

Converting Colors

XYZ(57.0899, 59.7820, 58.8653)

Have a look what the booklet for
XYZ(57.0899, 59.7820, 58.8653)
contains.

XYZ(57.0407, 59.6466, 58.9587)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.0407, 59.6466,
58.9587)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CAC1
RGB	209, 202, 193
RGB Percent	82%, 79%, 76%
CMY	0.1804, 0.2078, 0.2431
CMYK	0.00, 0.03, 0.08, 0.18
HSL	34°, 15%, 79%
HSV	34°, 8%, 82%
XYZ	57.0407, 59.6466, 58.9587
YIQ	203.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

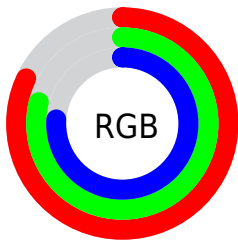
Format	Color
RYB	205, 209, 193
Decimal	13748929
CIELab	81.65, 0.86, 5.34
CIELCh	82, 5.409, 80.847
Yxy	59.6466, 0.3247, 0.3396
Android (android.graphics.Color)	4291939009 (0xFFD1CAC1)
YUV	203.0670, -4.9630, 5.2032
Hunter-Lab	77.2312, -3.3198, 8.7996

Details

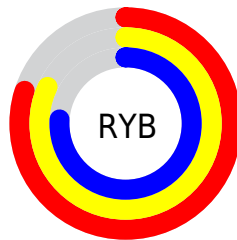
The XYZ color **57.0407, 59.6466, 58.9587** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1553, 57.2487, 68.5182**, and the grayscale version is **56.8353, 59.7951, 65.1169**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **28.8411, 30.0418, 29.0895** is the 20% darker color. If you saturate the color by 10%, you get **52.7913, 54.6186, 46.8409**, and if you desaturate by 10%, it is **61.7500, 65.0657, 72.8569**.

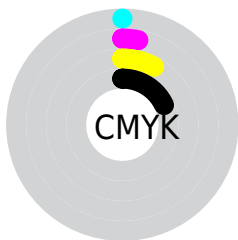
Distribution



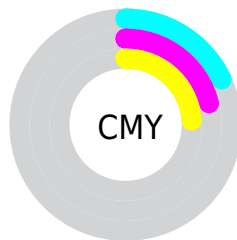
- Red (82%)
- Green (79%)
- Blue (76%)



- Red (80%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0407, 59.6466, 58.9587 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 57.0407, 59.6466, 58.9587 by changing the saturation by 10% instead.

■ 57.0407, 59.6466,
58.9587

■ 57.0407, 59.6466,
58.9587

403.6135,
423.2939, 438.4465

■ 41.2782, 43.1338,
42.1601

■ 99.6556, 104.3168,
104.8462

■ 28.7251, 29.9901,
28.9002

127.2387,
133.2431, 134.7721

■ 19.0162, 19.8311,
18.7604

159.4927,
167.0760, 169.9109

■ 11.7861, 12.2723,
11.3222

196.7829,
206.2000, 210.6811

■ 6.6693, 6.9294,
6.1671

239.4747,
250.9994, 257.5012

■ 3.3007, 3.4180,
2.8765

287.9336,

■ 1.3147, 1.3537,

301.8585, 310.7897

1.0319

342.5247,
359.1619, 370.9653

■ 0.1942, 0.1822,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0407, 59.6466,
58.9587

■ 57.0407, 59.6466,
58.9587

■ 52.7913, 54.6186,
46.8409

■ 61.7500, 65.0657,
72.8569

■ 48.9809, 49.9640,
36.4264

■ 66.9292, 70.8774,
88.6004

■ 45.5942, 45.6750,
27.6383

■ 72.4811, 77.0481,
105.6593

■ 42.6130, 41.7406,
20.3923

■ 75.0831, 82.2520,
106.5267

■ 40.0176, 38.1493,
14.5961

■ 77.8202, 87.7263,
107.4390

■ 37.7863, 34.8884,
10.1478

■ 80.1048, 92.2955,
108.2006

■ 35.8949, 31.9442,
6.9318

■ 34.3151, 29.3013,
4.8127

■ 33.0085, 26.9398,
3.6009

Harmonies

Analogous

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



58.0836, 59.6466, 60.2105



57.0407, 59.6466, 58.9587



55.9180, 59.6466, 59.2688

Triad

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



57.0407, 59.6466, 58.9587



54.6740, 59.6466, 67.1984



58.4043, 59.6466, 68.9782

Complementary

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



57.0407, 59.6466, 58.9587



54.1553, 57.2487, 68.5182

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.



