

Converting Colors

XYZ(57.8042, 59.7428, 59.9476)

Have a look what the booklet for
XYZ(57.8042, 59.7428, 59.9476)
contains.

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Color

**XYZ(57.8883, 59.7105,
60.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C9C3
RGB	212, 201, 195
RGB Percent	83%, 79%, 76%
CMY	0.1686, 0.2117, 0.2353
CMYK	0.00, 0.05, 0.08, 0.17
HSL	21°, 17%, 80%
HSV	21°, 8%, 83%
XYZ	57.8883, 59.7105, 60.1040
YIQ	203.6050, 8.4820, 0.4660

Conversions

Conversions Part 2

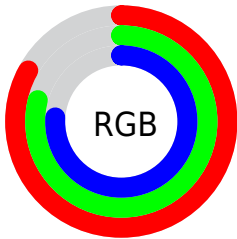
Format	Color
R_{YB}	212, 204, 195
Decimal	13945283
CIE Lab	81.68, 2.79, 4.35
CIE LCh	82, 5.169, 57.345
Yxy	59.7105, 0.3258, 0.3360
Android (android.graphics.Color)	4292135363 (0xFFD4C9C3)
YUV	203.6050, -4.2423, 7.3624
Hunter-Lab	77.2726, -1.5048, 7.9740

Details

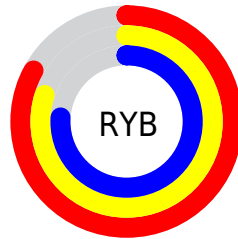
The XYZ color **57.8883, 59.7105, 60.1040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.4604, 60.4969, 70.9891**, and the grayscale version is **57.1688, 60.1460, 65.4990**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.1461, 29.9586, 29.4457** is the 20% darker color. If you saturate the color by 10%, you get **52.6047, 52.7104, 47.3445**, and if you desaturate by 10%, it is **63.8010, 67.4228, 74.7537**.

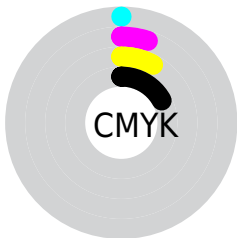
Distribution



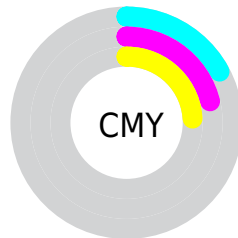
- Red (83%)
- Green (79%)
- Blue (76%)



- Red (83%)
- Yellow (80%)
- Blue (76%)



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



- Cyan (17%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8883, 59.7105, 60.1040 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 57.8883, 59.7105, 60.1040 by changing the saturation by 10% instead.

■ 57.8883, 59.7105,
60.1040

■ 57.8883, 59.7105,
60.1040

406.7302,
423.5299, 442.7963

■ 41.9618, 43.1853,
43.0766

100.8841,
104.4096, 106.5254

■ 29.2623, 30.0306,
29.6134

128.6840,
133.3523, 136.7564

■ 19.4246, 19.8618,
19.2958

161.1725,
167.2030, 172.2258

■ 12.0833, 12.2946,
11.7052

198.7149,
206.3461, 213.3520

■ 6.8731, 6.9447,
6.4232

241.6765,
251.1659, 260.5537

■ 3.4285, 3.4275,
3.0312

290.4226,

■ 1.3842, 1.3588,

302.0469, 314.2492

1.1106

345.3187,
359.3734, 374.8572

■ 0.2449, 0.1861,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8883, 59.7105,
60.1040

■ 57.8883, 59.7105,
60.1040

■ 52.6047, 52.7104,
47.3445

■ 63.8010, 67.4228,
74.7537

■ 47.9235, 46.3940,
36.3937

■ 70.3584, 75.8590,
91.3627

■ 43.8234, 40.7425,
27.1699

■ 76.9963, 84.8066,
106.9189

■ 40.2798, 35.7329,
19.5835

■ 80.9616, 92.7372,
108.2407

■ 37.2662, 31.3412,
13.5368

■ 34.7536, 27.5415,
8.9214

■ 32.7100, 24.3058,
5.6148

■ 31.0986, 21.6034,
3.4733

■ 29.8701, 19.3973,
2.2904

Harmonies

Analogous

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



58.6299, 59.7105, 62.3036



57.8883, 59.7105, 60.1040



56.8499, 59.7105, 59.2166

Triad

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



57.8883, 59.7105, 60.1040



54.6907, 59.7105, 64.7377



57.7185, 59.7105, 70.4778

Complementary

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



57.8883, 59.7105, 60.1040



56.4604, 60.4969, 70.9891

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.



