

Converting Colors

XYZ(57.1148, 58.9471, 83.2281)

Have a look what the booklet for
XYZ(57.1148, 58.9471, 83.2281)
contains.

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Color

**XYZ(56.9078, 58.6929,
83.1924)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C9E6
RGB	192, 201, 230
RGB Percent	75%, 79%, 90%
CMY	0.2470, 0.2117, 0.0980
CMYK	0.17, 0.13, 0.00, 0.10
HSL	226°, 43%, 83%
HSV	226°, 17%, 90%
XYZ	56.9078, 58.6929, 83.1924
YIQ	201.6150, -14.6730, 7.1110

Conversions

Conversions Part 2

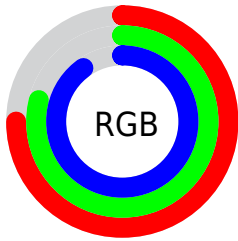
Format	Color
R_{YB}	192, 199, 230
Decimal	12634598
CIE _{Lab}	81.12, 2.79, -15.39
CIE _{LCh}	81, 15.638, 280.269
Yxy	58.6929, 0.2863, 0.2952
Android (android.graphics.Color)	4290824678 (0xFFC0C9E6)
YUV	201.6150, 13.9938, -8.4324
Hunter-Lab	76.6113, -1.4778, -10.7553

Details

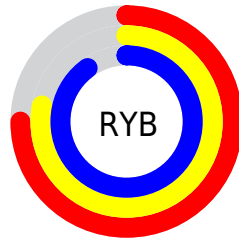
The XYZ color **56.9078, 58.6929, 83.1924** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.0045, 72.3416, 60.2496**, and the grayscale version is **55.8229, 58.7300, 63.9570**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **28.5549, 29.3267, 44.2000** is the 20% darker color. If you saturate the color by 10%, you get **47.6728, 48.2026, 81.6553**, and if you desaturate by 10%, it is **67.5239, 70.5922, 84.9306**.

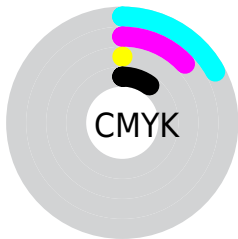
Distribution



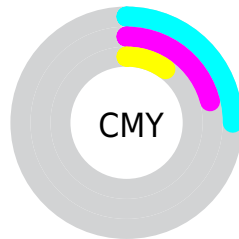
- Red (75%)
- Green (79%)
- Blue (90%)



- Red (75%)
- Yellow (78%)
- Blue (90%)



- Cyan (17%)
- Magenta (13%)
- Yellow (0%)
- Black (10%)



- Cyan (25%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9078, 58.6929, 83.1924 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 56.9078, 58.6929, 83.1924 by changing the saturation by 10% instead.

■ 56.9078, 58.6929,
83.1924

■ 56.9078, 58.6929,
83.1924

403.1235,
419.7629, 525.6153

■ 41.1711, 42.3660,
61.8074

■ 99.4628, 102.9312,
139.6965

■ 28.6410, 29.3880,
44.4423

127.0117,
131.6113, 175.6527

■ 18.9524, 19.3745,
30.6786

159.2288,
165.1780, 217.3030

■ 11.7397, 11.9412,
20.0978

196.4794,
204.0156, 265.0660

■ 6.6376, 6.7036,
12.2814

239.1288,
248.5084, 319.3602

■ 3.2808, 3.2775,
6.8108

287.5424,

■ 1.3039, 1.2782,

299.0410, 380.6041

3.2674

342.0855,
355.9977, 449.2163

■ 0.1862, 0.1243,
1.2327

■ 0.0000, 0.0000,
0.0057

■ 56.9078, 58.6929,
83.1924

■ 56.9078, 58.6929,
83.1924

■ 47.6728, 48.2026,
81.6553

■ 67.5239, 70.5922,
84.9306

■ 39.7559, 39.0611,
80.3080

■ 79.5702, 83.9434,
86.8727

■ 33.0967, 31.2142,
79.1444

■ 90.8566, 97.6403,
88.9216

■ 27.6281, 24.6013,
78.1562

■ 91.2831, 98.4932,
89.0638

■ 23.2766, 19.1566,
77.3346

■ 19.9597, 14.8079,
76.6701

■ 17.5829, 11.4739,
76.1518

■ 16.0304, 9.0591,
75.7675

■ 15.6251, 8.3972,
75.6611

Harmonies

Analogous

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



53.7018, 58.6929, 82.2845



56.9078, 58.6929, 83.1924



59.9251, 58.6929, 78.5643

Triad

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



56.9078, 58.6929, 83.1924



60.6932, 58.6929, 53.0182



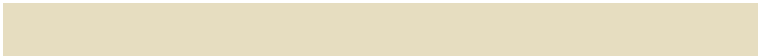
50.1057, 58.6929, 58.0507

Complementary

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



56.9078, 58.6929, 83.1924



68.0045, 72.3416, 60.2496

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.



