

Converting Colors

XYZ(57.8406, 60.2713, 62.6535)

Have a look what the booklet for
XYZ(57.8406, 60.2713, 62.6535)
contains.

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Color

**XYZ(57.9592, 60.3907,
62.6346)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CBC7
RGB	209, 203, 199
RGB Percent	82%, 80%, 78%
CMY	0.1804, 0.2039, 0.2196
CMYK	0.00, 0.03, 0.05, 0.18
HSL	24°, 10%, 80%
HSV	24°, 5%, 82%
XYZ	57.9592, 60.3907, 62.6346
YIQ	204.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

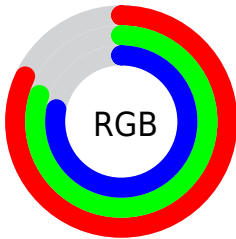
Format	Color
R _Y B	209, 206, 199
Decimal	13749191
CIE Lab	82.05, 1.37, 2.72
CIE LCh	82, 3.043, 63.262
Yxy	60.3907, 0.3202, 0.3337
Android (android.graphics.Color)	4291939271 (0xFFD1CBC7)
YUV	204.3380, -2.6316, 4.0886
Hunter-Lab	77.7115, -2.8652, 6.6109

Details

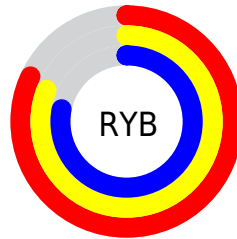
The XYZ color **57.9592, 60.3907, 62.6346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8930, 60.4072, 68.9834**, and the grayscale version is **57.6237, 60.6246, 66.0202**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3758, 30.5078, 31.1284** is the 20% darker color. If you saturate the color by 10%, you get **52.8569, 53.8061, 49.7726**, and if you desaturate by 10%, it is **63.6375, 67.5924, 77.3344**.

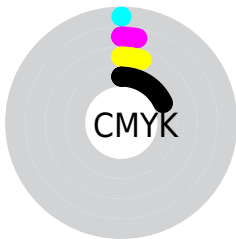
Distribution



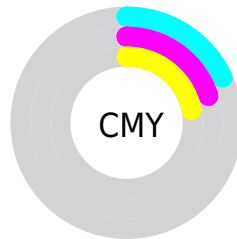
- Red (82%)
- Green (80%)
- Blue (78%)



- Red (82%)
- Yellow (81%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9592, 60.3907, 62.6346 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 57.9592, 60.3907, 62.6346 by changing the saturation by 10% instead.

■ 57.9592, 60.3907,
62.6346

■ 57.9592, 60.3907,
62.6346

406.9902,
426.0364, 452.3135

■ 42.0190, 43.7336,
45.1066

100.9867,
105.3962, 110.2227

■ 29.3073, 30.4612,
31.1978

128.8048,
134.5135, 141.1198

■ 19.4589, 20.1889,
20.4898

161.3128,
168.5529, 177.3103

■ 12.1083, 12.5324,
12.5640

198.8762,
207.8988, 219.2128

■ 6.8902, 7.1074,
7.0018

241.8603,
252.9358, 267.2459

■ 3.4392, 3.5293,
3.3848

290.6304,

■ 1.3901, 1.4139,

304.0481, 321.8280

1.2943

345.5519,
361.6202, 383.3777

■ 0.2491, 0.2270,
0.0571

■ 0.0000, 0.0000,
0.0000

■ 57.9592, 60.3907,
62.6346

■ 57.9592, 60.3907,
62.6346

■ 52.8569, 53.8061,
49.7726

■ 63.6375, 67.5924,
77.3344

■ 48.3064, 47.8140,
38.6714

■ 69.9048, 75.4194,
93.9368

■ 44.2892, 42.3996,
29.2546

■ 75.6822, 83.4502,
106.7264

■ 40.7835, 37.5447,
21.4382

■ 79.5122, 91.1102,
108.0030

■ 37.7663, 33.2297,
15.1314

■ 80.1048, 92.2955,
108.2006

■ 35.2122, 29.4341,
10.2337

■ 33.0933, 26.1353,
6.6326

■ 31.3781, 23.3092,
4.1977

■ 30.0291, 20.9283,
2.7705

Harmonies

Analogous

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



58.4426, 60.3907, 63.8267



57.9592, 60.3907, 62.6346



57.3290, 60.3907, 62.2733

Triad

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



57.9592, 60.3907, 62.6346



56.1705, 60.3907, 65.9575



58.0823, 60.3907, 68.7694

Complementary

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



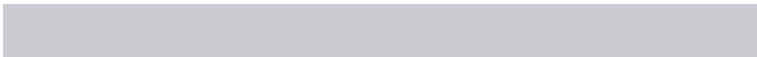
57.9592, 60.3907, 62.6346



56.8930, 60.4072, 68.9834

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.



