

Converting Colors

XYZ(56.2840, 58.5024, 67.7463)

Have a look what the booklet for
XYZ(56.2840, 58.5024, 67.7463)
contains.

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Color

**XYZ(56.1268, 58.2801,
67.9655)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C8D0
RGB	201, 200, 208
RGB Percent	79%, 78%, 82%
CMY	0.2118, 0.2157, 0.1843
CMYK	0.03, 0.04, 0.00, 0.18
HSL	247°, 8%, 80%
HSV	247°, 4%, 82%
XYZ	56.1268, 58.2801, 67.9655
YIQ	201.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

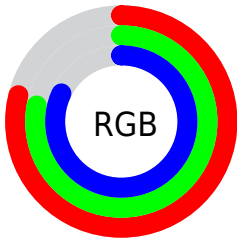
Format	Color
R _Y B	201, 200, 208
Decimal	13224144
CIE Lab	80.89, 1.83, -3.87
CIE LCh	81, 4.279, 295.389
Yxy	58.2801, 0.3078, 0.3196
Android (android.graphics.Color)	4291414224 (0xFFC9C8D0)
YUV	201.2110, 3.3470, -0.1850
Hunter-Lab	76.3414, -2.3629, 0.6541

Details

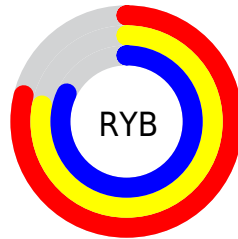
The XYZ color **56.1268, 58.2801, 67.9655** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7156, 62.5489, 63.6250**, and the grayscale version is **55.6303, 58.5275, 63.7364**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.1442, 29.0939, 34.7042** is the 20% darker color. If you saturate the color by 10%, you get **47.0258, 46.9184, 66.2530**, and if you desaturate by 10%, it is **66.4667, 71.2566, 69.9261**.

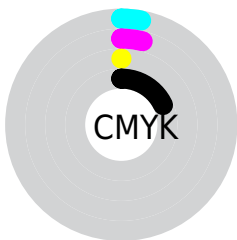
Distribution



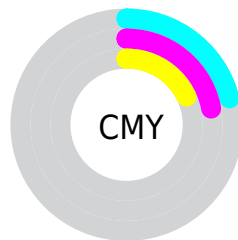
- Red (79%)
- Green (78%)
- Blue (82%)



- Red (79%)
- Yellow (78%)
- Blue (82%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1268, 58.2801, 67.9655 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 56.1268, 58.2801, 67.9655 by changing the saturation by 10% instead.

■ 56.1268, 58.2801,
67.9655

■ 56.1268, 58.2801,
67.9655

400.2365,
418.2288, 471.9685

■ 40.5420, 42.0339,
49.4032

98.3287, 102.3306,
117.9565

■ 28.1475, 29.1278,
34.5715

125.6765,
130.9037, 150.2223

■ 18.5779, 19.1775,
23.0521

157.6760,
164.3546, 187.8930

■ 11.4679, 11.7986,
14.4263

194.6925,
203.0676, 231.3871

■ 6.4520, 6.6067,
8.2756

237.0915,
247.4271, 281.1231

■ 3.1651, 3.2174,
4.1815

285.2382,

■ 1.2417, 1.2463,

297.8176, 337.5197

1.7255

339.4981,
354.6233, 400.9953

■ 0.1389, 0.0990,
0.3781

■ 0.0000, 0.0000,
0.0000

■ 56.1268, 58.2801,
67.9655

■ 56.1268, 58.2801,
67.9655

■ 47.0258, 46.9184,
66.2530

■ 66.4667, 71.2566,
69.9261

■ 39.1123, 37.1011,
64.7752

■ 78.0845, 85.8999,
72.1402

■ 32.3385, 28.7635,
63.5229

■ 88.3853, 97.3341,
73.8044

■ 26.6515, 21.8335,
62.4850

■ 21.9943, 16.2332,
61.6495

■ 18.3044, 11.8767,
61.0031

■ 15.5126, 8.6681,
60.5309

■ 13.5403, 6.4975,
60.2159

■ 12.2944, 5.2327,
60.0374

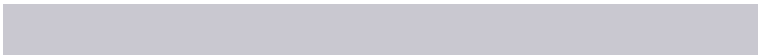
Harmonies

Analogous

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



55.2567, 58.2801, 68.4432



56.1268, 58.2801, 67.9655



56.8068, 58.2801, 66.2675

Triad

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



56.1268, 58.2801, 67.9655



56.3663, 58.2801, 59.5275



53.7135, 58.2801, 63.0659

Complementary

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



56.1268, 58.2801, 67.9655



58.7156, 62.5489, 63.6250

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.



