

Converting Colors

XYZ(57.6789, 59.6990, 63.8175)

Have a look what the booklet for
XYZ(57.6789, 59.6990, 63.8175)
contains.

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Color

**XYZ(57.6756, 59.8680,
63.7742)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CAC9
RGB	208, 202, 201
RGB Percent	82%, 79%, 79%
CMY	0.1843, 0.2078, 0.2118
CMYK	0.00, 0.03, 0.03, 0.18
HSL	9°, 7%, 80%
HSV	9°, 3%, 82%
XYZ	57.6756, 59.8680, 63.7742
YIQ	203.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

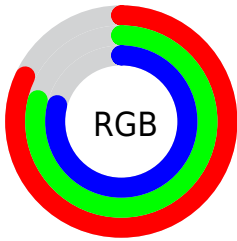
Format	Color
R_{YB}	208, 202, 201
Decimal	13683401
CIE _{Lab}	81.77, 1.90, 1.23
CIE _{LCh}	82, 2.261, 32.839
Yxy	59.8680, 0.3181, 0.3302
Android (android.graphics.Color)	4291873481 (0xFFD0CAC9)
YUV	203.6800, -1.3212, 3.7886
Hunter-Lab	77.3744, -2.3497, 5.2936

Details

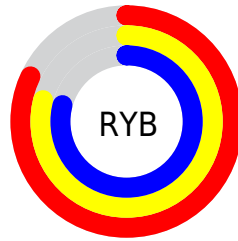
The XYZ color **57.6756, 59.8680, 63.7742** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7854, 61.5965, 68.5191**, and the grayscale version is **57.2003, 60.1792, 65.5352**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1828, 30.1564, 31.8864** is the 20% darker color. If you saturate the color by 10%, you get **51.4509, 51.0722, 50.4338**, and if you desaturate by 10%, it is **64.7179, 69.7670, 79.0233**.

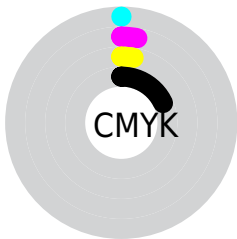
Distribution



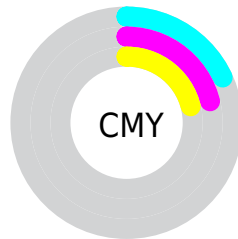
- Red (82%)
- Green (79%)
- Blue (79%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6756, 59.8680, 63.7742 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 57.6756, 59.8680, 63.7742 by changing the saturation by 10% instead.

■ 57.6756, 59.8680,
63.7742

■ 57.6756, 59.8680,
63.7742

405.9494,
424.1111, 456.5588

■ 41.7902, 43.3122,
46.0228

100.5760,
104.6382, 111.8820

■ 29.1274, 30.1302,
31.9150

128.3216,
133.6214, 143.0755

■ 19.3220, 19.9374,
21.0323

160.7514,
167.5158, 179.5868

■ 12.0086, 12.3496,
12.9562

198.2307,
206.7060, 221.8344

■ 6.8217, 6.9822,
7.2680

241.1247,
251.5762, 270.2369

■ 3.3962, 3.4510,
3.5493

289.7990,

■ 1.3666, 1.3715,

302.5108, 325.2127

1.3815

344.6188,
359.8943, 387.1805

■ 0.2322, 0.1956,
0.1272

■ 0.0000, 0.0000,
0.0000

■ 57.6756, 59.8680,
63.7742

■ 57.6756, 59.8680,
63.7742

■ 51.4509, 51.0722,
50.4338

■ 64.7179, 69.7670,
79.0233

■ 46.0090, 43.3338,
38.9230

■ 72.6006, 80.7976,
96.2481

■ 41.3203, 36.6154,
29.1632

■ 79.8228, 92.1501,
108.1874

■ 37.3513, 30.8741,
21.0682

■ 34.0660, 26.0642,
14.5449

■ 31.4251, 22.1363,
9.4906

■ 29.3854, 19.0364,
5.7906

■ 27.8979, 16.7044,
3.3131

■ 26.9060, 15.0718,
1.8994

Harmonies

Analogous

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



57.8223, 59.8680, 65.0562



57.6756, 59.8680, 63.7742



57.3218, 59.8680, 62.8804

Triad

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



57.6756, 59.8680, 63.7742



56.0919, 59.8680, 63.9962



56.9481, 59.8680, 67.8407

Complementary

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



57.6756, 59.8680, 63.7742



57.7854, 61.5965, 68.5191

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.