57.4701, 60.3907, 69.3646



57.9592, 60.3907, 62.6346



56.3690, 60.3907, 67.7221

Square

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



57.9592, 60.3907, 62.6346



56.2993, 60.3907, 64.1705



56.8435, 60.3907, 68.9778



58.5140, 60.3907, 67.3658

Rectangle

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



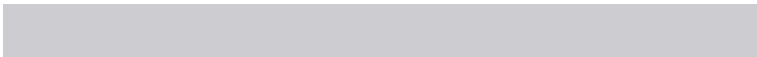
57.9592, 60.3907, 62.6346



56.9112, 60.3907, 62.5465



56.8435, 60.3907, 68.9778



57.8906, 60.3907, 69.0718

Sweetspot

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



57.9609, 60.3933, 62.6359



94.1563, 98.8651, 106.5901



57.7381, 58.8108, 66.0668



20.1627, 21.1732, 22.8390



0.0000, 0.0000, 0.0000



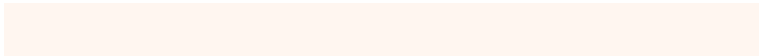
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9609, 60.3933, 62.6359



89.8265, 93.3391, 95.4865



59.1599, 62.7913, 63.0356



12.5142, 12.9889, 13.2135



18.2425, 12.4180, 1.4354



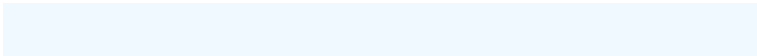
1.0968, 0.8479, 0.1059

Inverse Universe

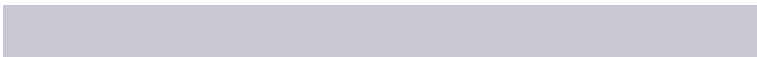
The Inverse Universe completely reimagines the original color for something new.



56.8930, 60.4072, 68.9834



87.7202, 93.3664, 108.0059



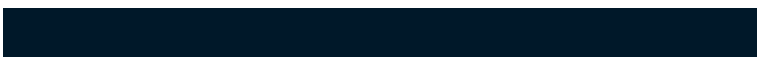
55.7169, 58.0550, 68.5914



12.1953, 12.9930, 15.1088



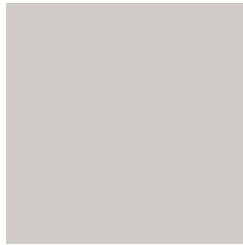
11.7414, 12.1293, 38.9148



0.7330, 0.8313, 2.2014

Previews

White Background



This preview shows how the XYZ color 57.9592, 60.3907, 62.6346 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 57.9592, 60.3907, 62.6346 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 57.9592, 60.3907, 62.6346

Background



This preview shows how black text looks on a background with the XYZ color 57.9592, 60.3907, 62.6346.

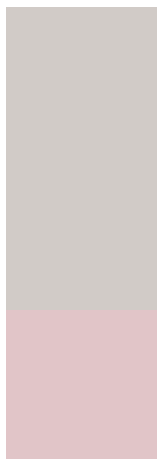


This preview shows how white text looks on a background with the XYZ color 57.9592, 60.3907,

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

57.9592, 60.3907, 62.6346

Protanopia

57.9592, 60.3907, 62.6346

Deuteranopia

61.4429, 60.1102, 63.0076



Tritanopia

60.2003, 60.2635, 73.4249

Trichromacy



Original Color

57.9592, 60.3907, 62.6346

Protanomaly

57.9592, 60.3907, 62.6346

Deuteranomaly

60.0622, 60.0770, 63.0740

Tritanomaly

59.3835, 60.2753, 69.4772

Monochromacy



Original Color

57.9592, 60.3907, 62.6346

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.7071, 60.5718, 64.5272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9592, 60.3907, 62.6346 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, 203, 199) looks like.

```
.text, #text, p{  
    color:rgb(209, 203, 199)  
}
```

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, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 203, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.9592, 60.3907, 62.6346 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, 203, 199) }
```


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

```
.border{ border-color:rgb(209, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 203, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 203, 199); box-shadow:4px 4px 4px 4px rgb(209, 203, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9592, 60.3907, 62.6346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 203, 199) }
```

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

```
.background{ background-color: rgb(209,  
203, 199) }
```

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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