

Converting Colors

XYZ(59.8965, 60.3364,
111.9313)

Have a look what the booklet for
XYZ(59.8965, 60.3364, 111.9313)
contains.

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Color

**XYZ(58.2283, 59.6352,
103.0495)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CBFF
RGB	180, 203, 255
RGB Percent	71%, 80%, 100%
CMY	0.2941, 0.2039, 0.0000
CMYK	0.29, 0.20, 0.00, 0.00
HSL	222°, 100%, 85%
HSV	222°, 29%, 100%
XYZ	58.2283, 59.6352, 103.0495
YIQ	202.0510, -30.4000, 11.2960

Conversions

Conversions Part 2

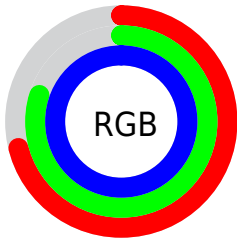
Format	Color
R_{YB}	180, 198, 255
Decimal	11848703
CIE Lab	81.64, 3.79, -28.02
CIE LCh	82, 28.274, 277.712
Yxy	59.6352, 0.2636, 0.2699
Android (android.graphics.Color)	4290038783 (0xFFB4CBFF)
YUV	202.0510, 26.1039, -19.3387
Hunter-Lab	77.2238, -0.5492, -25.0614

Details

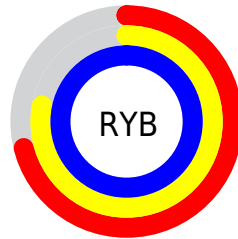
The XYZ color **58.2283, 59.6352, 103.0495** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.3349, 82.2682, 54.9324**, and the grayscale version is **56.0282, 58.9460, 64.1922**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **29.3979, 29.9321, 57.6541** is the 20% darker color. If you saturate the color by 10%, you get **48.8894, 48.9734, 101.4838**, and if you desaturate by 10%, it is **69.1388, 71.8167, 104.8257**.

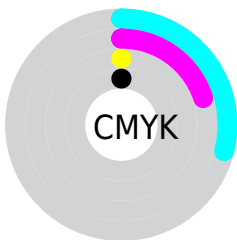
Distribution



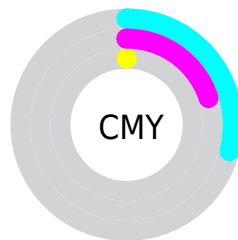
- Red (71%)
- Green (80%)
- Blue (100%)



- 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 58.2283, 59.6352, 103.0495 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 58.2283, 59.6352, 103.0495 by changing the saturation by 10% instead.

■ 58.2283, 59.6352,
103.0495

■ 58.2283, 59.6352,
103.0495

407.9763,
423.2518, 591.2560

■ 42.2362, 43.1247,
78.2187

■ 101.3763,
104.3003, 167.4299

■ 29.4782, 29.9829,
57.7361

129.2629,
133.2236, 207.8166

■ 19.5890, 19.8256,
41.1833

161.8450,
167.0534, 254.2257

■ 12.2031, 12.2684,
28.1415

199.4881,
206.1739, 307.0758

■ 6.9554, 6.9267,
18.1924

242.5573,
250.9696, 366.7853

■ 3.4803, 3.4163,
10.9173

291.4182,

■ 1.4125, 1.3527,

301.8249, 433.7728

5.8978

346.4361,
359.1242, 508.4569

■ 0.2651, 0.1815,
2.7153

■ 0.0000, 0.0000,
0.9511

■ 58.2283, 59.6352,
103.0495

■ 58.2283, 59.6352,
103.0495

■ 48.8894, 48.9734,
101.4838

■ 69.1388, 71.8167,
104.8257

■ 41.0410, 39.7619,
100.1195

■ 81.6863, 85.5700,
106.8191

■ 34.6023, 31.9352,
98.9481

95.0500, 100.0000,
108.9000

■ 29.4823, 25.4202,
97.9604

■ 25.5782, 20.1356,
97.1462

■ 22.7701, 15.9891,
96.4938

■ 20.8828, 12.8576,
95.9889

■ 20.7891, 12.6981,
95.9630

Harmonies

Analogous

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



52.4582, 59.6352, 100.1539



58.2283, 59.6352, 103.0495



63.9605, 59.6352, 94.4065

Triad

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



58.2283, 59.6352, 103.0495



66.2078, 59.6352, 46.9054



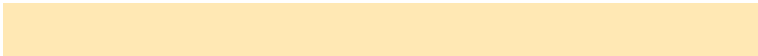
46.7545, 59.6352, 53.2976

Complementary

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



58.2283, 59.6352, 103.0495



78.3349, 82.2682, 54.9324

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.