56.4857, 59.8680, 67.5474



57.6756, 59.8680, 63.7742



55.9930, 59.8680, 65.3161

Square

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



57.6756, 59.8680, 63.7742



56.4076, 59.8680, 63.0073



56.1368, 59.8680, 66.6186



57.4008, 59.8680, 67.4145

Rectangle

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



57.6756, 59.8680, 63.7742



57.0170, 59.8680, 62.6184



56.1368, 59.8680, 66.6186



56.7887, 59.8680, 67.8230

Sweetspot

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



57.6773, 59.8706, 63.7755



93.9492, 98.4510, 106.5211



58.1706, 59.6924, 67.5310



20.1206, 21.0889, 22.8250



0.0000, 0.0000, 0.0000



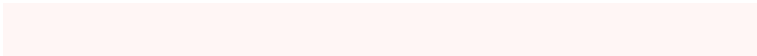
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6773, 59.8706, 63.7755



90.7265, 93.9116, 99.5711



58.4911, 61.4981, 64.0468



12.6046, 13.0113, 13.7325



16.5417, 9.0163, 0.8685



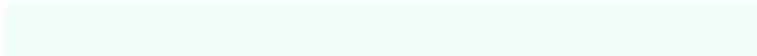
0.9700, 0.5943, 0.0636

Inverse Universe

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



57.7854, 61.5965, 68.5191



90.9317, 97.1871, 108.5741



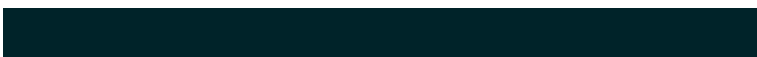
56.9635, 59.9525, 68.2451



12.6379, 13.5421, 15.1914



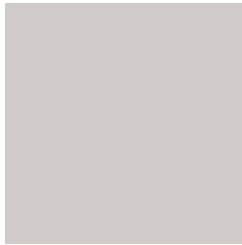
17.0953, 22.8372, 40.6995



0.9963, 1.3579, 2.2892

Previews

White Background



This preview shows how the XYZ color 57.6756, 59.8680, 63.7742 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 57.6756, 59.8680, 63.7742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

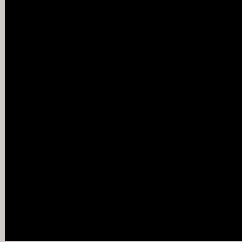
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

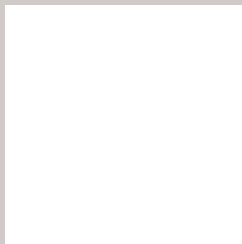
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6756, 59.8680, 63.7742

Background



This preview shows how black text looks on a background with the XYZ color 57.6756, 59.8680, 63.7742.

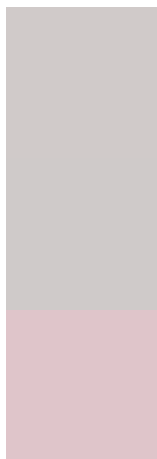


This preview shows how white text looks on a background with the XYZ color 57.6756, 59.8680,

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

57.6756, 59.8680, 63.7742

Protanopia

57.3953, 59.7235, 63.7611

Deuteranopia

61.0583, 59.8847, 64.2179



Tritanopia

59.6273, 59.9681, 73.3980

Trichromacy



Original Color

57.6756, 59.8680, 63.7742

Protanomaly

57.3953, 59.7235, 63.7611

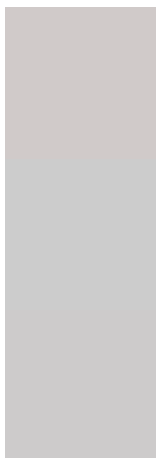
Deuteranomaly

59.9975, 60.0165, 64.2993

Tritanomaly

58.9390, 60.0317, 70.1089

Monochromacy



Original Color

57.6756, 59.8680, 63.7742

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.3123, 60.0028, 65.0609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6756, 59.8680, 63.7742 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, 202, 201) looks like.

```
.text, #text, p{  
    color:rgb(208, 202, 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, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 202, 201) }
```

Border

The CSS property to change the border of an element to XYZ 57.6756, 59.8680, 63.7742 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, 202, 201) }
```


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

```
.border{ border-color:rgb(208, 202, 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, 202, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(208, 202,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6756, 59.8680, 63.7742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 202, 201) }
```

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

```
.background{ background-color: rgb(208,  
202, 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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