54.0038, 58.2801, 60.7273



56.1268, 58.2801, 67.9655



55.5305, 58.2801, 58.7193

Square

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



56.1268, 58.2801, 67.9655



56.9461, 58.2801, 61.3890



54.6666, 58.2801, 59.1527



53.8694, 58.2801, 65.5711

Rectangle

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



56.1268, 58.2801, 67.9655



57.0576, 58.2801, 64.6952



54.6666, 58.2801, 59.1527



53.7620, 58.2801, 62.2349

Sweetspot

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



56.1285, 58.2826, 67.9668



93.4254, 97.9629, 108.5924



57.5354, 61.4930, 68.5123



20.0140, 20.9896, 23.2465



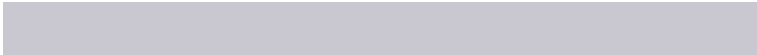
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.1285, 58.2826, 67.9668



87.1290, 90.0775, 107.4022



57.1999, 58.8349, 68.0169



12.0724, 12.4539, 15.0112



7.4046, 2.9975, 37.3808



0.4604, 0.1915, 2.0923

Inverse Universe

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



57.9313, 59.2261, 67.4130



90.8618, 92.0313, 106.2470



57.6298, 61.9891, 63.5742



12.6536, 12.7581, 14.8307



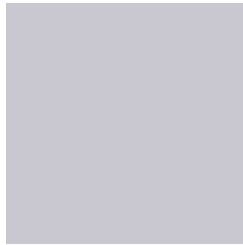
21.5044, 10.4746, 28.6259



1.2206, 0.5930, 1.6965

Previews

White Background



This preview shows how the XYZ color 56.1268, 58.2801, 67.9655 looks on a white background.

Color Contrast Check

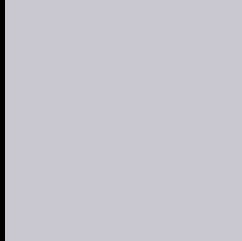
Large Text (above 18pt) WCAG AA × Fail

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 56.1268, 58.2801, 67.9655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

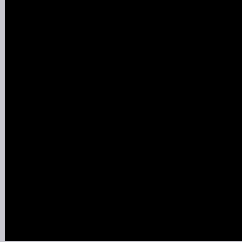
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

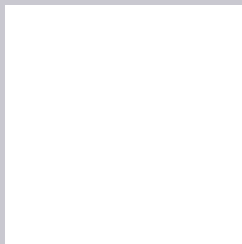
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1268, 58.2801, 67.9655

Background



This preview shows how black text looks on a background with the XYZ color 56.1268, 58.2801, 67.9655.



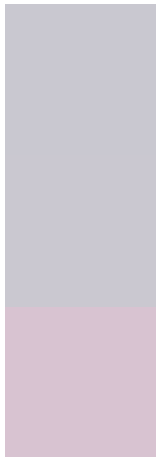
This preview shows how white text looks on a background with the XYZ color 56.1268, 58.2801,

67.9655.

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

56.1268, 58.2801, 67.9655

Protanopia

56.3966, 58.4192, 67.9781

Deuteranopia

59.3426, 58.2326, 68.4339



Tritanopia

57.0463, 58.3097, 72.5382

Trichromacy



Original Color

56.1268, 58.2801, 67.9655

Protanomaly

56.3966, 58.4192, 67.9781

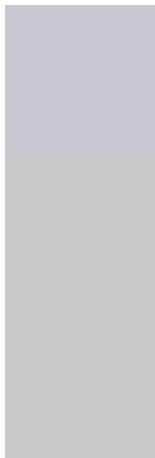
Deuteranomaly

58.3388, 58.3848, 68.5162

Tritanomaly

56.6642, 58.1569, 70.5262

Monochromacy



Original Color

56.1268, 58.2801, 67.9655

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.8731, 58.5504, 65.4833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1268, 58.2801, 67.9655 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(201, 200, 208)` looks like.

```
.text, #text, p{  
    color:rgb(201, 200, 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(201, 200, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 200, 208) }
```

Border

The CSS property to change the border of an element to XYZ 56.1268, 58.2801, 67.9655 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(201, 200, 208) }
```


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

```
.border{ border-color:rgb(201, 200, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 200, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 200, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 200, 208); box-shadow:4px 4px 4px 4px rgb(201, 200, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1268, 58.2801, 67.9655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 200, 208) }
```

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

```
.background{ background-color: rgb(201,  
200, 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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