

Converting Colors

XYZ(56.1231, 56.5478, 68.4847)

Have a look what the booklet for
XYZ(56.1231, 56.5478, 68.4847)
contains.

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Color

**XYZ(56.2006, 56.6128,
68.2869)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC3D1
RGB	205, 195, 209
RGB Percent	80%, 76%, 82%
CMY	0.1961, 0.2353, 0.1804
CMYK	0.02, 0.07, 0.00, 0.18
HSL	283°, 13%, 79%
HSV	283°, 7%, 82%
XYZ	56.2006, 56.6128, 68.2869
YIQ	199.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

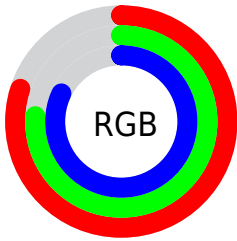
Format	Color
R _Y B	205, 195, 209
Decimal	13485009
CIE Lab	79.96, 6.04, -5.74
CIE LCh	80, 8.335, 316.441
Yxy	56.6128, 0.3103, 0.3126
Android (android.graphics.Color)	4291675089 (0xFFCDC3D1)
YUV	199.5860, 4.6411, 4.7481
Hunter-Lab	75.2415, 1.6556, -1.1408

Details

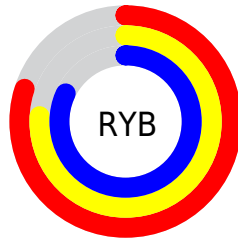
The XYZ color **56.2006, 56.6128, 68.2869** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2061, 61.6847, 60.5765**, and the grayscale version is **54.6184, 57.4628, 62.5770**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **28.2038, 27.9956, 34.9275** is the 20% darker color. If you saturate the color by 10%, you get **50.2260, 47.0622, 66.7592**, and if you desaturate by 10%, it is **62.8969, 67.5116, 70.0385**.

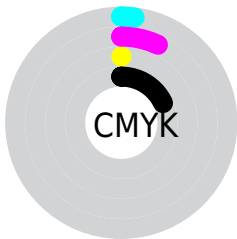
Distribution



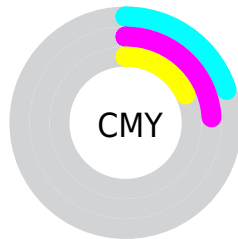
- Red (80%)
- Green (76%)
- Blue (82%)



- Red (80%)
- Yellow (76%)
- Blue (82%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2006, 56.6128, 68.2869 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 56.2006, 56.6128, 68.2869 by changing the saturation by 10% instead.

■ 56.2006, 56.6128,
68.2869

■ 56.2006, 56.6128,
68.2869

400.5098,
411.9968, 473.1375

■ 40.6014, 40.6945,
49.6630

■ 98.4359, 99.9000,
118.4206

■ 28.1941, 28.0804,
34.7764

125.8028,
128.0376, 150.7675

■ 18.6132, 18.3863,
23.2085

157.8229,
161.0171, 188.5258

■ 11.4935, 11.2277,
14.5408

194.8616,
199.2229, 232.1140

■ 6.4695, 6.2202,
8.3547

237.2843,
243.0394, 281.9508

■ 3.1760, 2.9794,
4.2318

285.4563,

■ 1.2475, 1.1210,

292.8510, 338.4546

1.7533

339.7431,
349.0420, 402.0440

■ 0.1434, 0.0000,
0.3969

■ 0.0000, 0.0000,
0.0000

■ 56.2006, 56.6128,
68.2869

■ 56.2006, 56.6128,
68.2869

■ 50.2260, 47.0622,
66.7592

■ 62.8969, 67.5116,
70.0385

■ 44.9402, 38.7979,
65.4426

■ 70.3360, 79.8026,
72.0188

■ 40.3154, 31.7641,
64.3287

■ 77.6754, 91.7987,
73.9475

■ 36.3196, 25.8980,
63.4070

■ 79.5474, 92.7637,
74.0351

32.9180, 21.1312,
62.6662

81.4850, 93.7626,
74.1258

30.0721, 17.3879,
62.0937

83.4888, 94.7956,
74.2195

27.7387, 14.5824,
61.6752

85.5594, 95.8631,
74.3164

25.8672, 12.6151,
61.3941

87.6975, 96.9653,
74.4165

24.3924, 11.3565,
61.2289

88.5088, 97.3835,
74.4545

Harmonies

Analogous

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



54.7347, 56.6128, 71.0155



56.2006, 56.6128, 68.2869



57.0333, 56.6128, 63.8518

Triad

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



56.2006, 56.6128, 68.2869



54.5750, 56.6128, 53.0216



50.7488, 56.6128, 64.3161

Complementary

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



56.2006, 56.6128, 68.2869



56.2061, 61.6847, 60.5765

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.



