

Converting Colors

XYZ(64.4017, 62.0532,
129.7098)

Have a look what the booklet for
XYZ(64.4017, 62.0532, 129.7098)
contains.

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Color

**XYZ(59.1781, 59.7753,
103.0265)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CAFF
RGB	185, 202, 255
RGB Percent	73%, 79%, 100%
CMY	0.2745, 0.2078, 0.0000
CMYK	0.27, 0.21, 0.00, 0.00
HSL	225°, 100%, 86%
HSV	225°, 27%, 100%
XYZ	59.1781, 59.7753, 103.0265
YIQ	202.9590, -27.1450, 12.8790

Conversions

Conversions Part 2

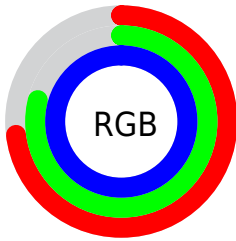
Format	Color
RYB	185, 199, 255
Decimal	12176127
CIELab	81.72, 5.76, -27.87
CIELCh	82, 28.461, 281.679
Yxy	59.7753, 0.2666, 0.2693
Android (android.graphics.Color)	4290366207 (0xFFB9CAFF)
YUV	202.9590, 25.6562, -15.7500
Hunter-Lab	77.3145, 1.3272, -24.8876

Details

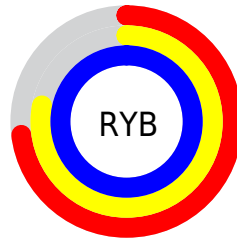
The XYZ color **59.1781, 59.7753, 103.0265** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.5717, 85.9117, 58.2368**, and the grayscale version is **56.5968, 59.5442, 64.8436**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **29.9889, 30.0029, 57.6366** is the 20% darker color. If you saturate the color by 10%, you get **49.3192, 48.3847, 101.3475**, and if you desaturate by 10%, it is **70.7104, 72.8727, 104.9467**.

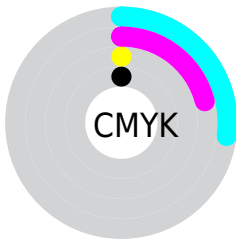
Distribution



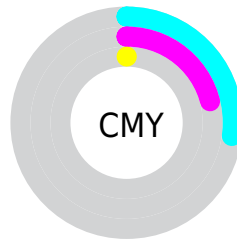
- Red (73%)
- Green (79%)
- Blue (100%)



- Red (73%)
- Yellow (78%)
- Blue (100%)



- Cyan (27%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1781, 59.7753, 103.0265 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 59.1781, 59.7753, 103.0265 by changing the saturation by 10% instead.

■ 59.1781, 59.7753,
103.0265

■ 59.1781, 59.7753,
103.0265

411.4451,
423.7690, 591.1823

■ 43.0034, 43.2375,
78.1996

■ 102.7496,
104.5036, 167.3981

■ 30.0823, 30.0715,
57.7205

130.8772,
133.4630, 207.7799

■ 20.0495, 19.8929,
41.1708

163.7197,
167.3317, 254.1838

■ 12.5395, 12.3172,
28.1319

201.6427,
206.4942, 307.0281

■ 7.1870, 6.9601,
18.1852

245.0113,
251.3347, 366.7317

■ 3.6267, 3.4372,
10.9122

294.1910,

■ 1.4932, 1.3640,

302.2378, 433.7128

5.8944

349.5471,
359.5878, 508.3902

■ 0.3212, 0.1900,
2.7132

■ 0.0000, 0.0000,
0.9501

■ 59.1781, 59.7753,
103.0265

■ 59.1781, 59.7753,
103.0265

■ 49.3192, 48.3847,
101.3475

■ 70.7104, 72.8727,
104.9467

■ 41.0487, 38.6219,
99.8990

■ 83.9853, 87.7376,
107.1163

■ 34.2817, 30.4118,
98.6710

95.0500, 100.0000,
108.9000

■ 28.9230, 23.6701,
97.6521

■ 24.8658, 18.3040,
96.8302

■ 21.9867, 14.2089,
96.1915

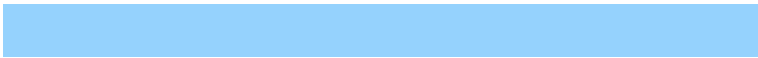
■ 20.1301, 11.2593,
95.7200

■ 19.7690, 10.6580,
95.6230

Harmonies

Analogous

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



53.2705, 59.7753, 101.6888



59.1781, 59.7753, 103.0265



64.8226, 59.7753, 92.9607

Triad

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



59.1781, 59.7753, 103.0265



65.8584, 59.7753, 45.5230



46.5673, 59.7753, 55.2572

Complementary

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



59.1781, 59.7753, 103.0265



80.5717, 85.9117, 58.2368

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.



