

Converting Colors

XYZ(56.5596, 58.8928, 66.8322)

Have a look what the booklet for
XYZ(56.5596, 58.8928, 66.8322)
contains.

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Color

**XYZ(56.6558, 58.9260,
66.7803)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC9CE
RGB	203, 201, 206
RGB Percent	80%, 79%, 81%
CMY	0.2039, 0.2117, 0.1922
CMYK	0.01, 0.02, 0.00, 0.19
HSL	264°, 5%, 80%
HSV	264°, 2%, 81%
XYZ	56.6558, 58.9260, 66.7803
YIQ	202.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

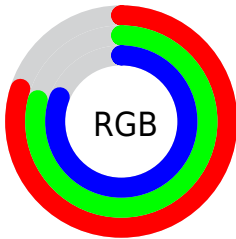
Format	Color
R _Y B	203, 201, 206
Decimal	13355470
CIE Lab	81.25, 1.61, -2.25
CIE LCh	81, 2.769, 305.588
Yxy	58.9260, 0.3107, 0.3231
Android (android.graphics.Color)	4291545550 (0xFFC9CE)
YUV	202.1680, 1.8892, 0.7297
Hunter-Lab	76.7633, -2.5923, 2.1549

Details

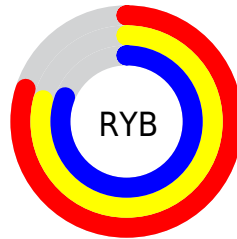
The XYZ color **56.6558, 58.9260, 66.7803** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5180, 61.1986, 64.0423**, and the grayscale version is **56.2340, 59.1626, 64.4281**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.4956, 29.5240, 33.9026** is the 20% darker color. If you saturate the color by 10%, you get **48.9374, 48.2912, 65.1353**, and if you desaturate by 10%, it is **65.2903, 70.9924, 68.6551**.

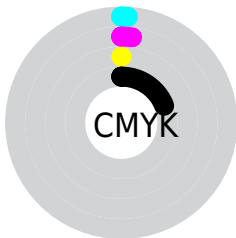
Distribution



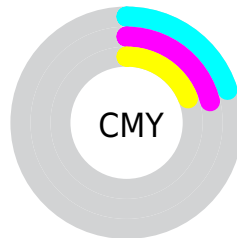
- Red (80%)
- Green (79%)
- Blue (81%)



- Red (80%)
- Yellow (79%)
- Blue (81%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6558, 58.9260, 66.7803 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 56.6558, 58.9260, 66.7803 by changing the saturation by 10% instead.

■ 56.6558, 58.9260,
66.7803

■ 56.6558, 58.9260,
66.7803

402.1934,
420.6276, 467.6425

■ 40.9680, 42.5536,
48.4456

99.0970, 103.2701,
116.2432

■ 28.4817, 29.5350,
33.8174

126.5812,
132.0106, 148.2085

■ 18.8314, 19.4859,
22.4772

158.7282,
165.6425, 185.5545

■ 11.6518, 12.0219,
14.0063

195.9034,
204.5502, 228.6996

■ 6.5775, 6.7586,
7.9862

238.4722,
249.1182, 278.0624

■ 3.2433, 3.3116,
3.9985

286.7999,

■ 1.2837, 1.2965,

299.7309, 334.0615

1.6245

341.2518,
356.7725, 397.1153

■ 0.1710, 0.1385,
0.3082

■ 0.0000, 0.0000,
0.0000

■ 56.6558, 58.9260,
66.7803

■ 56.6558, 58.9260,
66.7803

■ 48.9374, 48.2912,
65.1353

■ 65.2903, 70.9924,
68.6551

■ 42.0984, 39.0264,
63.7074

■ 74.8660, 84.5340,
70.7642

■ 36.1070, 31.0765,
62.4887

■ 82.8724, 94.5203,
72.2698

■ 30.9271, 24.3796,
61.4691

■ 87.2182, 96.7607,
72.4732

■ 26.5202, 18.8690,
60.6377

■ 88.1407, 97.2363,
72.5164

■ 22.8443, 14.4714,
59.9826

■ 19.8527, 11.1051,
59.4906

■ 17.4928, 8.6766,
59.1462

■ 15.7023, 7.0743,
58.9313

Harmonies

Analogous

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



56.1155, 58.9260, 67.3763



56.6558, 58.9260, 66.7803



57.0242, 58.9260, 65.4832

Triad

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



56.6558, 58.9260, 66.7803



56.4674, 58.9260, 61.3092



54.9100, 58.9260, 64.4704

Complementary

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



56.6558, 58.9260, 66.7803



57.5180, 61.1986, 64.0423

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.



