

Converting Colors

XYZ(56.2950, 57.1068, 63.3140)

Have a look what the booklet for
XYZ(56.2950, 57.1068, 63.3140)
contains.

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Color

**XYZ(56.2950, 57.1068,
63.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C4C9
RGB	208, 196, 201
RGB Percent	82%, 77%, 79%
CMY	0.1843, 0.2314, 0.2118
CMYK	0.00, 0.06, 0.03, 0.18
HSL	335°, 11%, 79%
HSV	335°, 6%, 82%
XYZ	56.2950, 57.1068, 63.3140
YIQ	200.1580, 5.5470, 4.0990

Conversions

Conversions Part 2

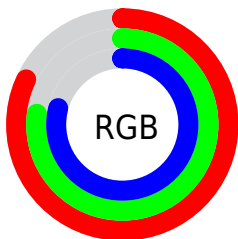
Format	Color
R _Y B	208, 196, 201
Decimal	13681865
CIE Lab	80.24, 5.08, -1.00
CIE LCh	80, 5.173, 348.821
Yxy	57.1068, 0.3186, 0.3232
Android (android.graphics.Color)	4291871945 (0xFFD0C4C9)
YUV	200.1580, 0.4151, 6.8774
Hunter-Lab	75.5690, 0.7274, 3.2234

Details

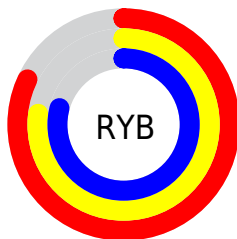
The XYZ color **56.2950, 57.1068, 63.3140** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1025, 61.1609, 65.3513**, and the grayscale version is **54.9935, 57.8575, 63.0068**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **28.2659, 28.3226, 31.5808** is the 20% darker color. If you saturate the color by 10%, you get **50.5533, 47.8181, 54.6323**, and if you desaturate by 10%, it is **62.8033, 67.7465, 72.8092**.

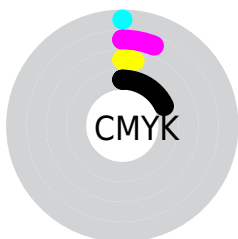
Distribution



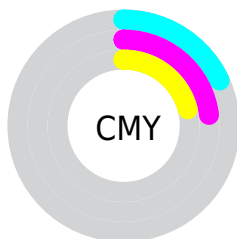
- Red (82%)
- Green (77%)
- Blue (79%)



- Red (82%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2950, 57.1068, 63.3140 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 56.2950, 57.1068, 63.3140 by changing the saturation by 10% instead.

