

Converting Colors

XYZ(56.4078, 58.6340, 65.2369)

Have a look what the booklet for
XYZ(56.4078, 58.6340, 65.2369)
contains.

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Color

**XYZ(56.4552, 58.5056,
65.4439)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC8CC
RGB	204, 200, 204
RGB Percent	80%, 78%, 80%
CMY	0.2000, 0.2157, 0.2000
CMYK	0.00, 0.02, 0.00, 0.20
HSL	300°, 4%, 79%
HSV	300°, 2%, 80%
XYZ	56.4552, 58.5056, 65.4439
YIQ	201.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

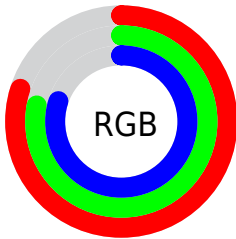
Format	Color
R_{YB}	204, 200, 204
Decimal	13420748
CIE _{Lab}	81.02, 2.11, -1.51
CIE _{LCh}	81, 2.598, 324.448
Yxy	58.5056, 0.3129, 0.3243
Android (android.graphics.Color)	4291610828 (0xFFCCC8CC)
YUV	201.6520, 1.1576, 2.0592
Hunter-Lab	76.4890, -2.1078, 2.8138

Details

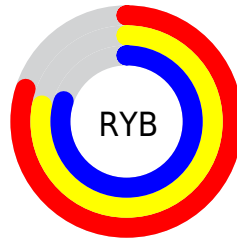
The XYZ color **56.4552, 58.5056, 65.4439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8399, 59.6368, 63.2146**, and the grayscale version is **55.9162, 58.8282, 64.0639**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.3616, 29.2438, 33.0040** is the 20% darker color. If you saturate the color by 10%, you get **52.0430, 49.6804, 63.9739**, and if you desaturate by 10%, it is **61.5012, 68.5966, 67.1266**.

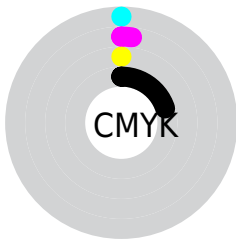
Distribution



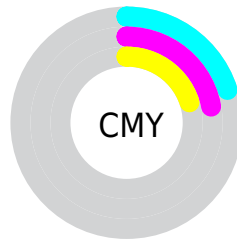
- Red (80%)
- Green (78%)
- Blue (80%)



- Red (80%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4552, 58.5056, 65.4439 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 56.4552, 58.5056, 65.4439 by changing the saturation by 10% instead.

■ 56.4552, 58.5056,
65.4439

■ 56.4552, 58.5056,
65.4439

401.4520,
419.0673, 462.7352

■ 40.8064, 42.2153,
47.3675

98.8058, 102.6588,
114.3072

■ 28.3549, 29.2699,
32.9698

126.2383,
131.2904, 145.9311

■ 18.7352, 19.2851,
21.8324

158.3294,
164.8045, 182.9080

■ 11.5819, 11.8764,
13.5367

195.4446,
203.5856, 225.6564

■ 6.5298, 6.6596,
7.6641

237.9490,
248.0180, 274.5947

■ 3.2135, 3.2501,
3.7961

286.2082,

■ 1.2677, 1.2637,

298.4862, 330.1416

1.5142

340.5874,
355.3745, 392.7156

■ 0.1588, 0.1128,
0.2284

■ 0.0000, 0.0000,
0.0000

■ 56.4552, 58.5056,
65.4439

■ 56.4552, 58.5056,
65.4439

■ 52.0430, 49.6804,
63.9739

■ 61.5012, 68.5966,
67.1266

■ 48.2347, 42.0639,
62.7045

■ 67.1992, 79.9927,
69.0259

■ 45.0056, 35.6058,
61.6281

■ 71.5616, 88.7173,
70.4800

■ 42.3273, 30.2495,
60.7354

■ 71.5617, 88.7174,
70.4800

40.1692, 25.9333,
60.0160

71.5618, 88.7174,
70.4800

38.4974, 22.5898,
59.4588

71.5618, 88.7174,
70.4800

37.2742, 20.1435,
59.0511

71.5619, 88.7175,
70.4800

36.4564, 18.5080,
58.7785

71.5619, 88.7175,
70.4801

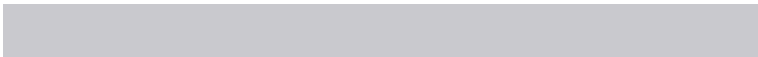
35.9922, 17.5796,
58.6238

71.5620, 88.7175,
70.4801

Harmonies

Analogous

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



56.0378, 58.5056, 66.4428



56.4552, 58.5056, 65.4439



56.6456, 58.5056, 63.9902

Triad

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



56.4552, 58.5056, 65.4439



55.7081, 58.5056, 60.7941



54.6698, 58.5056, 64.9389

Complementary

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



56.4552, 58.5056, 65.4439



55.8399, 59.6368, 63.2146

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.



