

Converting Colors

XYZ(56.0180, 60.8079, 79.3056)

Have a look what the booklet for
XYZ(56.0180, 60.8079, 79.3056)
contains.

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Color

**XYZ(56.0180, 60.8079,
79.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D0E0
RGB	185, 208, 224
RGB Percent	73%, 82%, 88%
CMY	0.2745, 0.1843, 0.1216
CMYK	0.17, 0.07, 0.00, 0.12
HSL	205°, 39%, 80%
HSV	205°, 17%, 88%
XYZ	56.0180, 60.8079, 79.3056
YIQ	202.9470, -18.8440, 0.1000

Conversions

Conversions Part 2

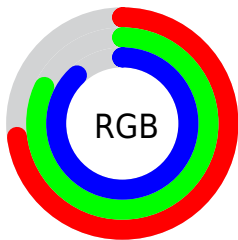
Format	Color
R _Y B	185, 199, 224
Decimal	12177632
CIE Lab	82.28, -4.39, -10.51
CIE LCh	82, 11.387, 247.327
Yxy	60.8079, 0.2856, 0.3100
Android (android.graphics.Color)	4290367712 (0xFFB9D0E0)
YUV	202.9470, 10.3791, -15.7395
Hunter-Lab	77.9794, -8.2351, -5.7127

Details

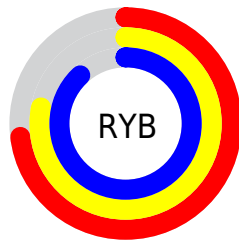
The XYZ color **56.0180, 60.8079, 79.3056** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3845, 61.1232, 54.5155**, and the grayscale version is **56.6784, 59.6300, 64.9371**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **28.0771, 30.8011, 42.0015** is the 20% darker color. If you saturate the color by 10%, you get **48.8588, 53.8889, 78.3484**, and if you desaturate by 10%, it is **64.1619, 68.4304, 80.3486**.

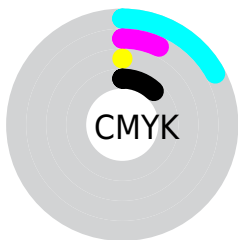
Distribution



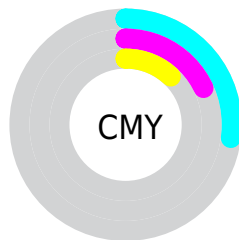
- Red (73%)
- Green (82%)
- Blue (88%)



- Red (73%)
- Yellow (78%)
- Blue (88%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (27%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0180, 60.8079, 79.3056 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 56.0180, 60.8079, 79.3056 by changing the saturation by 10% instead.

■ 56.0180, 60.8079,
79.3056

■ 56.0180, 60.8079,
79.3056

399.8333,
427.5693, 512.2345

■ 40.4544, 44.0702,
58.6243

■ 98.1706, 106.0007,
134.1916

■ 28.0788, 30.7257,
41.8927

125.4902,
135.2246, 169.2333

■ 18.5258, 20.3900,
28.6924

157.4593,
169.3793, 209.8989

■ 11.4301, 12.6789,
18.6047

194.4432,
208.8493, 256.6070

■ 6.4263, 7.2078,
11.2110

236.8071,
254.0189, 309.7761

■ 3.1491, 3.5924,
6.0930

284.9165,

■ 1.2331, 1.4483,

305.2725, 369.8246

2.8320

339.1368,
362.9945, 437.1713

■ 0.1323, 0.2519,
1.0095

■ 0.0000, 0.0000,
0.0000

■ 56.0180, 60.8079,
79.3056

■ 56.0180, 60.8079,
79.3056

■ 48.8588, 53.8889,
78.3484

■ 64.1619, 68.4304,
80.3486

■ 42.6370, 47.6410,
77.4704

■ 73.3245, 76.7723,
81.4759

■ 37.3093, 42.0401,
76.6701

■ 83.5445, 85.8582,
82.6910

■ 32.8264, 37.0574,
75.9446

■ 87.2737, 91.7998,
83.6413

■ 29.1341, 32.6616,
75.2907

■ 90.1192, 97.4908,
84.5898

■ 26.1708, 28.8172,
74.7049

■ 90.4547, 98.1619,
84.7016

■ 23.8651, 25.4836,
74.1829

■ 22.1216, 22.6079,
73.7198

■ 21.7222, 21.9169,
73.6075

Harmonies

Analogous

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



54.1685, 60.8079, 74.6375



56.0180, 60.8079, 79.3056



58.3925, 60.8079, 80.3507

Triad

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



56.0180, 60.8079, 79.3056



62.5432, 60.8079, 64.5218



55.0158, 60.8079, 56.1522

Complementary

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



56.0180, 60.8079, 79.3056



60.3845, 61.1232, 54.5155

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.



