

Converting Colors

XYZ(57.0164, 58.2530, 92.2728)

Have a look what the booklet for
XYZ(57.0164, 58.2530, 92.2728)
contains.

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Color

**XYZ(56.9310, 58.1585,
92.2295)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC8F2
RGB	186, 200, 242
RGB Percent	73%, 78%, 95%
CMY	0.2706, 0.2157, 0.0510
CMYK	0.23, 0.17, 0.00, 0.05
HSL	225°, 68%, 84%
HSV	225°, 23%, 95%
XYZ	56.9310, 58.1585, 92.2295
YIQ	200.6020, -21.8260, 10.0940

Conversions

Conversions Part 2

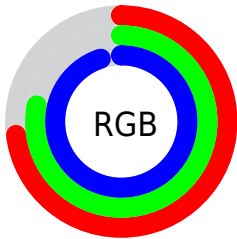
Format	Color
R _{YB}	186, 197, 242
Decimal	12241138
CIE _{Lab}	80.83, 4.12, -22.29
CIE _{LCh}	81, 22.669, 280.470
Y _{xy}	58.1585, 0.2746, 0.2805
Android (android.graphics.Color)	4290431218 (0xFFBAC8F2)
YUV	200.6020, 20.4092, -12.8060
Hunter-Lab	76.2617, -0.2040, -18.3210

Details

The XYZ color **56.9310, 58.1585, 92.2295** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.2249, 77.9094, 57.6346**, and the grayscale version is **55.1601, 58.0327, 63.1976**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **28.6575, 29.0085, 50.5432** is the 20% darker color. If you saturate the color by 10%, you get **47.5857, 47.4681, 90.6596**, and if you desaturate by 10%, it is **67.7746, 70.3648, 94.0150**.

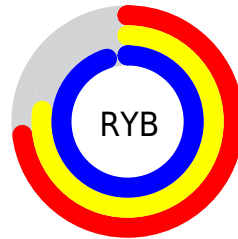
Distribution



Red (73%)

Green (78%)

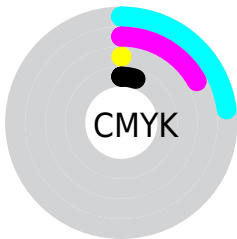
Blue (95%)



Red (73%)

Yellow (77%)

Blue (95%)

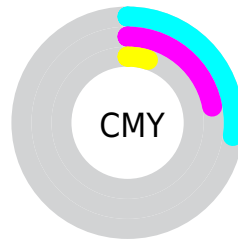


Cyan (23%)

Magenta (17%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (22%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9310, 58.1585, 92.2295 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 56.9310, 58.1585, 92.2295 by changing the saturation by 10% instead.

