

Converting Colors

XYZ(56.5877, 55.9661, 67.2235)

Have a look what the booklet for
XYZ(56.5877, 55.9661, 67.2235)
contains.

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Color

**XYZ(56.5293, 55.8086,
67.4672)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C0D0
RGB	209, 192, 208
RGB Percent	82%, 75%, 82%
CMY	0.1804, 0.2470, 0.1843
CMYK	0.00, 0.08, 0.00, 0.18
HSL	304°, 16%, 79%
HSV	304°, 8%, 82%
XYZ	56.5293, 55.8086, 67.4672
YIQ	198.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

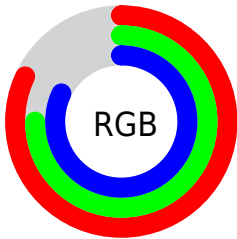
Format	Color
R _Y B	209, 192, 208
Decimal	13746384
CIE Lab	79.50, 8.82, -5.84
CIE LCh	80, 10.584, 326.490
Yxy	55.8086, 0.3144, 0.3104
Android (android.graphics.Color)	4291936464 (0xFFD1C0D0)
YUV	198.9070, 4.4828, 8.8516
Hunter-Lab	74.7052, 4.3367, -1.2520

Details

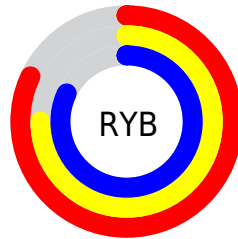
The XYZ color **56.5293, 55.8086, 67.4672** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1665, 60.6592, 59.3085**, and the grayscale version is **54.2019, 57.0246, 62.0998**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **28.5829, 27.7669, 34.4249** is the 20% darker color. If you saturate the color by 10%, you get **52.1121, 47.2147, 65.2517**, and if you desaturate by 10%, it is **61.6025, 65.7111, 69.9085**.

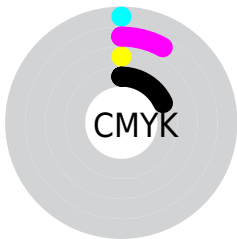
Distribution



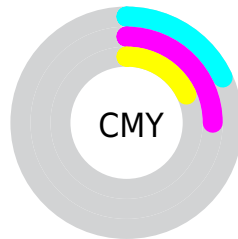
- Red (82%)
- Green (75%)
- Blue (82%)



- Red (82%)
- Yellow (75%)
- Blue (82%)



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



- Cyan (18%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5293, 55.8086, 67.4672 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 56.5293, 55.8086, 67.4672 by changing the saturation by 10% instead.

