

Converting Colors

XYZ(58.3676, 59.8875,
100.9036)

Have a look what the booklet for
XYZ(58.3676, 59.8875, 100.9036)
contains.

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Color

**XYZ(58.2180, 59.6852,
100.5474)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CBFC
RGB	182, 203, 252
RGB Percent	71%, 80%, 99%
CMY	0.2863, 0.2039, 0.0118
CMYK	0.28, 0.19, 0.00, 0.01
HSL	222°, 92%, 85%
HSV	222°, 28%, 99%
XYZ	58.2180, 59.6852, 100.5474
YIQ	202.3070, -28.2450, 10.7870

Conversions

Conversions Part 2

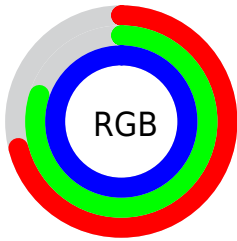
Format	Color
RYB	182, 198, 252
Decimal	11979772
CIELab	81.67, 3.65, -26.37
CIElCh	82, 26.621, 277.884
Yxy	59.6852, 0.2665, 0.2732
Android (android.graphics.Color)	4290169852 (0xFFB6CBFC)
YUV	202.3070, 24.4986, -17.8092
Hunter-Lab	77.2562, -0.6860, -23.0854

Details

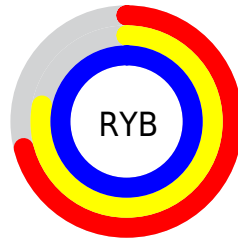
The XYZ color **58.2180, 59.6852, 100.5474** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.1652, 81.2253, 55.8687**, and the grayscale version is **56.1966, 59.1232, 64.3852**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **29.4999, 30.0242, 55.8702** is the 20% darker color. If you saturate the color by 10%, you get **48.8624, 49.0272, 98.9843**, and if you desaturate by 10%, it is **69.1223, 71.8479, 102.3213**.

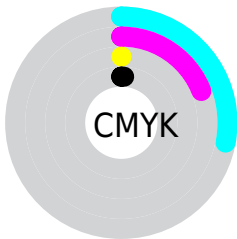
Distribution



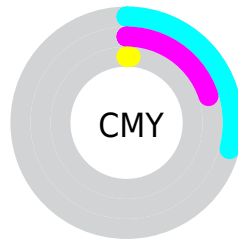
- Red (71%)
- Green (80%)
- Blue (99%)



- Red (71%)
- Yellow (78%)
- Blue (99%)



- Cyan (28%)
- Magenta (19%)
- Yellow (0%)
- Black (1%)



- Cyan (29%)
- Magenta (20%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2180, 59.6852, 100.5474 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 58.2180, 59.6852, 100.5474 by changing the saturation by 10% instead.

■ 58.2180, 59.6852,
100.5474

■ 58.2180, 59.6852,
100.5474

407.9385,
423.4365, 583.2079

■ 42.2279, 43.1649,
76.1383

■ 101.3614,
104.3729, 163.9677

■ 29.4717, 30.0146,
56.0386

129.2454,
133.3091, 203.8160

■ 19.5840, 19.8496,
39.8297

161.8247,
167.1527, 249.6477

■ 12.1995, 12.2858,
27.0930

199.4647,
206.2882, 301.8815

■ 6.9529, 6.9386,
17.4100

242.5307,
251.1000, 360.9359

■ 3.4787, 3.4237,
10.3622

291.3881,

■ 1.4117, 1.3568,

301.9723, 427.2294

5.5310

346.4023,
359.2897, 501.1806

■ 0.2645, 0.1845,
2.4980

■ 0.0000, 0.0000,
0.8391

■ 58.2180, 59.6852,
100.5474

■ 58.2180, 59.6852,
100.5474

■ 48.8624, 49.0272,
98.9843

■ 69.1223, 71.8479,
102.3213

■ 40.9765, 39.8057,
97.6200

■ 81.6378, 85.5658,
104.3095

■ 34.4827, 31.9571,
96.4474

■ 94.5709, 99.8083,
106.3770

■ 29.2934, 25.4103,
95.4572

■ 25.3105, 20.0864,
94.6395

■ 22.4201, 15.8968,
93.9832

■ 20.4751, 12.7328,
93.4750

■ 20.1282, 12.1430,
93.3794

Harmonies

Analogous

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



52.7730, 59.6852, 97.9266



58.2180, 59.6852, 100.5474



63.5974, 59.6852, 92.4744

Triad

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



58.2180, 59.6852, 100.5474



65.6539, 59.6852, 47.8387



47.3316, 59.6852, 54.0602

Complementary

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



58.2180, 59.6852, 100.5474



77.1652, 81.2253, 55.8687

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.