56.6563, 59.7105, 71.1792



57.8883, 59.7105, 60.1040



54.9167, 59.7105, 67.8031

Square

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



57.8883, 59.7105, 60.1040



55.0115, 59.7105, 61.8379



55.6327, 59.7105, 70.1856



58.5310, 59.7105, 68.2982

Rectangle

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



57.8883, 59.7105, 60.1040



56.1322, 59.7105, 59.4667



55.6327, 59.7105, 70.1856



57.3784, 59.7105, 70.8973

Sweetspot

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



57.8900, 59.7131, 60.1053



93.1963, 97.5892, 104.2849



57.8138, 57.4867, 66.4739



19.9673, 20.9134, 22.3696



0.0000, 0.0000, 0.0000



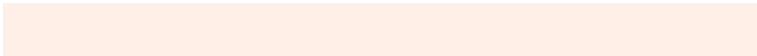
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8900, 59.7131, 60.1053



86.1749, 88.3893, 87.0142



59.9133, 63.7598, 60.7797



12.7785, 13.1312, 13.0218



18.3957, 11.9087, 1.3290



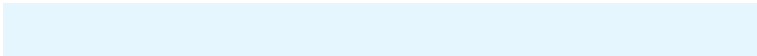
1.1862, 0.8717, 0.1057

Inverse Universe

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



56.4604, 60.4969, 70.9891



83.4768, 89.8682, 107.5543



54.4815, 56.5392, 70.3295



12.4060, 13.3354, 15.8576



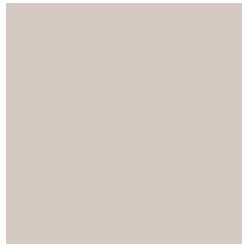
12.9674, 14.1965, 40.5099



0.8587, 1.0094, 2.4689

Previews

White Background



This preview shows how the XYZ color 57.8883, 59.7105, 60.1040 looks on a white background.

Color Contrast Check

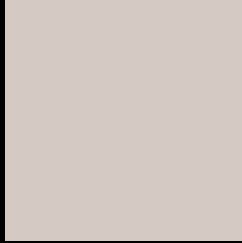
Large Text (above 18pt) WCAG AA × Fail

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 57.8883, 59.7105, 60.1040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

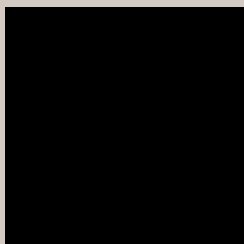
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

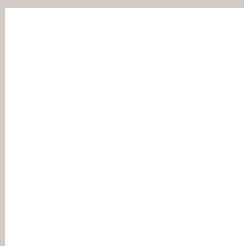
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8883, 59.7105, 60.1040

Background



This preview shows how black text looks on a background with the XYZ color 57.8883, 59.7105, 60.1040.

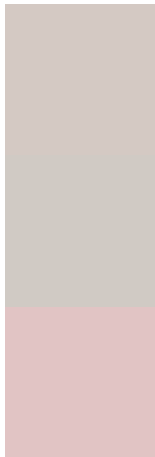


This preview shows how white text looks on a background with the XYZ color 57.8883, 59.7105,

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

57.8883, 59.7105, 60.1040

Protanopia

57.0968, 59.6365, 60.7262

Deuteranopia

60.7551, 59.4729, 60.5018



Tritanopia

60.3560, 59.6903, 71.9586

Trichromacy



Original Color

57.8883, 59.7105, 60.1040

Protanomaly

57.3788, 59.7819, 60.7394

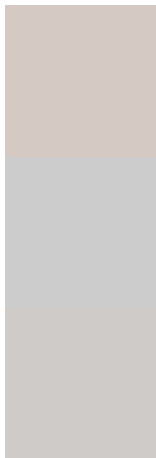
Deuteranomaly

59.6731, 59.5893, 60.5813

Tritanomaly

59.4175, 59.6480, 67.4131

Monochromacy



Original Color

57.8883, 59.7105, 60.1040

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.6307, 60.1943, 63.8395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8883, 59.7105, 60.1040 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, 201, 195) looks like.

```
.text, #text, p{  
    color:rgb(212, 201, 195)  
}
```

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, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 201, 195) }
```

Border

The CSS property to change the border of an element to XYZ 57.8883, 59.7105, 60.1040 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, 201, 195) }
```


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

```
.border{ border-color:rgb(212, 201, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 201, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(212, 201,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8883, 59.7105, 60.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 201, 195) }
```

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

```
.background{ background-color: rgb(212,  
201, 195) }
```

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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