

Converting Colors

XYZ(59.3749, 60.3215,
108.2671)

Have a look what the booklet for
XYZ(59.3749, 60.3215, 108.2671)
contains.

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Color

**XYZ(58.4653, 60.1090,
103.1285)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CCFF
RGB	180, 204, 255
RGB Percent	71%, 80%, 100%
CMY	0.2941, 0.2000, 0.0000
CMYK	0.29, 0.20, 0.00, 0.00
HSL	221°, 100%, 85%
HSV	221°, 29%, 100%
XYZ	58.4653, 60.1090, 103.1285
YIQ	202.6380, -30.6750, 10.7730

Conversions

Conversions Part 2

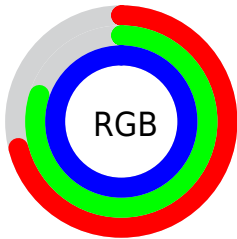
Format	Color
R_{YB}	180, 198, 255
Decimal	11848959
CIE _{Lab}	81.90, 3.26, -27.62
CIE _{LCh}	82, 27.816, 276.726
Yxy	60.1090, 0.2637, 0.2711
Android (android.graphics.Color)	4290039039 (0xFFB4CCFF)
YUV	202.6380, 25.8145, -19.8535
Hunter-Lab	77.5300, -1.0708, -24.5951

Details

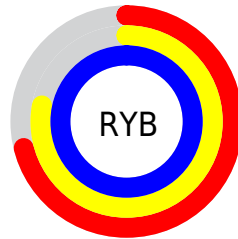
The XYZ color **58.4653, 60.1090, 103.1285** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.0545, 81.7072, 54.8392**, and the grayscale version is **56.3965, 59.3335, 64.6142**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **29.5568, 30.2499, 57.7071** is the 20% darker color. If you saturate the color by 10%, you get **49.1717, 49.5379, 101.5779**, and if you desaturate by 10%, it is **69.3132, 72.1653, 104.8838**.

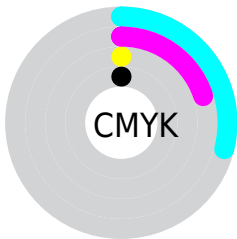
Distribution



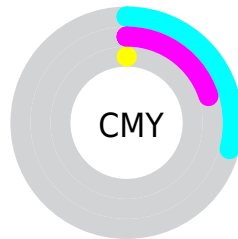
- Red (71%)
- Green (80%)
- Blue (100%)



- Red (71%)
- Yellow (78%)
- Blue (100%)



- Cyan (29%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4653, 60.1090, 103.1285 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 58.4653, 60.1090, 103.1285 by changing the saturation by 10% instead.

