

Converting Colors

XYZ(56.2183, 59.9580, 73.5758)

Have a look what the booklet for
XYZ(56.2183, 59.9580, 73.5758)
contains.

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Color

**XYZ(56.2183, 59.9580,
73.5758)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CDD8
RGB	193, 205, 216
RGB Percent	76%, 80%, 85%
CMY	0.2431, 0.1961, 0.1529
CMYK	0.11, 0.05, 0.00, 0.15
HSL	209°, 23%, 80%
HSV	209°, 11%, 85%
XYZ	56.2183, 59.9580, 73.5758
YIQ	202.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

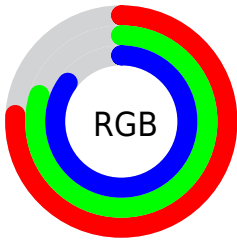
Format	Color
RYB	193, 201, 216
Decimal	12701144
CIELab	81.82, -1.91, -6.86
CIELCh	82, 7.118, 254.455
Yxy	59.9580, 0.2963, 0.3160
Android (android.graphics.Color)	4290891224 (0xFFC1CDD8)
YUV	202.6660, 6.5737, -8.4771
Hunter-Lab	77.4326, -5.9107, -2.1341

Details

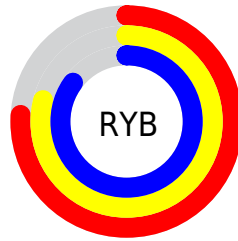
The XYZ color **56.2183, 59.9580, 73.5758** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5376, 61.6345, 59.2117**, and the grayscale version is **56.5217, 59.4652, 64.7576**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **28.1471, 30.1954, 38.0630** is the 20% darker color. If you saturate the color by 10%, you get **48.7199, 52.5467, 72.5414**, and if you desaturate by 10%, it is **64.6875, 68.1151, 74.7048**.

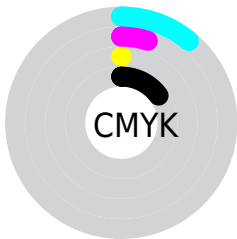
Distribution



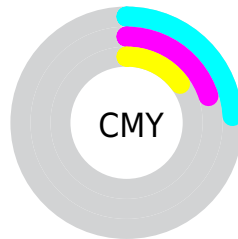
- Red (76%)
- Green (80%)
- Blue (85%)



- Red (76%)
- Yellow (79%)
- Blue (85%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2183, 59.9580, 73.5758 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 56.2183, 59.9580, 73.5758 by changing the saturation by 10% instead.

■ 56.2183, 59.9580,
73.5758

■ 56.2183, 59.9580,
73.5758

400.5754,
424.4429, 492.1322

■ 40.6157, 43.3848,
53.9522

■ 98.4616, 104.7687,
126.0228

■ 28.2052, 30.1871,
38.1706

125.8331,
133.7751, 159.6833

■ 18.6217, 19.9807,
25.8122

157.8581,
167.6945, 198.8598

■ 11.4996, 12.3810,
16.4587

194.9022,
206.9115, 243.9709

■ 6.4737, 7.0037,
9.6915

237.3305,
251.8105, 295.4352

■ 3.1786, 3.4644,
5.0920

285.5086,

■ 1.2489, 1.3787,

302.7758, 353.6711

2.2416

339.8018,
360.1918, 419.0973

■ 0.1445, 0.2010,
0.6982

■ 0.0000, 0.0000,
0.0000

■ 56.2183, 59.9580,
73.5758

■ 56.2183, 59.9580,
73.5758

■ 48.7199, 52.5467,
72.5414

■ 64.6875, 68.1151,
74.7048

■ 42.1492, 45.8496,
71.5951

■ 74.1580, 77.0333,
75.9271

■ 36.4676, 39.8434,
70.7352

■ 83.6267, 86.2016,
77.1977

■ 31.6313, 34.5008,
69.9589

■ 86.6865, 92.3212,
78.2176

■ 27.5926, 29.7921,
69.2629

■ 89.3949, 97.7379,
79.1204

■ 24.2988, 25.6847,
68.6437

■ 21.6897, 22.1423,
68.0974

■ 19.6943, 19.1224,
67.6197

■ 18.2695, 16.7071,
67.2286

Harmonies

Analogous

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



54.9528, 59.9580, 71.2459



56.2183, 59.9580, 73.5758



57.7118, 59.9580, 73.6199

Triad

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



56.2183, 59.9580, 73.5758



59.8291, 59.9580, 63.2424



54.9907, 59.9580, 59.5599

Complementary

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



56.2183, 59.9580, 73.5758



59.5376, 61.6345, 59.2117

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.