49.9768, 59.6352, 42.3367



58.2283, 59.6352, 103.0495



61.1255, 59.6352, 39.1206

Square

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



58.2283, 59.6352, 103.0495



68.7725, 59.6352, 60.6405



55.1623, 59.6352, 37.6079



46.0978, 59.6352, 69.4226

Rectangle

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



58.2283, 59.6352, 103.0495



66.8978, 59.6352, 84.0244



55.1623, 59.6352, 37.6079



47.5621, 59.6352, 48.9768

Sweetspot

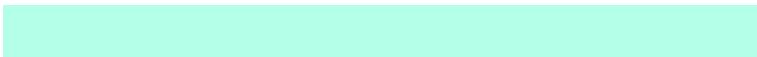
The Sweet Spot groups the original color and five complimentary colors.



58.2300, 59.6375, 103.0499



82.2374, 86.1690, 106.9057



69.0424, 87.0074, 88.9425



17.1869, 17.9919, 22.8169



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.



58.2300, 59.6375, 103.0499



52.8205, 53.4940, 102.1492



56.5566, 51.3004, 101.5289



17.4573, 18.2862, 22.8594



10.9778, 6.8652, 50.1811



1.1606, 0.8520, 4.9165

Inverse Universe

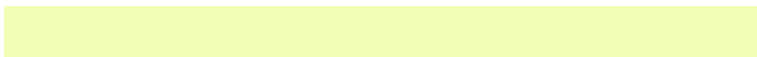
The Inverse Universe completely reimagines the original color for something new.



68.3419, 58.2158, 64.1372



64.4701, 52.2973, 57.2200



80.3598, 93.5603, 57.0053



18.2387, 18.0788, 19.8743



22.3293, 11.4210, 5.1185



2.2204, 1.1305, 0.7423

Previews

White Background



This preview shows how the XYZ color 58.2283, 59.6352, 103.0495 looks on a white background.

Color Contrast Check

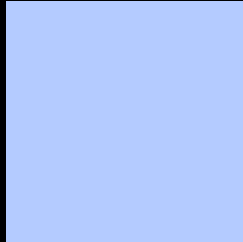
Large Text (above 18pt) WCAG AA × Fail

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 58.2283, 59.6352, 103.0495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

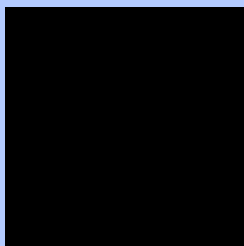
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

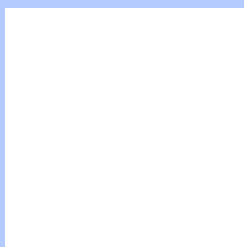
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2283, 59.6352, 103.0495

Background



This preview shows how black text looks on a background with the XYZ color 58.2283, 59.6352, 103.0495.



This preview shows how white text looks on a background with the XYZ color 58.2283, 59.6352,

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

58.2283, 59.6352, 103.0495

Protanopia

59.6191, 59.3476, 101.2415

Deuteranopia

60.9791, 59.6689, 102.9111



Tritanopia

53.6020, 59.5467, 79.9027

Trichromacy



Original Color

58.2283, 59.6352, 103.0495

Protanomaly

59.0257, 59.3681, 102.1141

Deuteranomaly

59.9395, 59.4757, 102.9285

Tritanomaly

55.1161, 59.4288, 87.9229

Monochromacy



Original Color

58.2283, 59.6352, 103.0495

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 58.2283, 59.6352, 103.0495 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, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 203, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.2283, 59.6352, 103.0495 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, 203, 255) }
```


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

```
.border{ border-color:rgb(180, 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(180, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(180, 203,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2283, 59.6352, 103.0495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 203, 255) }
```

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

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