■ 56.2950, 57.1068,
63.3140

■ 56.2950, 57.1068,
63.3140

400.8593,
413.8494, 454.8474

■ 40.6774, 41.0910,
45.6526

98.5731, 100.6210,
111.2123

■ 28.2537, 28.3902,
31.6251

125.9643,
128.8882, 142.2864

■ 18.6584, 18.6200,
20.8129

158.0107,
162.0080, 178.6685

■ 11.5262, 11.3960,
12.7974

195.0778,
200.3647, 220.7770

■ 6.4919, 6.3339,
7.1601

237.5309,
244.3428, 269.0307

■ 3.1899, 3.0491,
3.4825

285.7352,

■ 1.2550, 1.1574,

294.3267, 323.8479

1.3459

340.0562,
350.7008, 385.6473

■ 0.1491, 0.0265,
0.0990

■ 0.0000, 0.0000,
0.0000

■ 56.2950, 57.1068,
63.3140

■ 56.2950, 57.1068,
63.3140

■ 50.5533, 47.8181,
54.6323

■ 62.8033, 67.7465,
72.8092

■ 45.5440, 39.8186,
46.7380

■ 70.1007, 79.7808,
83.1358

■ 41.2376, 33.0529,
39.6086

■ 77.1192, 91.0686,
93.9504

■ 37.6009, 27.4586,
33.2191

■ 78.9575, 91.8040,
103.6308

■ 34.5973, 22.9679,
27.5433

■ 79.8228, 92.1501,
108.1874

■ 32.1872, 19.5058,
22.5526

■ 30.3256, 16.9879,
18.2166

■ 28.9610, 15.3163,
14.5015

■ 28.0300, 14.3699,
11.3686

Harmonies

Analogous

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



55.8212, 57.1068, 66.0880



56.2950, 57.1068, 63.3140



56.2233, 57.1068, 60.3221

Triad

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



56.2950, 57.1068, 63.3140



53.6258, 57.1068, 56.8355



52.9522, 57.1068, 66.6605

Complementary

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



56.2950, 57.1068, 63.3140



56.1025, 61.1609, 65.3513

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.



52.3787, 57.1068, 64.0748



56.2950, 57.1068, 63.3140



52.7641, 57.1068, 58.4284

Square

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



56.2950, 57.1068, 63.3140



54.6730, 57.1068, 56.6467



52.3103, 57.1068, 61.0588



53.8855, 57.1068, 68.0615

Rectangle

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



56.2950, 57.1068, 63.3140



55.8759, 57.1068, 58.6045



52.3103, 57.1068, 61.0588



52.7114, 57.1068, 65.8973

Sweetspot

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



56.2966, 57.1093, 63.3152



92.9691, 96.5989, 105.8610



55.7557, 56.7331, 67.6873



19.9210, 20.7118, 22.6906



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.



56.2966, 57.1093, 63.3152



87.9857, 88.4825, 98.4954



55.9445, 57.3304, 60.3448



12.2571, 12.2895, 13.6990



17.3209, 8.8012, 6.5962



1.0076, 0.5078, 0.5749

Inverse Universe

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



56.2966, 57.1093, 63.3152



87.9857, 88.4825, 98.4954



56.4648, 60.9170, 68.4575



12.2571, 12.2895, 13.6990



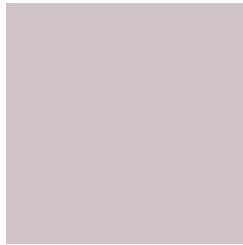
17.3209, 8.8012, 6.5962



1.0076, 0.5078, 0.5749

Previews

White Background



This preview shows how the XYZ color 56.2950, 57.1068, 63.3140 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 56.2950, 57.1068, 63.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

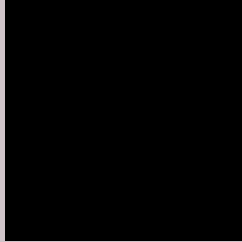
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

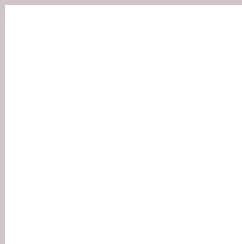
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2950, 57.1068, 63.3140

Background



This preview shows how black text looks on a background with the XYZ color 56.2950, 57.1068, 63.3140.



This preview shows how white text looks on a background with the XYZ color 56.2950, 57.1068,

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

56.2950, 57.1068, 63.3140

Protanopia

55.2119, 57.2090, 64.0096

Deuteranopia

58.3459, 57.1559, 63.8341



Tritanopia

57.4425, 57.2387, 68.9934

Trichromacy



Original Color

56.2950, 57.1068, 63.3140

Protanomaly

55.5288, 57.0341, 63.9591

Deuteranomaly

57.6840, 57.1440, 63.8667

Tritanomaly

57.0721, 57.0905, 67.0430

Monochromacy



Original Color

56.2950, 57.1068, 63.3140

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.4774, 57.7135, 62.8594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2950, 57.1068, 63.3140 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(208, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(208, 196, 201)  
}
```

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(208, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 196, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.2950, 57.1068, 63.3140 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(208, 196, 201) }
```


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

```
.border{ border-color:rgb(208, 196, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 196, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(208, 196,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2950, 57.1068, 63.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 196, 201) }
```

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

```
.background{ background-color: rgb(208,  
196, 201) }
```

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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