57.4738, 59.6466, 70.9726



57.0407, 59.6466, 58.9587



55.3234, 59.6466, 69.9214

Square

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



57.0407, 59.6466, 58.9587



54.5616, 59.6466, 63.9543



56.3453, 59.6466, 71.3234



58.8778, 59.6466, 65.9458

Rectangle

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



57.0407, 59.6466, 58.9587



55.2747, 59.6466, 60.3238



56.3453, 59.6466, 71.3234



58.1340, 59.6466, 69.7964

Sweetspot

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



57.0424, 59.6492, 58.9600



93.5323, 98.2612, 104.3969



55.8140, 55.8757, 62.6104



20.0357, 21.0503, 22.3924



0.0000, 0.0000, 0.0000



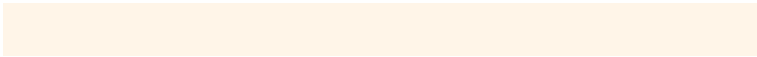
20.3446, 21.4041, 23.3091

Same Dimension

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



57.0424, 59.6492, 58.9600



88.4543, 92.3724, 89.5488



58.4956, 62.8909, 59.5091



12.3527, 12.8961, 12.4502



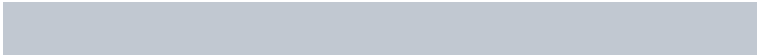
20.2782, 16.4894, 2.1140



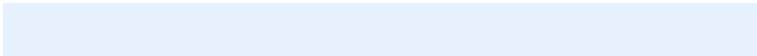
1.2121, 1.0785, 0.1443

Inverse Universe

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



54.1553, 57.2487, 68.5182



83.1225, 87.9393, 107.2007



52.7763, 54.1872, 68.0000



11.5829, 12.2561, 14.9988



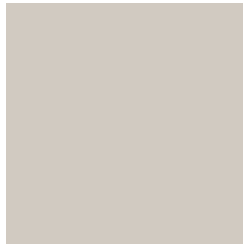
9.5176, 7.6818, 38.1736



0.6105, 0.5862, 2.1605

Previews

White Background



This preview shows how the XYZ color 57.0407, 59.6466, 58.9587 looks on a white background.

Color Contrast Check

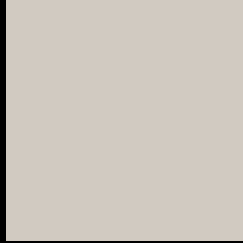
Large Text (above 18pt) WCAG AA × Fail

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 57.0407, 59.6466, 58.9587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

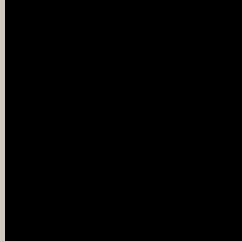
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

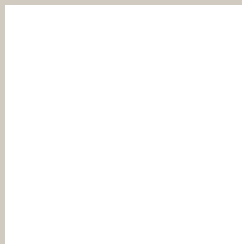
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0407, 59.6466, 58.9587

Background



This preview shows how black text looks on a background with the XYZ color 57.0407, 59.6466, 58.9587.

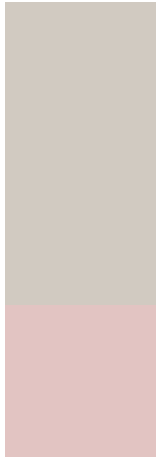


This preview shows how white text looks on a background with the XYZ color 57.0407, 59.6466,

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

57.0407, 59.6466, 58.9587

Protanopia

57.0407, 59.6466, 58.9587

Deuteranopia

60.8416, 59.5436, 59.3253



Tritanopia

59.7124, 59.6989, 71.9942

Trichromacy



Original Color

57.0407, 59.6466, 58.9587

Protanomaly

57.0407, 59.6466, 58.9587

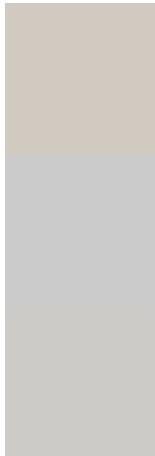
Deuteranomaly

59.4469, 59.4989, 59.3902

Tritanomaly

58.6588, 59.6137, 66.8075

Monochromacy



Original Color

57.0407, 59.6466, 58.9587

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8416, 59.8145, 62.5823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0407, 59.6466, 58.9587 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(209, 202, 193) looks like.

```
.text, #text, p{  
    color:rgb(209, 202, 193)  
}
```

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(209, 202, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 202, 193) }
```

Border

The CSS property to change the border of an element to XYZ 57.0407, 59.6466, 58.9587 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(209, 202, 193) }
```


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

```
.border{ border-color:rgb(209, 202, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 202, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 202, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 202, 193);  
box-shadow:4px 4px 4px 4px rgb(209, 202,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0407, 59.6466, 58.9587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 202, 193) }
```

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

```
.background{ background-color: rgb(209,  
202, 193) }
```

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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