

Converting Colors

XYZ(56.2718, 55.8273, 69.0438)

Have a look what the booklet for
XYZ(56.2718, 55.8273, 69.0438)
contains.

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Color

**XYZ(56.4349, 56.0585,
68.8187)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC1D2
RGB	207, 193, 210
RGB Percent	81%, 76%, 82%
CMY	0.1882, 0.2431, 0.1765
CMYK	0.01, 0.08, 0.00, 0.18
HSL	289°, 16%, 79%
HSV	289°, 8%, 82%
XYZ	56.4349, 56.0585, 68.8187
YIQ	199.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

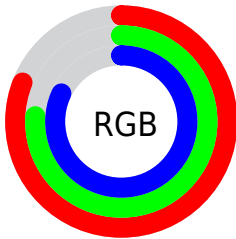
Format	Color
R _Y B	207, 193, 210
Decimal	13615570
CIE Lab	79.65, 7.98, -6.73
CIE LCh	80, 10.436, 319.851
Yxy	56.0585, 0.3113, 0.3092
Android (android.graphics.Color)	4291805650 (0xFFCFC1D2)
YUV	199.1240, 5.3619, 6.9073
Hunter-Lab	74.8722, 3.5179, -2.0858

Details

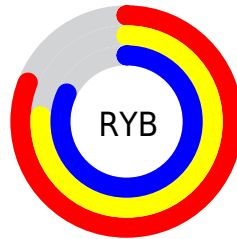
The XYZ color **56.4349, 56.0585, 68.8187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4394, 61.6808, 59.4386**, and the grayscale version is **54.3303, 57.1597, 62.2470**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **28.3702, 27.6378, 35.2919** is the 20% darker color. If you saturate the color by 10%, you get **51.0953, 46.8980, 67.3328**, and if you desaturate by 10%, it is **62.4613, 66.5547, 70.5279**.

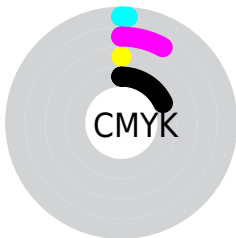
Distribution



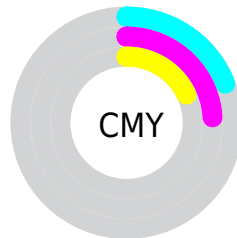
- Red (81%)
- Green (76%)
- Blue (82%)



- Red (81%)
- Yellow (76%)
- Blue (82%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4349, 56.0585, 68.8187 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 56.4349, 56.0585, 68.8187 by changing the saturation by 10% instead.

■ 56.4349, 56.0585,
68.8187

■ 56.4349, 56.0585,
68.8187

401.3769,
409.9119, 475.0679

■ 40.7901, 40.2498,
50.0932

■ 98.7763, 99.0901,
119.1879

■ 28.3420, 27.7334,
35.1158

126.2036,
127.0818, 151.6686

■ 18.7254, 18.1248,
23.4678

158.2891,
159.9034, 189.5716

■ 11.5749, 11.0396,
14.7308

195.3981,
197.9391, 233.3152

■ 6.5250, 6.0935,
8.4861

237.8960,
241.5734, 283.3181

■ 3.2105, 2.9020,
4.3154

286.1483,

■ 1.2661, 1.0808,

291.1907, 339.9989

1.7999

340.5201,
347.1754, 403.7759

■ 0.1576, 0.0000,
0.4279

■ 0.0000, 0.0000,
0.0000

■ 56.4349, 56.0585,
68.8187

■ 56.4349, 56.0585,
68.8187

■ 51.0953, 46.8980,
67.3328

■ 62.4613, 66.5547,
70.5279

■ 46.4097, 39.0106,
66.0573

■ 69.1957, 78.4315,
72.4654

■ 42.3501, 32.3394,
64.9836

■ 76.3429, 91.0974,
74.5335

■ 38.8843, 26.8206,
64.1011

■ 77.4648, 91.6758,
74.5860

35.9773, 22.3841,
63.3980

78.6116, 92.2670,
74.6396

33.5901, 18.9524,
62.8614

79.7836, 92.8712,
74.6945

31.6786, 16.4377,
62.4767

80.9808, 93.4883,
74.7505

30.1911, 14.7364,
62.2268

82.2034, 94.1186,
74.8077

29.0517, 13.6974,
62.0863

83.4517, 94.7621,
74.8662

Harmonies

Analogous

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



54.6677, 56.0585, 72.5990



56.4349, 56.0585, 68.8187



57.3648, 56.0585, 63.1029

Triad

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



56.4349, 56.0585, 68.8187



53.9981, 56.0585, 50.3275



49.5661, 56.0585, 65.0583

Complementary

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



56.4349, 56.0585, 68.8187



55.4394, 61.6808, 59.4386

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.