51.8417, 58.6929, 51.1958



56.9078, 58.6929, 83.1924



57.9231, 58.6929, 48.4916

Square

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



56.9078, 58.6929, 83.1924



62.1662, 58.6929, 60.7675



54.6787, 58.6929, 47.8585



49.8577, 58.6929, 67.1519

Rectangle

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



56.9078, 58.6929, 83.1924



61.3925, 58.6929, 73.2032



54.6787, 58.6929, 47.8585



50.5313, 58.6929, 55.4324

Sweetspot

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



56.9096, 58.6953, 83.1937



87.4881, 91.6101, 107.6791



63.0208, 72.9950, 78.8268



18.5065, 19.3640, 23.0122



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.



56.9096, 58.6953, 83.1937



67.5287, 69.2111, 104.4077



57.3559, 55.9008, 82.6308



13.8586, 14.4386, 18.2008



8.9244, 4.9108, 42.8607



0.7300, 0.5040, 3.1908

Inverse Universe

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



62.0268, 58.7408, 63.3299



75.2381, 69.4078, 74.4529



67.4791, 75.6942, 60.9245



14.5162, 14.4237, 15.6528



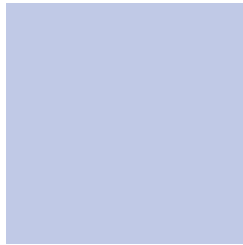
18.8981, 9.6935, 3.0925



1.4321, 0.7306, 0.4160

Previews

White Background



This preview shows how the XYZ color 56.9078, 58.6929, 83.1924 looks on a white background.

Color Contrast Check

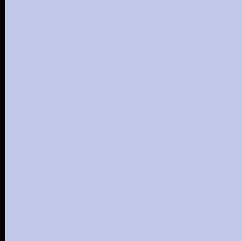
Large Text (above 18pt) WCAG AA × Fail

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 56.9078, 58.6929, 83.1924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

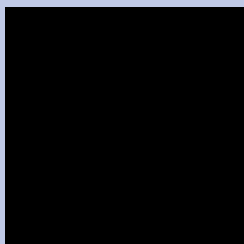
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9078, 58.6929, 83.1924

Background



This preview shows how black text looks on a background with the XYZ color 56.9078, 58.6929, 83.1924.

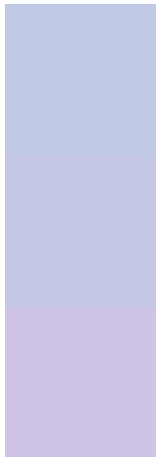


This preview shows how white text looks on a background with the XYZ color 56.9078, 58.6929,

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

56.9078, 58.6929, 83.1924

Protanopia

57.8231, 58.8360, 82.4376

Deuteranopia

59.8959, 58.5148, 83.7389



Tritanopia

55.3773, 58.7735, 75.4436

Trichromacy



Original Color

56.9078, 58.6929, 83.1924

Protanomaly

57.3028, 58.5678, 82.4133

Deuteranomaly

58.9750, 58.7142, 83.8260

Tritanomaly

55.9257, 58.6451, 78.1841

Monochromacy



Original Color

56.9078, 58.6929, 83.1924

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2929, 59.0003, 70.7086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9078, 58.6929, 83.1924 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(192, 201, 230)` looks like.

```
.text, #text, p{  
    color:rgb(192, 201, 230)  
}
```

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(192, 201, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 201, 230) }
```

Border

The CSS property to change the border of an element to XYZ 56.9078, 58.6929, 83.1924 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(192, 201, 230) }
```


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

```
.border{ border-color:rgb(192, 201, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 201, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 201, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 201, 230);  
box-shadow:4px 4px 4px 4px rgb(192, 201,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9078, 58.6929, 83.1924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 201, 230) }
```

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

```
.background{ background-color: rgb(192,  
201, 230) }
```

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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