54.5828, 58.5056, 63.4160



56.4552, 58.5056, 65.4439



55.1800, 58.5056, 61.0389

Square

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



56.4552, 58.5056, 65.4439



56.2125, 58.5056, 61.3184



54.7690, 58.5056, 61.9926



55.0075, 58.5056, 66.1479

Rectangle

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



56.4552, 58.5056, 65.4439



56.6174, 58.5056, 62.9650



54.7690, 58.5056, 61.9926



54.6103, 58.5056, 64.4460

Sweetspot

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



56.4569, 58.5081, 65.4452



94.2419, 98.3838, 108.6306



55.3909, 57.9815, 65.3997



20.1802, 21.0752, 23.2543



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.



56.4569, 58.5081, 65.4452



93.4445, 96.7891, 108.3648



56.2266, 58.4160, 64.2324



12.4311, 12.8908, 14.4033



22.5331, 10.8238, 36.8578



1.1625, 0.5584, 1.9015

Inverse Universe

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



55.9836, 58.3188, 62.9527



92.6342, 96.4649, 104.0976



56.0671, 59.7277, 64.4113



12.3311, 12.8508, 13.8770



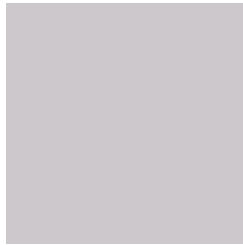
15.6735, 8.0800, 0.7336



0.8086, 0.4168, 0.0379

Previews

White Background



This preview shows how the XYZ color 56.4552, 58.5056, 65.4439 looks on a white background.

Color Contrast Check

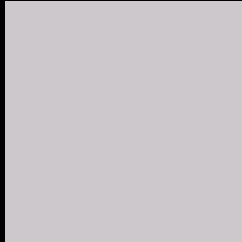
Large Text (above 18pt) WCAG AA × Fail

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 56.4552, 58.5056, 65.4439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

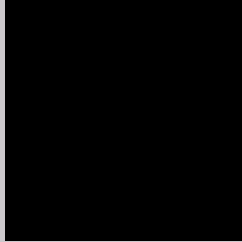
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

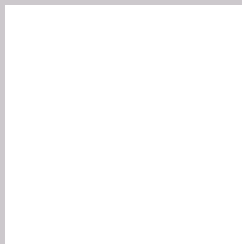
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4552, 58.5056, 65.4439

Background



This preview shows how black text looks on a background with the XYZ color 56.4552, 58.5056, 65.4439.

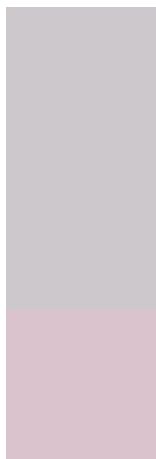


This preview shows how white text looks on a background with the XYZ color 56.4552, 58.5056,

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

56.4552, 58.5056, 65.4439

Protanopia

56.4552, 58.5056, 65.4439

Deuteranopia

59.7480, 58.4981, 65.8998



Tritanopia

57.7853, 58.3650, 71.8383

Trichromacy



Original Color

56.4552, 58.5056, 65.4439

Protanomaly

56.4552, 58.5056, 65.4439

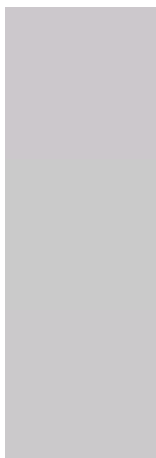
Deuteranomaly

58.7173, 58.6364, 65.9808

Tritanomaly

57.2331, 58.4791, 69.2439

Monochromacy



Original Color

56.4552, 58.5056, 65.4439

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2947, 58.7816, 64.8788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4552, 58.5056, 65.4439 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(204, 200, 204) looks like.

```
.text, #text, p{  
    color:rgb(204, 200, 204)  
}
```

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(204, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 200, 204) }
```

Border

The CSS property to change the border of an element to XYZ 56.4552, 58.5056, 65.4439 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(204, 200, 204) }
```


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

```
.border{ border-color:rgb(204, 200, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 200, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 200, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 200, 204);  
box-shadow:4px 4px 4px 4px rgb(204, 200,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4552, 58.5056, 65.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 200, 204) }
```

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

```
.background{ background-color: rgb(204,  
200, 204) }
```

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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