

Converting Colors

XYZ(58.7059, 61.3572,
100.8445)

Have a look what the booklet for
XYZ(58.7059, 61.3572, 100.8445)
contains.

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Color

**XYZ(58.7059, 61.3572,
100.8445)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CFFC
RGB	180, 207, 252
RGB Percent	71%, 81%, 99%
CMY	0.2941, 0.1882, 0.0118
CMYK	0.29, 0.18, 0.00, 0.01
HSL	217°, 92%, 85%
HSV	217°, 29%, 99%
XYZ	58.7059, 61.3572, 100.8445
YIQ	204.0570, -30.5370, 8.2710

Conversions

Conversions Part 2

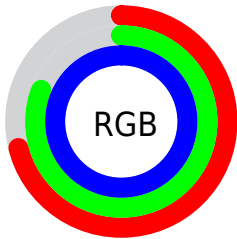
Format	Color
R _Y B	180, 200, 252
Decimal	11849724
CIE Lab	82.57, 0.94, -25.00
CIE LCh	83, 25.021, 272.152
Yxy	61.3572, 0.2657, 0.2778
Android (android.graphics.Color)	4290039804 (0xFFB4CFFC)
YUV	204.0570, 23.6359, -21.0980
Hunter-Lab	78.3308, -3.3002, -21.4994

Details

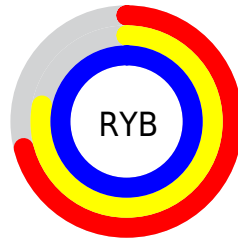
The XYZ color **58.7059, 61.3572, 100.8445** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.3093, 77.8419, 54.2376**, and the grayscale version is **57.3013, 60.2854, 65.6508**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **29.8457, 31.1582, 56.0709** is the 20% darker color. If you saturate the color by 10%, you get **49.7371, 51.3501, 99.3867**, and if you desaturate by 10%, it is **69.1258, 72.6802, 102.4819**.

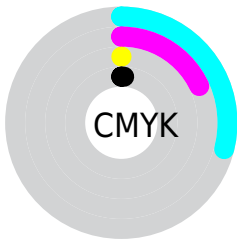
Distribution



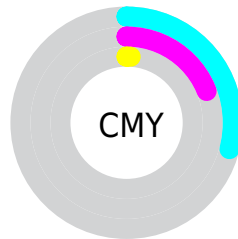
- Red (71%)
- Green (81%)
- Blue (99%)



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



- Cyan (29%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (29%)
- Magenta (19%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7059, 61.3572, 100.8445 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 58.7059, 61.3572, 100.8445 by changing the saturation by 10% instead.

■ 58.7059, 61.3572,
100.8445

■ 58.7059, 61.3572,
100.8445

409.7227,
429.5825, 584.1666

■ 42.6219, 44.5135,
76.3852

■ 102.0672,
106.7960, 164.3792

■ 29.7818, 31.0744,
56.2399

130.0751,
136.1598, 204.2917

■ 19.8203, 20.6555,
39.9900

162.7884,
170.4659, 250.1924

■ 12.3720, 12.8724,
27.2170

200.5725,
210.0985, 302.4997

■ 7.0715, 7.3408,
17.5024

243.7925,
255.4420, 361.6322

■ 3.5536, 3.6761,
10.4276

292.8141,

■ 1.4528, 1.4941,

306.8810, 428.0085

5.5741

348.0023,
364.7997, 502.0472

■ 0.2934, 0.2846,
2.5233

■ 0.0000, 0.0000,
0.8525

■ 58.7059, 61.3572,
100.8445

■ 58.7059, 61.3572,
100.8445

■ 49.7371, 51.3501,
99.3867

■ 69.1258, 72.6802,
102.4819

■ 42.1445, 42.5997,
98.0979

■ 81.0549, 85.3607,
104.3008

■ 35.8551, 35.0524,
96.9726

■ 94.3330, 99.3325,
106.2978

■ 30.7864, 28.6476,
96.0035

■ 94.5709, 99.8084,
106.3771

■ 26.8450, 23.3179,
95.1825

■ 23.9222, 18.9871,
94.5006

■ 21.8682, 15.5561,
93.9466

■ 21.6187, 15.1240,
93.8763

Harmonies

Analogous

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



53.6365, 61.3572, 96.4409



58.7059, 61.3572, 100.8445



63.9747, 61.3572, 95.0326

Triad

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



58.7059, 61.3572, 100.8445



67.4832, 61.3572, 52.3031



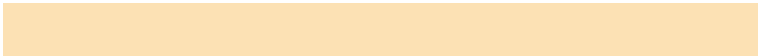
49.6745, 61.3572, 53.9502

Complementary

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



58.7059, 61.3572, 100.8445



75.3093, 77.8419, 54.2376

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.



