, 59.5156,
103.0387

■ 57.9963, 59.5156,
103.0387

407.1262,
422.8100, 591.2214

■ 42.0489, 43.0283,
78.2097

■ 101.0405,
104.1267, 167.4150

■ 29.3309, 29.9073,
57.7288

128.8680,
133.0192, 207.7994

■ 19.4768, 19.7683,
41.1774

161.3862,
166.8157, 254.2060

■ 12.1214, 12.2267,
28.1370

198.9606,
205.9004, 307.0534

■ 6.8992, 6.8983,
18.1890

241.9564,
250.6578, 366.7601

■ 3.4449, 3.3986,
10.9149

290.7391,

■ 1.3932, 1.3432,

301.4723, 433.7446

5.8962

345.6739,
358.7282, 508.4256

■ 0.2513, 0.1743,
2.7143

■ 0.0000, 0.0000,
0.9506

■ 57.9963, 59.5156,
103.0387

■ 57.9963, 59.5156,
103.0387

■ 48.7478, 48.9729,
101.4912

■ 68.8017, 71.5519,
104.7924

■ 40.9756, 39.8556,
100.1410

■ 81.2288, 85.1329,
106.7588

■ 34.5993, 32.0994,
98.9800

95.0500, 100.0000,
108.9000

■ 29.5281, 25.6325,
97.9990

■ 25.6597, 20.3749,
97.1881

■ 22.8741, 16.2357,
96.5360

■ 20.9896, 13.0898,
96.0281

■ 20.9578, 13.0356,
96.0193

Harmonies

Analogous

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



52.2361, 59.5156, 99.9029



57.9963, 59.5156, 103.0387



63.7532, 59.5156, 94.5857

Triad

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



57.9963, 59.5156, 103.0387



66.1861, 59.5156, 46.9797



46.6723, 59.5156, 52.8821

Complementary

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



57.9963, 59.5156, 103.0387



77.9527, 81.6661, 54.3041

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.



49.9437, 59.5156, 42.0365



57.9963, 59.5156, 103.0387



61.1326, 59.5156, 39.0689

Square

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



57.9963, 59.5156, 103.0387



68.6917, 59.5156, 60.8293



55.1629, 59.5156, 37.4326



45.9616, 59.5156, 68.9448

Rectangle

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



57.9963, 59.5156, 103.0387



66.7253, 59.5156, 84.2614



55.1629, 59.5156, 37.4326



47.4972, 59.5156, 48.5966

Sweetspot

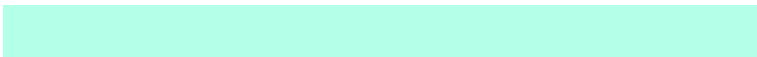
The Sweet Spot groups the original color and five complimentary colors.



57.9980, 59.5179, 103.0390



82.2988, 86.2918, 106.9261



68.7657, 86.8699, 88.6959



17.2019, 18.0220, 22.8219



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.



57.9980, 59.5179, 103.0390



52.0870, 52.8112, 102.0560



56.1467, 50.7905, 101.4520



17.4711, 18.3138, 22.8640



11.0684, 7.0463, 50.2113



1.1708, 0.8723, 4.9199

Inverse Universe

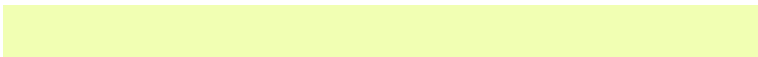
The Inverse Universe completely reimagines the original color for something new.



68.1407, 57.8134, 64.0701



63.9084, 51.3397, 56.5219



80.1956, 93.4874, 56.4676



18.2457, 18.0816, 19.9110



22.3750, 11.4393, 5.3593



2.2256, 1.1326, 0.7694

Previews

White Background



This preview shows how the XYZ color 57.9963, 59.5156, 103.0387 looks on a white background.

Color Contrast Check

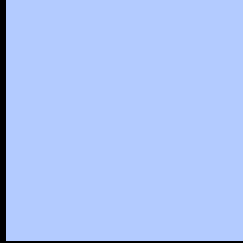
Large Text (above 18pt) WCAG AA × Fail

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 57.9963, 59.5156, 103.0387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

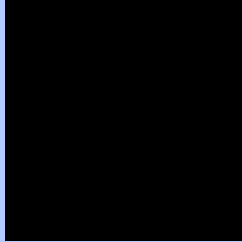
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

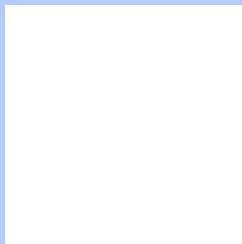
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9963, 59.5156, 103.0387

Background



This preview shows how black text looks on a background with the XYZ color 57.9963, 59.5156, 103.0387.



This preview shows how white text looks on a background with the XYZ color 57.9963, 59.5156,

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

57.9963, 59.5156, 103.0387

Protanopia

59.6191, 59.3476, 101.2415

Deuteranopia

60.7216, 59.5362, 102.8990



Tritanopia

53.3801, 59.4322, 79.8923

Trichromacy



Original Color

57.9963, 59.5156, 103.0387

Protanomaly

59.0257, 59.3681, 102.1141

Deuteranomaly

59.6905, 59.3474, 102.9169

Tritanomaly

54.8908, 59.3127, 87.9123

Monochromacy



Original Color

57.9963, 59.5156, 103.0387

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.4198, 58.9309, 76.8078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9963, 59.5156, 103.0387 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(179, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.9963, 59.5156, 103.0387 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(179, 203, 255) }
```


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

```
.border{ border-color:rgb(179, 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(179, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(179, 203,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9963, 59.5156, 103.0387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 203, 255) }
```

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

```
.background{ background-color: rgb(179,  
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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