

Converting Colors

XYZ(58.7129, 59.6454, 98.0407)

Have a look what the booklet for
XYZ(58.7129, 59.6454, 98.0407)
contains.

| | |
|--|----|
| XYZ(58.7129, 59.6454, 98.0407) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(58.7129, 59.6454,
98.0407)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BBCAF9 |
| RGB | 187, 202, 249 |
| RGB Percent | 73%, 79%, 98% |
| CMY | 0.2667, 0.2078, 0.0235 |
| CMYK | 0.25, 0.19, 0.00, 0.02 |
| HSL | 225°, 84%, 85% |
| HSV | 225°, 25%, 98% |
| XYZ | 58.7129, 59.6454, 98.0407 |
| YIQ | 202.8730, -24.0270, 11.4370 |

Conversions

Conversions Part 2

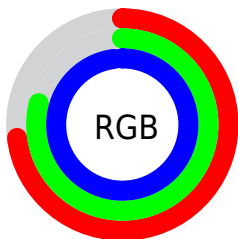
| Format | Color |
|-------------------------------------|--|
| RYB | 187, 199, 249 |
| Decimal | 12307193 |
| CIELab | 81.65, 4.94, -24.77 |
| CIELCh | 82, 25.263, 281.288 |
| Yxy | 59.6454, 0.2713, 0.2756 |
| Android (android.graphics.Color) | 4290497273 (0xFFBBCAF9) |
| YUV | 202.8730, 22.7406, -13.9206 |
| Hunter-Lab | 77.2304, 0.5478, -21.2048 |

Details

The XYZ color **58.7129, 59.6454, 98.0407** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.4601, 82.5735, 58.8710**, and the grayscale version is **56.5593, 59.5047, 64.8007**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **29.7772, 29.9721, 54.0849** is the 20% darker color. If you saturate the color by 10%, you get **48.9803, 48.4520, 96.3941**, and if you desaturate by 10%, it is **70.0471, 72.4715, 99.9200**.

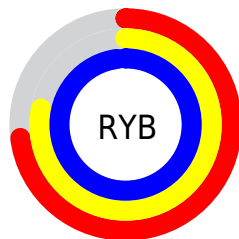
Distribution



Red (73%)

Green (79%)

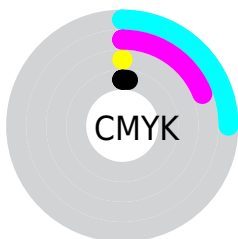
Blue (98%)



Red (73%)

Yellow (78%)

Blue (98%)

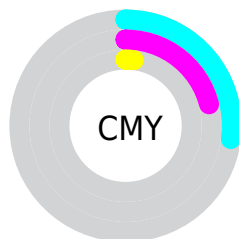


Cyan (25%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (21%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7129, 59.6454, 98.0407 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 58.7129, 59.6454, 98.0407 by changing the saturation by 10% instead.

■ 58.7129, 59.6454,
98.0407

■ 58.7129, 59.6454,
98.0407

409.7483,
423.2895, 575.0855

■ 42.6275, 43.1329,
74.0575

■ 102.0773,
104.3151, 160.4904

■ 29.7862, 29.9894,
54.3440

130.0870,
133.2411, 199.7939

■ 19.8237, 19.8305,
38.4817

162.8023,
167.0737, 245.0413

■ 12.3744, 12.2719,
26.0521

200.5883,
206.1972, 296.6512

■ 7.0732, 6.9291,
16.6365

243.8106,
250.9962, 355.0420

■ 3.5547, 3.4178,
9.8164

292.8345,

■ 1.4534, 1.3536,

301.8550, 420.6323

5.1734

348.0253,
359.1580, 493.8406

■ 0.2938, 0.1821,
2.2889

■ 0.0000, 0.0000,
0.7250

■ 58.7129, 59.6454,
98.0407

■ 58.7129, 59.6454,
98.0407

■ 48.9803, 48.4520,
96.3941

■ 70.0471, 72.4715,
99.9200

■ 40.7698, 38.8169,
94.9671

■ 83.0463, 86.9861,
102.0365

■ 34.0030, 30.6709,
93.7514

■ 94.0991, 99.6196,
103.8924

■ 28.5926, 23.9360,
92.7366

■ 24.4407, 18.5269,
91.9114

■ 21.4356, 14.3478,
91.2631

■ 19.4432, 11.2880,
90.7775

■ 18.7280, 10.0975,
90.5854

Harmonies

Analogous

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



53.4788, 59.6454, 96.7569



58.7129, 59.6454, 98.0407



63.6975, 59.6454, 89.4823

Triad

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



58.7129, 59.6454, 98.0407



64.7131, 59.6454, 47.4994



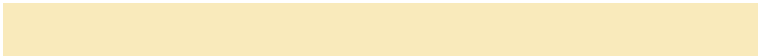
47.5615, 59.6454, 56.0085

Complementary

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



58.7129, 59.6454, 98.0407



77.4601, 82.5735, 58.8710

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.