■ 56.5293, 55.8086,
67.4672

■ 56.5293, 55.8086,
67.4672

401.7259,
408.9698, 470.1527

■ 40.8661, 40.0495,
49.0004

■ 98.9134, 98.7247,
117.2366

■ 28.4017, 27.5771,
34.2542

126.3650,
126.6504, 149.3763

■ 18.7707, 18.0071,
22.8100

158.4768,
159.4005, 186.9107

■ 11.6077, 10.9551,
14.2493

195.6141,
197.3593, 230.2584

■ 6.5474, 6.0367,
8.1535

238.1423,
240.9113, 279.8379

■ 3.2245, 2.8674,
4.1042

286.4268,

■ 1.2736, 1.0629,

290.4407, 336.0678

1.6827

340.8329,
346.3321, 399.3665

■ 0.1633, 0.0000,
0.3488

■ 0.0000, 0.0000,
0.0000

■ 56.5293, 55.8086,
67.4672

■ 56.5293, 55.8086,
67.4672

■ 52.1121, 47.2147,
65.2517

■ 61.6025, 65.7111,
69.9085

■ 48.3188, 39.8675,
63.2493

■ 67.3527, 76.9664,
72.5806

■ 45.1218, 33.7109,
61.4514

■ 73.8057, 89.6255,
75.4928

■ 42.4894, 28.6818,
59.8474

■ 74.0552, 89.8756,
76.3430

40.3871, 24.7110,
58.4259

74.2118, 89.9383,
77.1681

38.7767, 21.7221,
57.1741

74.3697, 90.0014,
77.9994

37.6147, 19.6282,
56.0775

74.5288, 90.0651,
78.8370

36.8500, 18.3271,
55.1190

74.6890, 90.1292,
79.6809

36.4075, 17.6683,
54.2735

74.8505, 90.1938,
80.5310

Harmonies

Analogous

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



54.8903, 55.8086, 71.8679



56.5293, 55.8086, 67.4672



57.2337, 55.8086, 61.4863

Triad

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



56.5293, 55.8086, 67.4672



53.2953, 55.8086, 49.8052



49.4663, 55.8086, 66.1436

Complementary

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



56.5293, 55.8086, 67.4672



54.1665, 60.6592, 59.3085

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.



49.0647, 55.8086, 60.0515



56.5293, 55.8086, 67.4672



51.2404, 55.8086, 50.8708

Square

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



56.5293, 55.8086, 67.4672



55.3354, 55.8086, 51.5107



49.7058, 55.8086, 54.5241



50.8176, 55.8086, 71.0686

Rectangle

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



56.5293, 55.8086, 67.4672



57.0649, 55.8086, 57.5006



49.7058, 55.8086, 54.5241



49.2173, 55.8086, 64.1529

Sweetspot

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



56.5309, 55.8110, 67.4684



93.3962, 96.7698, 108.1105



52.3147, 53.6232, 67.9156



20.0080, 20.7465, 23.1484



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.



56.5309, 55.8110, 67.4684



87.2072, 84.6994, 105.0984



55.5304, 55.4108, 62.2000



12.2795, 11.9965, 14.7477



22.4181, 10.8401, 33.4373



1.2628, 0.6098, 1.9188

Inverse Universe

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



56.5309, 55.8110, 67.4684



87.2072, 84.6994, 105.0984



55.1245, 61.0424, 64.3533



12.2795, 11.9965, 14.7477



22.4181, 10.8401, 33.4373



1.2628, 0.6098, 1.9188

Previews

White Background



This preview shows how the XYZ color 56.5293, 55.8086, 67.4672 looks on a white background.

Color Contrast Check

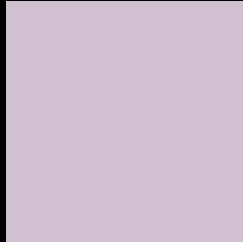
Large Text (above 18pt) WCAG AA × Fail

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 56.5293, 55.8086, 67.4672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

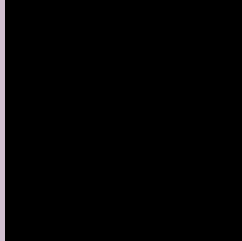
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5293, 55.8086, 67.4672

Background



This preview shows how black text looks on a background with the XYZ color 56.5293, 55.8086, 67.4672.



This preview shows how white text looks on a background with the XYZ color 56.5293, 55.8086,

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

56.5293, 55.8086, 67.4672

Protanopia

54.3987, 56.0033, 68.9154

Deuteranopia

56.8799, 55.6646, 67.4209



Tritanopia

56.4066, 55.7596, 66.8212

Trichromacy



Original Color

56.5293, 55.8086, 67.4672

Protanomaly

55.1111, 56.0512, 68.2359

Deuteranomaly

56.5943, 55.5173, 67.4076

Tritanomaly

56.4066, 55.7596, 66.8212

Monochromacy



Original Color

56.5293, 55.8086, 67.4672

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.0292, 56.4406, 63.8709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5293, 55.8086, 67.4672 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(209, 192, 208) looks like.

```
.text, #text, p{  
    color:rgb(209, 192, 208)  
}
```

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(209, 192, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 192, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.5293, 55.8086, 67.4672 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(209, 192, 208) }
```


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

```
.border{ border-color:rgb(209, 192, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 192, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 192, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 192, 208);  
box-shadow:4px 4px 4px 4px rgb(209, 192,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5293, 55.8086, 67.4672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 192, 208) }
```

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

```
.background{ background-color: rgb(209,  
192, 208) }
```

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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