

Converting Colors

XYZ(56.8654, 56.5431, 67.2219)

Have a look what the booklet for
XYZ(56.8654, 56.5431, 67.2219)
contains.

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Color

**XYZ(56.8488, 56.6439,
66.9686)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C2CF
RGB	209, 194, 207
RGB Percent	82%, 76%, 81%
CMY	0.1804, 0.2392, 0.1882
CMYK	0.00, 0.07, 0.01, 0.18
HSL	308°, 14%, 79%
HSV	308°, 7%, 82%
XYZ	56.8488, 56.6439, 66.9686
YIQ	199.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

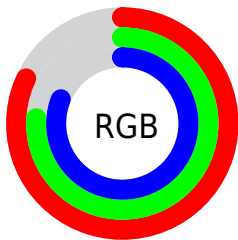
Format	Color
R _Y B	209, 194, 207
Decimal	13746895
CIE Lab	79.98, 7.57, -4.60
CIE LCh	80, 8.862, 328.695
Yxy	56.6439, 0.3150, 0.3139
Android (android.graphics.Color)	4291936975 (0xFFD1C2CF)
YUV	199.9670, 3.4673, 7.9219
Hunter-Lab	75.2621, 3.1201, -0.0730

Details

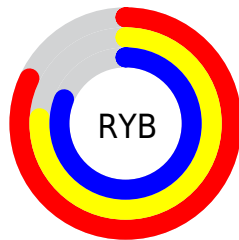
The XYZ color **56.8488, 56.6439, 66.9686** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0146, 61.0574, 61.1132**, and the grayscale version is **54.8581, 57.7150, 62.8516**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **28.6454, 28.0246, 34.0365** is the 20% darker color. If you saturate the color by 10%, you get **52.1833, 47.8528, 63.7474**, and if you desaturate by 10%, it is **62.1777, 66.7507, 70.4420**.

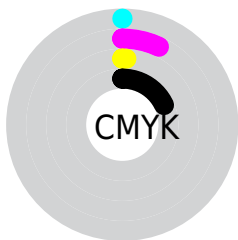
Distribution



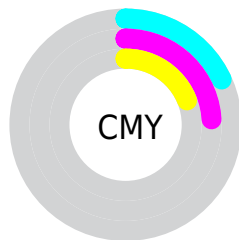
- Red (82%)
- Green (76%)
- Blue (81%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8488, 56.6439, 66.9686 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 56.8488, 56.6439, 66.9686 by changing the saturation by 10% instead.

■ 56.8488, 56.6439,
66.9686

■ 56.8488, 56.6439,
66.9686

402.9058,
412.1136, 468.3314

■ 41.1235, 40.7194,
48.5977

■ 99.3772, 99.9454,
116.5156

■ 28.6037, 28.0999,
33.9371

126.9110,
128.0912, 148.5288

■ 18.9240, 18.4010,
22.5683

159.1117,
161.0796, 185.9265

■ 11.7191, 11.2383,
14.0728

196.3446,
199.2949, 229.1273

■ 6.6235, 6.2273,
8.0320

238.9751,
243.1216, 278.5496

■ 3.2720, 2.9838,
4.0273

287.3686,

■ 1.2992, 1.1233,

292.9440, 334.6120

1.6404

341.8904,
349.1465, 397.7331

■ 0.1826, 0.0000,
0.3194

■ 0.0000, 0.0000,
0.0000

■ 56.8488, 56.6439,
66.9686

■ 56.8488, 56.6439,
66.9686

■ 52.1833, 47.8528,
63.7474

■ 62.1777, 66.7507,
70.4420

■ 48.1492, 40.3156,
60.7656

■ 68.1908, 78.2169,
74.1725

■ 44.7191, 33.9768,
58.0144

■ 74.3675, 90.0005,
77.9876

■ 41.8614, 28.7736,
55.4834

■ 74.7296, 90.1454,
79.8947

39.5421, 24.6376,
53.1608

75.0979, 90.2927,
81.8340

37.7232, 21.4930,
51.0340

75.4724, 90.4425,
83.8059

36.3619, 19.2541,
49.0885

75.8530, 90.5948,
85.8104

35.4078, 17.8206,
47.3073

76.2399, 90.7495,
87.8477

34.7936, 17.0575,
45.6679

76.6330, 90.9068,
89.9179

Harmonies

Analogous

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



55.5166, 56.6439, 70.7819



56.8488, 56.6439, 66.9686



57.3718, 56.6439, 61.9016

Triad

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



56.8488, 56.6439, 66.9686



53.9172, 56.6439, 52.2906



50.8601, 56.6439, 66.5564

Complementary

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



56.8488, 56.6439, 66.9686



55.0146, 61.0574, 61.1132

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.