53.0053, 61.3572, 44.8102



58.7059, 61.3572, 100.8445



63.2646, 61.3572, 43.9666

Square

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



58.7059, 61.3572, 100.8445



69.2317, 61.3572, 65.7057



57.9322, 61.3572, 41.4466



48.6164, 61.3572, 67.9217

Rectangle

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



58.7059, 61.3572, 100.8445



66.8380, 61.3572, 86.5969



57.9322, 61.3572, 41.4466



50.5550, 61.3572, 50.2891

Sweetspot

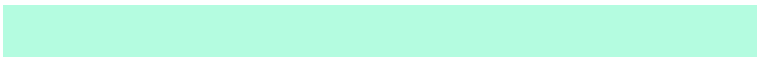
The Sweet Spot groups the original color and five complimentary colors.



58.7079, 61.3596, 100.8459



82.6987, 87.0917, 107.0594



67.1431, 84.7290, 83.6228



17.3001, 18.2183, 22.8546



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.



58.7079, 61.3596, 100.8459



55.1058, 57.2645, 102.7565



54.7313, 50.4149, 98.9429



16.8163, 17.7095, 21.9173



11.3912, 8.1379, 48.9439



1.1531, 0.9499, 4.5658

Inverse Universe

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



67.7303, 57.8447, 66.6294



65.8188, 53.5845, 62.0176



80.2195, 92.0790, 56.7268



17.5138, 17.3329, 19.2956



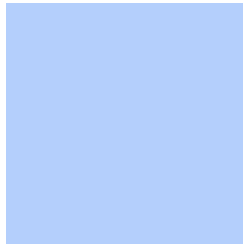
22.0418, 11.2324, 6.9283



2.0910, 1.0601, 0.9025

Previews

White Background



This preview shows how the XYZ color 58.7059, 61.3572, 100.8445 looks on a white background.

Color Contrast Check

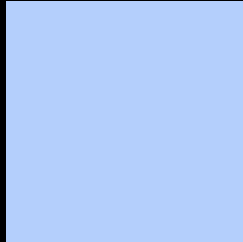
Large Text (above 18pt) WCAG AA × Fail

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 58.7059, 61.3572, 100.8445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

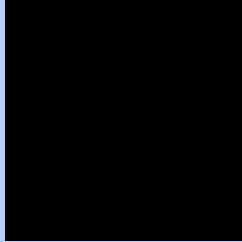
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

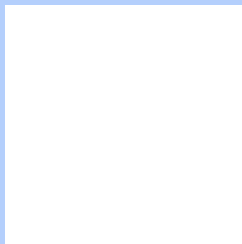
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7059, 61.3572, 100.8445

Background



This preview shows how black text looks on a background with the XYZ color 58.7059, 61.3572, 100.8445.



This preview shows how white text looks on a background with the XYZ color 58.7059, 61.3572,

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

58.7059, 61.3572, 100.8445

Protanopia

60.9605, 61.1535, 98.2134

Deuteranopia

62.7037, 61.2826, 101.4524



Tritanopia

54.9771, 61.3039, 82.3340

Trichromacy



Original Color

58.7059, 61.3572, 100.8445

Protanomaly

60.0834, 61.0350, 99.0567

Deuteranomaly

61.0779, 61.1412, 101.5108

Tritanomaly

56.4641, 61.5547, 89.0260

Monochromacy



Original Color

58.7059, 61.3572, 100.8445

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.3881, 60.4852, 77.0567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7059, 61.3572, 100.8445 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, 207, 252)` looks like.

```
.text, #text, p{  
    color:rgb(180, 207, 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(180, 207, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 207, 252) }
```

Border

The CSS property to change the border of an element to XYZ 58.7059, 61.3572, 100.8445 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, 207, 252) }
```


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

```
.border{ border-color:rgb(180, 207, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 207, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 207, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 207, 252);  
box-shadow:4px 4px 4px 4px rgb(180, 207,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7059, 61.3572, 100.8445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 207, 252) }
```

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

```
.background{ background-color: rgb(180,  
207, 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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