50.7081, 56.6128, 59.4832



56.2006, 56.6128, 68.2869



52.8934, 56.6128, 53.1313

Square

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



56.2006, 56.6128, 68.2869



56.0816, 56.6128, 55.1342



51.4858, 56.6128, 55.4423



51.5982, 56.6128, 68.6421

Rectangle

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



56.2006, 56.6128, 68.2869



57.1063, 56.6128, 60.6026



51.4858, 56.6128, 55.4423



50.6407, 56.6128, 62.6926

Sweetspot

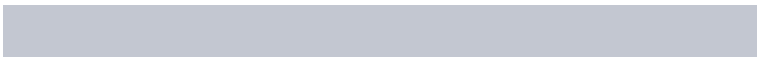
The Sweet Spot groups the original color and five complimentary colors.



56.2022, 56.6152, 68.2881



92.9104, 96.5137, 108.3398



54.4860, 57.1469, 68.4812



19.9091, 20.6944, 23.1951



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.



56.2022, 56.6152, 68.2881



86.7716, 86.5789, 106.7458



56.9762, 57.0539, 66.5308



11.9679, 11.8323, 14.8967



14.8701, 6.8461, 37.7302



0.9074, 0.4220, 2.1132

Inverse Universe

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



56.1204, 56.7116, 62.0242



86.6260, 86.7647, 94.9547



55.4782, 61.2725, 62.2104



11.9457, 11.8630, 12.9897



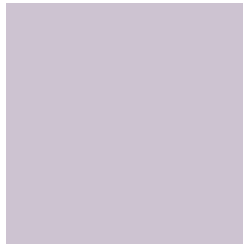
16.7479, 8.5720, 3.5784



0.9708, 0.4930, 0.3810

Previews

White Background



This preview shows how the XYZ color 56.2006, 56.6128, 68.2869 looks on a white background.

Color Contrast Check

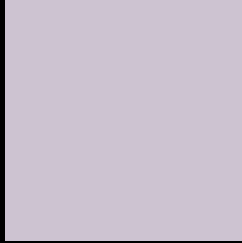
Large Text (above 18pt) WCAG AA × Fail

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 56.2006, 56.6128, 68.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

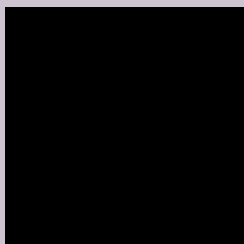
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2006, 56.6128, 68.2869

Background



This preview shows how black text looks on a background with the XYZ color 56.2006, 56.6128, 68.2869.

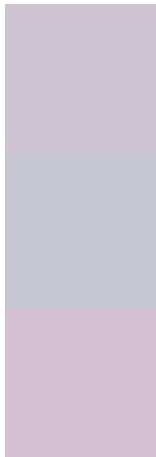


This preview shows how white text looks on a background with the XYZ color 56.2006, 56.6128,

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

56.2006, 56.6128, 68.2869

Protanopia

54.8878, 56.5914, 69.0031

Deuteranopia

57.6339, 56.3495, 68.8117



Tritanopia

56.3248, 56.6625, 68.9411

Trichromacy



Original Color

56.2006, 56.6128, 68.2869

Protanomaly

55.4602, 56.5505, 68.9650

Deuteranomaly

56.9973, 56.3484, 68.8450

Tritanomaly

56.3248, 56.6625, 68.9411

Monochromacy



Original Color

56.2006, 56.6128, 68.2869

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.3307, 57.2565, 64.6353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2006, 56.6128, 68.2869 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(205, 195, 209) looks like.

```
.text, #text, p{  
    color:rgb(205, 195, 209)  
}
```

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(205, 195, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 195, 209) }
```

Border

The CSS property to change the border of an element to XYZ 56.2006, 56.6128, 68.2869 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(205, 195, 209) }
```


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

```
.border{ border-color:rgb(205, 195, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 195, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 195, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 195, 209);  
box-shadow:4px 4px 4px 4px rgb(205, 195,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2006, 56.6128, 68.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 195, 209) }
```

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

```
.background{ background-color: rgb(205,  
195, 209) }
```

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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