50.2184, 59.6454, 45.3593



58.7129, 59.6454, 98.0407



60.0297, 59.6454, 41.0019

Square

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



58.7129, 59.6454, 98.0407



67.3031, 59.6454, 59.3875



54.7164, 59.6454, 40.2850



47.2578, 59.6454, 70.8360

Rectangle

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



58.7129, 59.6454, 98.0407



66.1241, 59.6454, 80.0261



54.7164, 59.6454, 40.2850



48.2009, 59.6454, 51.8864

Sweetspot

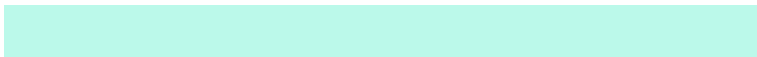
The Sweet Spot groups the original color and five complimentary colors.



58.7148, 59.6478, 98.0421



84.6195, 88.4390, 107.2182



69.1500, 84.2292, 90.0803



17.9285, 18.7253, 22.9194



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.



58.7148, 59.6478, 98.0421



56.4936, 56.6813, 102.5708



59.3633, 55.0083, 97.1124



16.6240, 17.3249, 21.8532



10.1165, 5.5885, 48.5190



1.0158, 0.6753, 4.5200

Inverse Universe

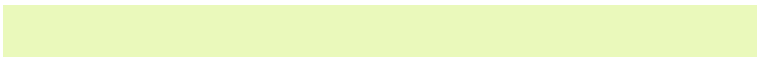
The Inverse Universe completely reimagines the original color for something new.



67.4994, 59.9463, 63.8929



67.3393, 57.3318, 60.3464



76.6143, 88.7483, 60.1075



17.4168, 17.2941, 18.7845



21.3983, 10.9751, 3.5402



2.0217, 1.0324, 0.5375

Previews

White Background



This preview shows how the XYZ color 58.7129, 59.6454, 98.0407 looks on a white background.

Color Contrast Check

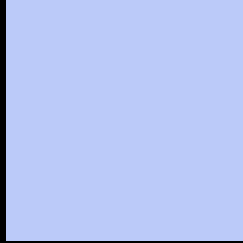
Large Text (above 18pt) WCAG AA × Fail

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 58.7129, 59.6454, 98.0407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

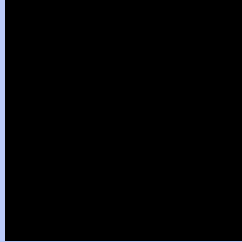
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7129, 59.6454, 98.0407

Background



This preview shows how black text looks on a background with the XYZ color 58.7129, 59.6454, 98.0407.

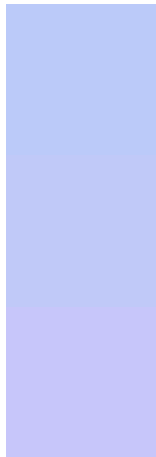


This preview shows how white text looks on a background with the XYZ color 58.7129, 59.6454,

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

58.7129, 59.6454, 98.0407

Protanopia

59.5681, 59.7571, 97.2016

Deuteranopia

61.0026, 59.4324, 98.6989



Tritanopia

54.9235, 59.8984, 78.4788

Trichromacy



Original Color

58.7129, 59.6454, 98.0407

Protanomaly

59.0651, 59.4977, 97.1781

Deuteranomaly

60.1844, 59.3511, 98.7263

Tritanomaly

56.1640, 59.6792, 84.9030

Monochromacy



Original Color

58.7129, 59.6454, 98.0407

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3002, 59.7495, 76.2229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7129, 59.6454, 98.0407 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(187, 202, 249)` looks like.

```
.text, #text, p{  
    color:rgb(187, 202, 249)  
}
```

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(187, 202, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 202, 249) }
```

Border

The CSS property to change the border of an element to XYZ 58.7129, 59.6454, 98.0407 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(187, 202, 249) }
```


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

```
.border{ border-color:rgb(187, 202, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 202, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 202, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 202, 249);  
box-shadow:4px 4px 4px 4px rgb(187, 202,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7129, 59.6454, 98.0407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 202, 249) }
```

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

```
.background{ background-color: rgb(187,  
202, 249) }
```

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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