■ 58.4653, 60.1090,
103.1285

■ 58.4653, 60.1090,
103.1285

408.8435,
424.9994, 591.5092

■ 42.4275, 43.5065,
78.2844

■ 101.7192,
104.9878, 167.5391

■ 29.6288, 30.2827,
57.7898

129.6661,
134.0328, 207.9427

■ 19.7037, 20.0533,
41.2261

162.3134,
167.9942, 254.3700

■ 12.2868, 12.4338,
28.1748

200.0264,
207.2563, 307.2394

■ 7.0129, 7.0398,
18.2173

243.1706,
252.2034, 366.9694

■ 3.5166, 3.4870,
10.9350

292.1113,

■ 1.4325, 1.3910,

303.2201, 433.9787

5.9095

347.2138,
360.6906, 508.6858

■ 0.2792, 0.2101,
2.7223

■ 0.0000, 0.0000,
0.9546

■ 58.4653, 60.1090,
103.1285

■ 58.4653, 60.1090,
103.1285

■ 49.1717, 49.5379,
101.5779

■ 69.3132, 72.1653,
104.8838

■ 41.3523, 40.3843,
100.2232

■ 81.7800, 85.7571,
106.8502

■ 34.9273, 32.5851,
99.0564

95.0500, 100.0000,
108.9000

■ 29.8068, 26.0690,
98.0686

■ 25.8892, 20.7575,
97.2498

■ 23.0560, 16.5610,
96.5891

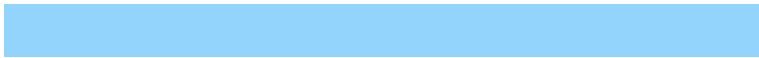
■ 21.1336, 13.3593,
96.0725

■ 21.0375, 13.1951,
96.0458

Harmonies

Analogous

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



52.7829, 60.1090, 99.8990



58.4653, 60.1090, 103.1285



64.1577, 60.1090, 94.9588

Triad

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



58.4653, 60.1090, 103.1285



66.6741, 60.1090, 47.9436



47.3689, 60.1090, 53.4779

Complementary

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



58.4653, 60.1090, 103.1285



78.0545, 81.7072, 54.8392

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.



50.6385, 60.1090, 42.7891



58.4653, 60.1090, 103.1285



61.7132, 60.1090, 39.9974

Square

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



58.4653, 60.1090, 103.1285



69.1026, 60.1090, 61.7315



55.8187, 60.1090, 38.2866



46.6300, 60.1090, 69.3118

Rectangle

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



58.4653, 60.1090, 103.1285



67.1077, 60.1090, 84.8542



55.8187, 60.1090, 38.2866



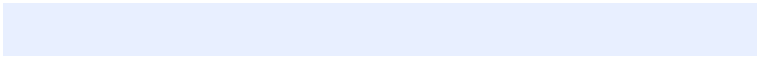
48.1970, 60.1090, 49.2529

Sweetspot

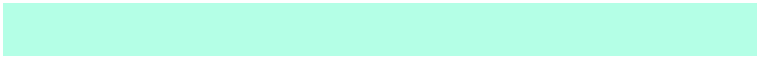
The Sweet Spot groups the original color and five complimentary colors.



58.4670, 60.1113, 103.1288



82.3270, 86.3484, 106.9355



68.8664, 86.9370, 88.0147



17.2089, 18.0359, 22.8242



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.



58.4670, 60.1113, 103.1288



53.0847, 54.0224, 102.2372



56.2379, 51.1363, 101.5140



17.4775, 18.3266, 22.8662



11.1111, 7.1318, 50.2255



1.1756, 0.8819, 4.9215

Inverse Universe

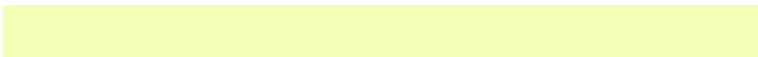
The Inverse Universe completely reimagines the original color for something new.



68.4616, 58.2639, 64.7669



64.6034, 52.3507, 57.9223



80.7886, 93.7814, 57.0256



18.2489, 18.0829, 19.9279



22.3966, 11.4479, 5.4729



2.2280, 1.1336, 0.7821

Previews

White Background



This preview shows how the XYZ color 58.4653, 60.1090, 103.1285 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 58.4653, 60.1090, 103.1285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

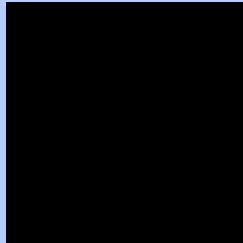
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4653, 60.1090, 103.1285

Background



This preview shows how black text looks on a background with the XYZ color 58.4653, 60.1090, 103.1285.



This preview shows how white text looks on a background with the XYZ color 58.4653, 60.1090,

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

58.4653, 60.1090, 103.1285

Protanopia

60.1021, 59.9415, 101.3307

Deuteranopia

61.2384, 59.8026, 102.9232



Tritanopia

53.9835, 60.0906, 80.7049

Trichromacy



Original Color

58.4653, 60.1090, 103.1285

Protanomaly

59.5034, 59.9616, 102.2035

Deuteranomaly

60.1718, 59.9404, 103.0060

Tritanomaly

55.5034, 59.9702, 88.7708

Monochromacy



Original Color

58.4653, 60.1090, 103.1285

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.0464, 59.5879, 77.6022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4653, 60.1090, 103.1285 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(180, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(180, 204, 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(180, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.4653, 60.1090, 103.1285 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(180, 204, 255) }
```


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

```
.border{ border-color:rgb(180, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(180, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4653, 60.1090, 103.1285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 204, 255) }
```

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

```
.background{ background-color: rgb(180,  
204, 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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