50.4530, 56.6439, 61.4501



56.8488, 56.6439, 66.9686



52.1942, 56.6439, 53.3859

Square

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



56.8488, 56.6439, 66.9686



55.6561, 56.6439, 53.5911



50.9361, 56.6439, 56.6691



52.0606, 56.6439, 70.5347

Rectangle

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



56.8488, 56.6439, 66.9686



57.1825, 56.6439, 58.5539



50.9361, 56.6439, 56.6691



50.6272, 56.6439, 64.9063

Sweetspot

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



56.8504, 56.6463, 66.9698



93.3352, 96.7453, 107.7891



53.5678, 54.9257, 68.1009



19.9955, 20.7416, 23.0830



0.0000, 0.0000, 0.0000



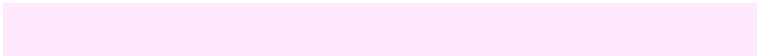
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8504, 56.6463, 66.9698



87.6717, 86.0258, 104.0287



55.9552, 56.2882, 62.2555



12.2401, 11.9808, 14.5403



21.3893, 10.4286, 28.0200



1.2152, 0.5908, 1.6681

Inverse Universe

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



56.8504, 56.6463, 66.9698



87.6717, 86.0258, 104.0287



55.8897, 61.4074, 65.7216



12.2401, 11.9808, 14.5403



21.3893, 10.4286, 28.0200



1.2152, 0.5908, 1.6681

Previews

White Background



This preview shows how the XYZ color 56.8488, 56.6439, 66.9686 looks on a white background.

Color Contrast Check

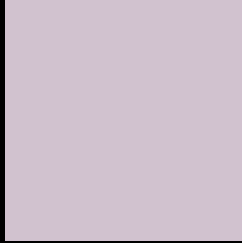
Large Text (above 18pt) WCAG AA × Fail

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 56.8488, 56.6439, 66.9686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

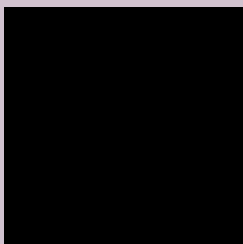
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

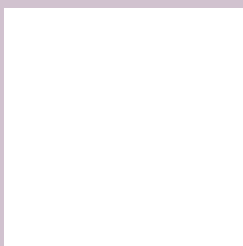
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8488, 56.6439, 66.9686

Background



This preview shows how black text looks on a background with the XYZ color 56.8488, 56.6439, 66.9686.



This preview shows how white text looks on a background with the XYZ color 56.8488, 56.6439,

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

56.8488, 56.6439, 66.9686

Protanopia

55.0281, 56.6781, 68.3613

Deuteranopia

57.5527, 56.3504, 66.8748



Tritanopia

57.0949, 56.7423, 68.2647

Trichromacy



Original Color

56.8488, 56.6439, 66.9686

Protanomaly

55.7537, 56.7304, 67.6860

Deuteranomaly

57.4838, 56.6420, 66.9348

Tritanomaly

56.9714, 56.6929, 67.6146

Monochromacy



Original Color

56.8488, 56.6439, 66.9686

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.6022, 57.3965, 64.6480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8488, 56.6439, 66.9686 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, 194, 207) looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 207)  
}
```

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, 194, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 207) }
```

Border

The CSS property to change the border of an element to XYZ 56.8488, 56.6439, 66.9686 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, 194, 207) }
```


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

```
.border{ border-color:rgb(209, 194, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 194, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 207);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8488, 56.6439, 66.9686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 207) }
```

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

```
.background{ background-color: rgb(209,  
194, 207) }
```

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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