57.2037, 60.8079, 53.8331



56.0180, 60.8079, 79.3056



61.5821, 60.8079, 58.4410

Square

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



56.0180, 60.8079, 79.3056



62.2042, 60.8079, 71.4893



59.6114, 60.8079, 54.6408



53.6013, 60.8079, 61.1962

Rectangle

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



56.0180, 60.8079, 79.3056



59.9622, 60.8079, 78.7901



59.6114, 60.8079, 54.6408



55.6828, 60.8079, 55.0448

Sweetspot

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



56.0198, 60.8104, 79.3070



88.8681, 94.3700, 108.1391



57.1599, 67.8249, 65.0919



18.8415, 20.0340, 23.1238



0.0000, 0.0000, 0.0000



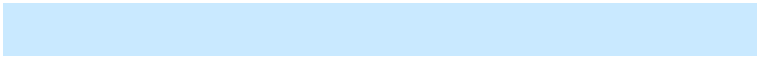
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.0198, 60.8104, 79.3070



71.4073, 77.9974, 105.8992



51.6394, 52.0495, 77.8468



13.6206, 14.5803, 17.4841



12.7596, 12.9887, 42.8829



0.9719, 1.0753, 3.0016

Inverse Universe

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



59.4760, 55.1006, 67.1782



76.9446, 69.1286, 86.4045



65.1179, 70.5900, 56.0933



14.0447, 13.8355, 16.0057



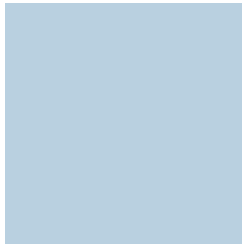
20.3806, 10.2193, 13.9361



1.4568, 0.7260, 1.1985

Previews

White Background



This preview shows how the XYZ color 56.0180, 60.8079, 79.3056 looks on a white background.

Color Contrast Check

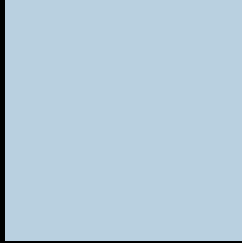
Large Text (above 18pt) WCAG AA × Fail

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 56.0180, 60.8079, 79.3056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

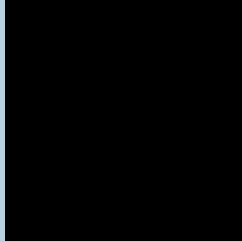
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

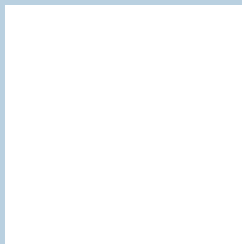
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0180, 60.8079, 79.3056

Background



This preview shows how black text looks on a background with the XYZ color 56.0180, 60.8079, 79.3056.

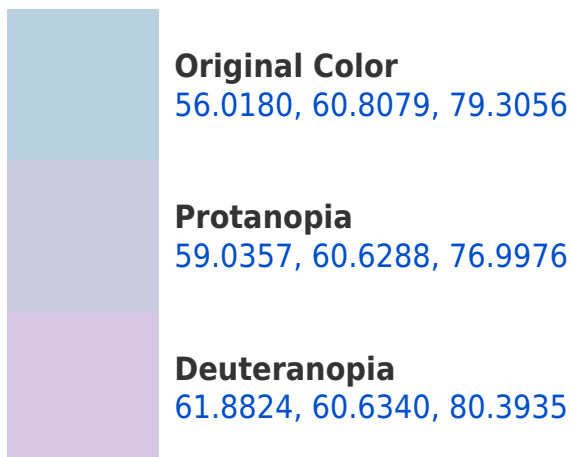


This preview shows how white text looks on a background with the XYZ color 56.0180, 60.8079,

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

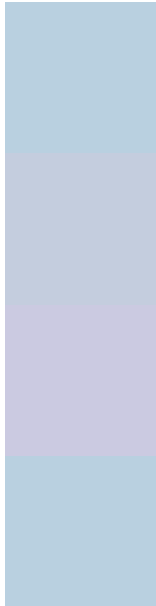




Tritanopia

56.0180, 60.8079, 79.3056

Trichromacy



Original Color

56.0180, 60.8079, 79.3056

Protanomaly

57.7811, 60.6723, 77.7728

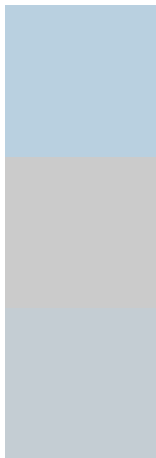
Deuteranomaly

59.3397, 60.3738, 79.7599

Tritanomaly

56.0180, 60.8079, 79.3056

Monochromacy



Original Color

56.0180, 60.8079, 79.3056

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3541, 60.1016, 70.2586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0180, 60.8079, 79.3056 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(185, 208, 224)` looks like.

```
.text, #text, p{  
    color:rgb(185, 208, 224)  
}
```

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(185, 208, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 208, 224) }
```

Border

The CSS property to change the border of an element to XYZ 56.0180, 60.8079, 79.3056 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(185, 208, 224) }
```


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

```
.border{ border-color:rgb(185, 208, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 208, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 208, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 208, 224);  
box-shadow:4px 4px 4px 4px rgb(185, 208,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0180, 60.8079, 79.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 208, 224) }
```

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

```
.background{ background-color: rgb(185,  
208, 224) }
```

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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