49.4950, 59.7753, 43.4266



59.1781, 59.7753, 103.0265



60.5126, 59.7753, 38.5251

Square

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



59.1781, 59.7753, 103.0265



68.8566, 59.7753, 58.6338



54.5149, 59.7753, 37.8319



46.2654, 59.7753, 71.9931

Rectangle

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



59.1781, 59.7753, 103.0265



67.5686, 59.7753, 82.0216



54.5149, 59.7753, 37.8319



47.2669, 59.7753, 50.6570

Sweetspot

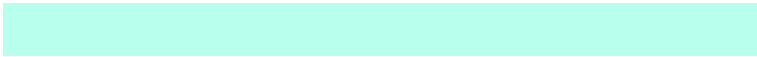
The Sweet Spot groups the original color and five complimentary colors.



59.1798, 59.7776, 103.0269



83.2082, 86.8725, 106.9903



71.1277, 87.9784, 93.7377



17.3612, 18.0941, 22.8274



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.



59.1798, 59.7776, 103.0269



53.5056, 53.2485, 102.0657



59.8930, 54.5461, 101.9795



17.3612, 18.0941, 22.8274



10.4262, 5.7620, 49.9972



1.0960, 0.7228, 4.8950

Inverse Universe

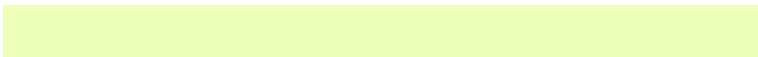
The Inverse Universe completely reimagines the original color for something new.



69.2508, 60.2238, 63.8540



65.2103, 54.1035, 56.4627



79.6098, 93.1138, 59.6777



18.1902, 18.0594, 19.6189



22.0509, 11.3096, 3.6523



2.1878, 1.1175, 0.5706

Previews

White Background



This preview shows how the XYZ color 59.1781, 59.7753, 103.0265 looks on a white background.

Color Contrast Check

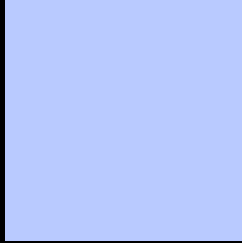
Large Text (above 18pt) WCAG AA × Fail

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 59.1781, 59.7753, 103.0265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

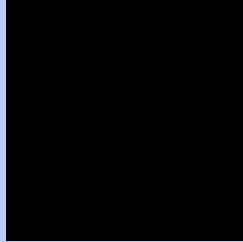
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1781, 59.7753, 103.0265

Background



This preview shows how black text looks on a background with the XYZ color 59.1781, 59.7753, 103.0265.



This preview shows how white text looks on a background with the XYZ color 59.1781, 59.7753,

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

59.1781, 59.7753, 103.0265

Protanopia

60.0112, 59.8762, 102.1603

Deuteranopia

60.9791, 59.6689, 102.9111



Tritanopia

54.6008, 60.0773, 79.2393

Trichromacy



Original Color

59.1781, 59.7753, 103.0265

Protanomaly

59.5151, 59.6204, 102.1370

Deuteranomaly

60.1901, 59.6049, 102.9403

Tritanomaly

56.1228, 59.9645, 87.2136

Monochromacy



Original Color

59.1781, 59.7753, 103.0265

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3057, 59.7216, 77.6143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1781, 59.7753, 103.0265 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(185, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 202, 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(185, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 202, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.1781, 59.7753, 103.0265 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(185, 202, 255) }
```


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

```
.border{ border-color:rgb(185, 202, 255) }
```

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

Here you see how a box with a 4 pixel rgb(185, 202, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 202,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1781, 59.7753, 103.0265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 202, 255) }
```

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

```
.background{ background-color: rgb(185,  
202, 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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