

Converting Colors

XYZ(57.3109, 57.5787, 63.1655)

Have a look what the booklet for
XYZ(57.3109, 57.5787, 63.1655)
contains.

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Color

**XYZ(57.4339, 57.6940,
63.3673)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C4C9
RGB	212, 196, 201
RGB Percent	83%, 77%, 79%
CMY	0.1686, 0.2314, 0.2118
CMYK	0.00, 0.08, 0.05, 0.17
HSL	341°, 16%, 80%
HSV	341°, 8%, 83%
XYZ	57.4339, 57.6940, 63.3673
YIQ	201.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

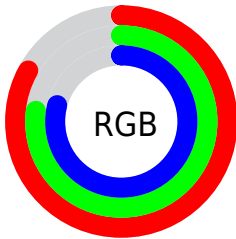
Format	Color
R _Y B	212, 196, 201
Decimal	13944009
CIE Lab	80.57, 6.47, -0.48
CIE LCh	81, 6.489, 355.731
Yxy	57.6940, 0.3218, 0.3232
Android (android.graphics.Color)	4292134089 (0xFFD4C4C9)
YUV	201.3540, -0.1745, 9.3365
Hunter-Lab	75.9566, 2.0472, 3.7065

Details

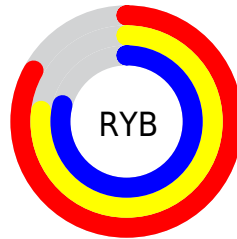
The XYZ color **57.4339, 57.6940, 63.3673** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5731, 63.3291, 68.2239**, and the grayscale version is **55.7360, 58.6386, 63.8574**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **28.8441, 28.6207, 31.6079** is the 20% darker color. If you saturate the color by 10%, you get **51.3517, 48.1445, 53.2768**, and if you desaturate by 10%, it is **64.3579, 68.6650, 74.5429**.

Distribution



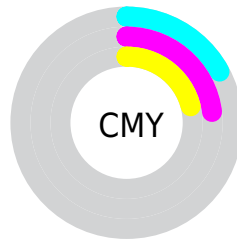
- Red (83%)
- Green (77%)
- Blue (79%)



- Red (83%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (17%)



- Cyan (17%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4339, 57.6940, 63.3673 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 57.4339, 57.6940, 63.3673 by changing the saturation by 10% instead.

■ 57.4339, 57.6940,
63.3673

■ 57.4339, 57.6940,
63.3673

405.0611,
416.0447, 455.0459

■ 41.5952, 41.5627,
45.6955

100.2257,
101.4771, 111.2899

■ 28.9742, 28.7590,
31.6587

127.9096,
129.8977, 142.3778

■ 19.2055, 18.8986,
20.8383

160.2725,
163.1835, 178.7749

■ 11.9237, 11.5970,
12.8157

197.6799,
201.7190, 220.8996

■ 6.7636, 6.4699,
7.1726

240.4971,
245.8884, 269.1705

■ 3.3597, 3.1329,
3.4902

289.0895,

■ 1.3467, 1.2015,

296.0763, 324.0062

1.3500

343.8224,
352.6669, 385.8251

■ 0.2178, 0.0629,
0.1023

■ 0.0000, 0.0000,
0.0000

■ 57.4339, 57.6940,
63.3673

■ 57.4339, 57.6940,
63.3673

■ 51.3517, 48.1445,
53.2768

■ 64.3579, 68.6650,
74.5429

■ 46.0736, 39.9508,
44.2344

■ 72.1495, 81.1047,
86.8315

■ 41.5665, 33.0532,
36.2066

■ 79.3529, 92.0937,
99.7691

■ 37.7928, 27.3845,
29.1566

■ 80.9617, 92.7372,
108.2407

■ 34.7117, 22.8717,
23.0450

■ 32.2784, 19.4337,
17.8297

■ 30.4424, 16.9788,
13.4652

■ 29.1450, 15.4000,
9.9009

■ 28.3072, 14.5498,
7.0770

Harmonies

Analogous

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



56.9833, 57.6940, 67.0462



57.4339, 57.6940, 63.3673



57.1793, 57.6940, 59.6838

Triad

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



57.4339, 57.6940, 63.3673



53.7305, 57.6940, 56.4319



53.4050, 57.6940, 69.0864

Complementary

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



57.4339, 57.6940, 63.3673



57.5731, 63.3291, 68.2239

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.



52.5584, 57.6940, 66.0620



57.4339, 57.6940, 63.3673



52.7442, 57.6940, 58.7733

Square

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



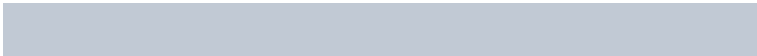
57.4339, 57.6940, 63.3673



55.0275, 57.6940, 55.7754



52.3185, 57.6940, 62.2738



54.6457, 57.6940, 70.4319

Rectangle

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



57.4339, 57.6940, 63.3673



56.6462, 57.6940, 57.7049



52.3185, 57.6940, 62.2738



53.0656, 57.6940, 68.2266

Sweetspot

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



57.4355, 57.6965, 63.3685



92.8850, 96.5652, 105.4181



57.3390, 57.4919, 70.3629



19.9039, 20.7049, 22.6004



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.



57.4355, 57.6965, 63.3685



85.7229, 85.2463, 93.7666



57.5252, 58.8012, 60.5455



12.5814, 12.4841, 13.7361



17.4129, 8.9015, 4.2126



1.0872, 0.5517, 0.4485

Inverse Universe

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



57.4355, 57.6965, 63.3685



85.7229, 85.2463, 93.7666



57.4673, 62.1245, 71.2504



12.5814, 12.4841, 13.7361



17.4129, 8.9015, 4.2126



1.0872, 0.5517, 0.4485

Previews

White Background



This preview shows how the XYZ color 57.4339, 57.6940, 63.3673 looks on a white background.

Color Contrast Check

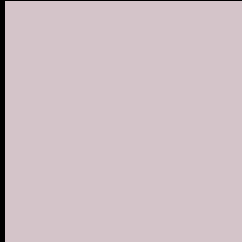
Large Text (above 18pt) WCAG AA × Fail

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 57.4339, 57.6940, 63.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

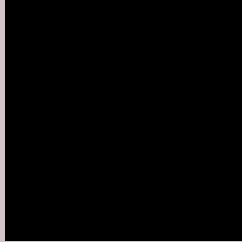
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4339, 57.6940, 63.3673

Background



This preview shows how black text looks on a background with the XYZ color 57.4339, 57.6940, 63.3673.



This preview shows how white text looks on a background with the XYZ color 57.4339, 57.6940,

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

57.4339, 57.6940, 63.3673

Protanopia

55.8315, 57.8552, 64.7244

Deuteranopia

58.7478, 57.7060, 63.3004



Tritanopia

58.5885, 57.8295, 69.0470

Trichromacy



Original Color

57.4339, 57.6940, 63.3673

Protanomaly

56.3084, 57.7742, 64.0609

Deuteranomaly

58.3766, 57.8462, 63.3470

Tritanomaly

58.2182, 57.6813, 67.0967

Monochromacy



Original Color

57.4339, 57.6940, 63.3673

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.1429, 58.0430, 63.5027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4339, 57.6940, 63.3673 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(212, 196, 201) looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 196, 201) }
```

Border

The CSS property to change the border of an element to XYZ 57.4339, 57.6940, 63.3673 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(212, 196, 201) }
```


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

```
.border{ border-color:rgb(212, 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(212, 196, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(212, 196,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4339, 57.6940, 63.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 196, 201) }
```

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

```
.background{ background-color: rgb(212,  
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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