50.3738, 59.6852, 43.5701



58.2180, 59.6852, 100.5474



60.8779, 59.6852, 40.4112

Square

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



58.2180, 59.6852, 100.5474



68.0708, 59.6852, 60.8504



55.2656, 59.6852, 38.9884



46.7226, 59.6852, 69.3070

Rectangle

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



58.2180, 59.6852, 100.5474



66.3409, 59.6852, 82.7885



55.2656, 59.6852, 38.9884



48.0934, 59.6852, 49.9399

Sweetspot

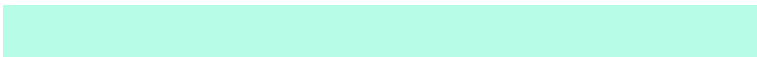
The Sweet Spot groups the original color and five complimentary colors.



58.2199, 59.6876, 100.5488



83.5516, 87.5593, 107.1047



68.3627, 85.2709, 87.5974



17.4472, 18.2661, 22.8561



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.



58.2199, 59.6876, 100.5488



54.5737, 55.3846, 102.4217



56.7629, 52.0659, 99.1544



16.7075, 17.4919, 21.8810



10.5969, 6.5493, 48.6792



1.0699, 0.7835, 4.5380

Inverse Universe

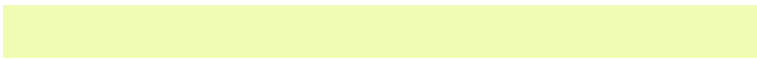
The Inverse Universe completely reimagines the original color for something new.



67.6539, 58.4649, 64.2215



65.7494, 54.3191, 59.3015



78.9080, 91.3791, 57.7368



17.4589, 17.3109, 19.0064



21.6408, 11.0721, 4.8171



2.0490, 1.0433, 0.6813

Previews

White Background



This preview shows how the XYZ color 58.2180, 59.6852, 100.5474 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 58.2180, 59.6852, 100.5474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

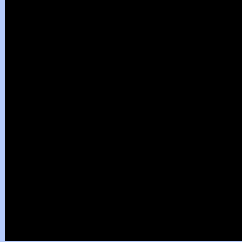
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2180, 59.6852, 100.5474

Background



This preview shows how black text looks on a background with the XYZ color 58.2180, 59.6852, 100.5474.



This preview shows how white text looks on a background with the XYZ color 58.2180, 59.6852,

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

58.2180, 59.6852, 100.5474

Protanopia

59.6278, 59.7518, 98.8330

Deuteranopia

61.1790, 59.8090, 101.2483



Tritanopia

53.9149, 59.7237, 79.2072

Trichromacy



Original Color

58.2180, 59.6852, 100.5474

Protanomaly

59.2722, 59.8975, 99.7042

Deuteranomaly

60.1221, 59.6069, 101.2650

Tritanomaly

55.2827, 59.5481, 86.4221

Monochromacy



Original Color

58.2180, 59.6852, 100.5474

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.5445, 59.0105, 76.1201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2180, 59.6852, 100.5474 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(182, 203, 252)` looks like.

```
.text, #text, p{  
    color:rgb(182, 203, 252)  
}
```

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(182, 203, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 203, 252) }
```

Border

The CSS property to change the border of an element to XYZ 58.2180, 59.6852, 100.5474 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(182, 203, 252) }
```


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

```
.border{ border-color:rgb(182, 203, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 203, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 203, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 203, 252);  
box-shadow:4px 4px 4px 4px rgb(182, 203,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2180, 59.6852, 100.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 203, 252) }
```

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

```
.background{ background-color: rgb(182,  
203, 252) }
```

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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