49.3975, 56.0585, 59.0190



56.4349, 56.0585, 68.8187



51.9197, 56.0585, 50.7748

Square

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



56.4349, 56.0585, 68.8187



55.9336, 56.0585, 52.6023



50.2486, 56.0585, 53.8674



50.7154, 56.0585, 70.3309

Rectangle

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



56.4349, 56.0585, 68.8187



57.3686, 56.0585, 59.0770



50.2486, 56.0585, 53.8674



49.3940, 56.0585, 63.0423

Sweetspot

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



56.4365, 56.0609, 68.8199



93.1141, 96.6187, 108.3494



53.3938, 55.5258, 68.8770



19.9506, 20.7158, 23.1970



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.



56.4365, 56.0609, 68.8199



85.8112, 83.9520, 106.2894



56.6233, 56.2334, 65.3866



12.0976, 11.8991, 14.9028



17.6753, 8.2923, 37.8615



1.0433, 0.4920, 2.1195

Inverse Universe

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



55.6142, 55.8297, 60.0727



84.2493, 83.5163, 89.5227



55.2783, 61.5270, 62.6229



11.8927, 11.8418, 12.7109



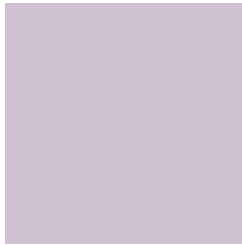
16.4430, 8.4501, 1.9732



0.9460, 0.4831, 0.2502

Previews

White Background



This preview shows how the XYZ color 56.4349, 56.0585, 68.8187 looks on a white background.

Color Contrast Check

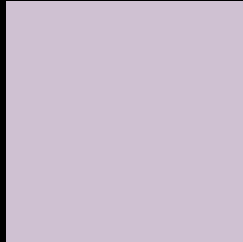
Large Text (above 18pt) WCAG AA × Fail

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 56.4349, 56.0585, 68.8187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

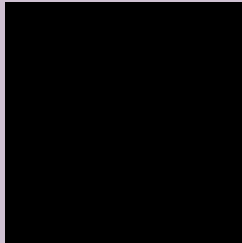
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4349, 56.0585, 68.8187

Background



This preview shows how black text looks on a background with the XYZ color 56.4349, 56.0585, 68.8187.

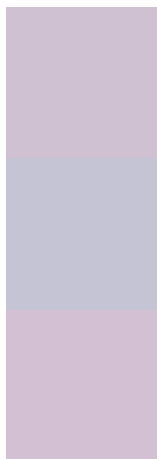


This preview shows how white text looks on a background with the XYZ color 56.4349, 56.0585,

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

56.4349, 56.0585, 68.8187

Protanopia

54.6496, 56.1036, 70.2361

Deuteranopia

57.3465, 56.2013, 68.7982



Tritanopia

56.1873, 55.9594, 67.5144

Trichromacy



Original Color

56.4349, 56.0585, 68.8187

Protanomaly

55.3604, 56.1509, 69.5484

Deuteranomaly

57.0608, 56.0541, 68.7849

Tritanomaly

56.3107, 56.0088, 68.1645

Monochromacy



Original Color

56.4349, 56.0585, 68.8187

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.1029, 56.8009, 64.5593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4349, 56.0585, 68.8187 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(207, 193, 210)` looks like.

```
.text, #text, p{  
    color:rgb(207, 193, 210)  
}
```

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(207, 193, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 193, 210) }
```

Border

The CSS property to change the border of an element to XYZ 56.4349, 56.0585, 68.8187 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(207, 193, 210) }
```


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

```
.border{ border-color:rgb(207, 193, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 193, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 193, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 193, 210);  
box-shadow:4px 4px 4px 4px rgb(207, 193,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4349, 56.0585, 68.8187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 193, 210) }
```

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

```
.background{ background-color: rgb(207,  
193, 210) }
```

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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