56.2708, 59.9580, 57.6025



56.2183, 59.9580, 73.5758



59.0734, 59.9580, 59.6645

Square

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



56.2183, 59.9580, 73.5758



59.8144, 59.9580, 67.5244



57.7653, 59.9580, 57.6399



54.2526, 59.9580, 63.0939

Rectangle

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



56.2183, 59.9580, 73.5758



58.6368, 59.9580, 72.3398



57.7653, 59.9580, 57.6399



55.3709, 59.9580, 58.7027

Sweetspot

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



56.2201, 59.9605, 73.5771



91.1356, 96.2663, 108.3856



57.4163, 64.7971, 66.4411



19.2877, 20.3950, 23.1700



0.0000, 0.0000, 0.0000



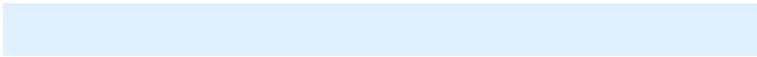
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2201, 59.9605, 73.5771



79.0388, 84.5469, 106.7611



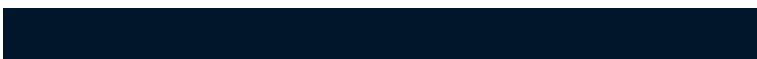
53.6279, 54.7762, 72.7131



12.2735, 13.0703, 15.8135



10.9223, 10.1064, 39.8282



0.7415, 0.7749, 2.4298

Inverse Universe

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



58.4097, 57.1478, 65.7127



82.9236, 79.6638, 92.7838



62.3054, 67.1700, 60.1343



12.6912, 12.5280, 14.3142



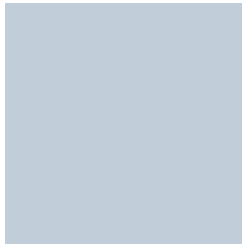
18.5719, 9.3651, 10.3158



1.1619, 0.5816, 0.8420

Previews

White Background



This preview shows how the XYZ color 56.2183, 59.9580, 73.5758 looks on a white background.

Color Contrast Check

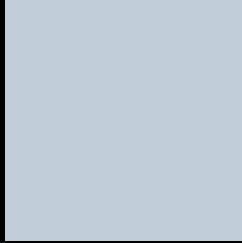
Large Text (above 18pt) WCAG AA × Fail

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 56.2183, 59.9580, 73.5758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

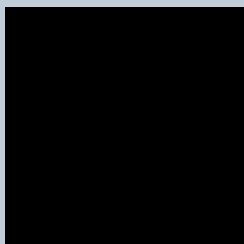
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

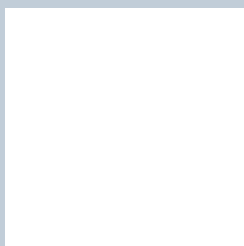
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2183, 59.9580, 73.5758

Background



This preview shows how black text looks on a background with the XYZ color 56.2183, 59.9580, 73.5758.

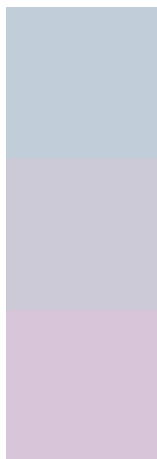


This preview shows how white text looks on a background with the XYZ color 56.2183, 59.9580,

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

56.2183, 59.9580, 73.5758

Protanopia

58.1600, 59.9335, 72.1213

Deuteranopia

60.9400, 59.5934, 74.6205



Tritanopia

56.7593, 59.8224, 76.2655

Trichromacy



Original Color

56.2183, 59.9580, 73.5758

Protanomaly

57.4411, 59.8975, 72.8239

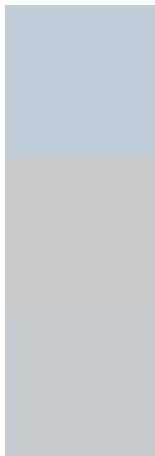
Deuteranomaly

59.1911, 59.7282, 74.0546

Tritanomaly

56.6272, 59.7695, 75.5699

Monochromacy



Original Color

56.2183, 59.9580, 73.5758

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.5312, 59.8819, 68.2534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2183, 59.9580, 73.5758 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(193, 205, 216)` looks like.

```
.text, #text, p{  
    color:rgb(193, 205, 216)  
}
```

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(193, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 205, 216) }
```

Border

The CSS property to change the border of an element to XYZ 56.2183, 59.9580, 73.5758 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(193, 205, 216) }
```


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

```
.border{ border-color:rgb(193, 205, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 205, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(193, 205,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2183, 59.9580, 73.5758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 205, 216) }
```

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

```
.background{ background-color: rgb(193,  
205, 216) }
```

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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