■ 56.9310, 58.1585,
92.2295

■ 56.9310, 58.1585,
92.2295

403.2091,
417.7763, 556.0131

■ 41.1898, 41.9361,
69.2472

■ 99.4964, 102.1536,
152.3939

■ 28.6557, 29.0512,
50.4400

127.0514,
130.6951, 190.4130

■ 18.9635, 19.1196,
35.3895

159.2749,
164.1118, 234.2815

■ 11.7478, 11.7567,
23.6771

196.5324,
202.7880, 284.4179

■ 6.6431, 6.5782,
14.8843

239.1892,
247.1082, 341.2407

■ 3.2843, 3.1998,
8.5925

287.6107,

■ 1.3058, 1.2369,

297.4567, 405.1685

4.3832

342.1622,
354.2179, 476.6198

■ 0.1876, 0.0915,
1.8378

■ 0.0000, 0.0000,
0.4527

■ 56.9310, 58.1585,
92.2295

■ 56.9310, 58.1585,
92.2295

■ 47.5857, 47.4681,
90.6596

■ 67.7746, 70.3648,
94.0150

■ 39.6656, 38.2260,
89.2931

■ 80.1741, 84.1370,
96.0198

■ 33.0998, 30.3696,
88.1227

■ 92.8527, 98.8418,
98.1899

■ 27.8085, 23.8289,
87.1391

■ 93.0272, 99.1909,
98.2480

■ 23.7035, 18.5271,
86.3321

■ 20.6841, 14.3790,
85.6906

■ 18.6312, 11.2861,
85.2018

■ 17.6698, 9.6961,
84.9456

Harmonies

Analogous

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



52.3211, 58.1585, 90.8811



56.9310, 58.1585, 92.2295



61.3327, 58.1585, 85.0461

Triad

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



56.9310, 58.1585, 92.2295



62.4172, 58.1585, 48.0138



47.2159, 58.1585, 55.0867

Complementary

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



56.9310, 58.1585, 92.2295



73.2249, 77.9094, 57.6346

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.



49.6353, 58.1585, 45.6577



56.9310, 58.1585, 92.2295



58.3440, 58.1585, 41.9911

Square

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



56.9310, 58.1585, 92.2295



64.6168, 58.1585, 58.7515



53.6571, 58.1585, 41.1943



46.8852, 58.1585, 68.1293

Rectangle

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



56.9310, 58.1585, 92.2295



63.4914, 58.1585, 76.9090



53.6571, 58.1585, 41.1943



47.8052, 58.1585, 51.4423

Sweetspot

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



56.9328, 58.1608, 92.2308



84.6623, 88.5245, 107.2325



65.8774, 79.4942, 84.5943



17.9384, 18.7451, 22.9227



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.



56.9328, 58.1608, 92.2308



58.7137, 59.3455, 102.9680



57.1582, 53.6814, 91.3543



15.2184, 15.8708, 19.9829



9.5832, 5.3906, 45.6633



0.8737, 0.6013, 3.8242

Inverse Universe

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



64.6037, 58.1668, 62.4685



68.8934, 59.6134, 63.4132



72.9080, 83.6976, 58.7685



15.9349, 15.8237, 17.2134



20.1628, 10.3375, 3.5077



1.7159, 0.8754, 0.4950

Previews

White Background



This preview shows how the XYZ color 56.9310, 58.1585, 92.2295 looks on a white background.

Color Contrast Check

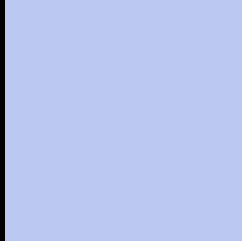
Large Text (above 18pt) WCAG AA × Fail

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 56.9310, 58.1585, 92.2295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

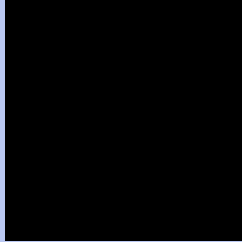
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9310, 58.1585, 92.2295

Background



This preview shows how black text looks on a background with the XYZ color 56.9310, 58.1585, 92.2295.



This preview shows how white text looks on a background with the XYZ color 56.9310, 58.1585,

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

56.9310, 58.1585, 92.2295

Protanopia

57.7865, 58.2741, 91.4214

Deuteranopia

59.4708, 58.0930, 92.8726



Tritanopia

53.8025, 58.2981, 76.1271

Trichromacy



Original Color

56.9310, 58.1585, 92.2295

Protanomaly

57.2869, 58.0165, 91.3981

Deuteranomaly

58.3920, 57.8729, 92.8870

Tritanomaly

54.8880, 58.3806, 81.7745

Monochromacy



Original Color

56.9310, 58.1585, 92.2295

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.0463, 58.4669, 73.2970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9310, 58.1585, 92.2295 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(186, 200, 242)` looks like.

```
.text, #text, p{  
    color:rgb(186, 200, 242)  
}
```

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(186, 200, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 200, 242) }
```

Border

The CSS property to change the border of an element to XYZ 56.9310, 58.1585, 92.2295 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(186, 200, 242) }
```


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

```
.border{ border-color:rgb(186, 200, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 200, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 200, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 200, 242);  
box-shadow:4px 4px 4px 4px rgb(186, 200,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9310, 58.1585, 92.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 200, 242) }
```

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

```
.background{ background-color: rgb(186,  
200, 242) }
```

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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