55.0028, 58.9260, 62.8556



56.6558, 58.9260, 66.7803



55.8994, 58.9260, 61.0485

Square

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



56.6558, 58.9260, 66.7803



56.9149, 58.9260, 62.3283



55.3640, 58.9260, 61.6099



55.1096, 58.9260, 66.0281

Rectangle

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



56.6558, 58.9260, 66.7803



57.1213, 58.9260, 64.4053



55.3640, 58.9260, 61.6099



54.9080, 58.9260, 63.9162

Sweetspot

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



56.6575, 58.9285, 66.7816



93.6808, 98.0946, 108.6044



56.8428, 60.1011, 66.9982



20.0660, 21.0164, 23.2489



0.0000, 0.0000, 0.0000



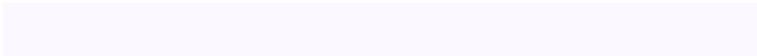
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6575, 58.9285, 66.7816



90.9882, 94.3550, 108.0245



57.3209, 59.2706, 66.8126



11.9644, 12.3635, 14.3262



9.1224, 3.9103, 36.2302



0.5556, 0.2455, 1.8730

Inverse Universe

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



57.2414, 59.2574, 65.5507



92.1696, 95.0205, 105.5312



56.8605, 60.8597, 64.0115



12.1579, 12.4725, 13.9173



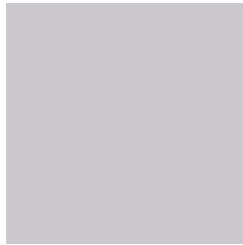
17.9505, 8.9908, 12.7241



0.9629, 0.4786, 0.8504

Previews

White Background



This preview shows how the XYZ color 56.6558, 58.9260, 66.7803 looks on a white background.

Color Contrast Check

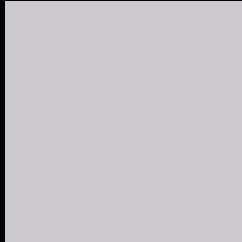
Large Text (above 18pt) WCAG AA × Fail

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 56.6558, 58.9260, 66.7803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

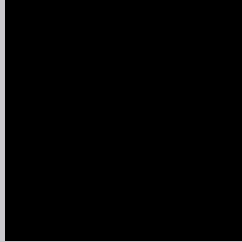
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6558, 58.9260, 66.7803

Background



This preview shows how black text looks on a background with the XYZ color 56.6558, 58.9260, 66.7803.

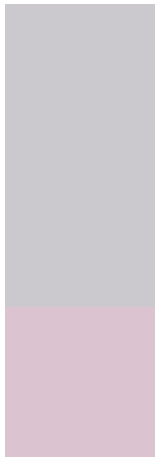


This preview shows how white text looks on a background with the XYZ color 56.6558, 58.9260,

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

56.6558, 58.9260, 66.7803

Protanopia

56.9291, 59.0669, 66.7931

Deuteranopia

60.2158, 59.0449, 67.2546



Tritanopia

57.8219, 59.0522, 72.6407

Trichromacy



Original Color

56.6558, 58.9260, 66.7803

Protanomaly

56.9291, 59.0669, 66.7931

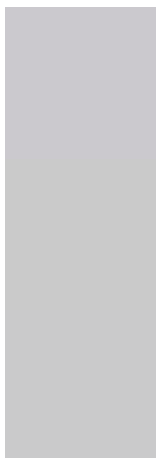
Deuteranomaly

58.8971, 59.0393, 67.3230

Tritanomaly

57.4398, 58.8994, 70.6287

Monochromacy



Original Color

56.6558, 58.9260, 66.7803

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2571, 59.1094, 64.9441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6558, 58.9260, 66.7803 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(203, 201, 206) looks like.

```
.text, #text, p{  
    color:rgb(203, 201, 206)  
}
```

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(203, 201, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 201, 206) }
```

Border

The CSS property to change the border of an element to XYZ 56.6558, 58.9260, 66.7803 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(203, 201, 206) }
```


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

```
.border{ border-color:rgb(203, 201, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 201, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 201, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 201, 206);  
box-shadow:4px 4px 4px 4px rgb(203, 201,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6558, 58.9260, 66.7803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 201, 206) }
```

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

```
.background{ background-color: rgb(203,  
201, 206) }
```

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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