

Converting Colors

XYZ(57.6390, 60.3928, 64.6231)

Have a look what the booklet for
XYZ(57.6390, 60.3928, 64.6231)
contains.

XYZ(57.7071, 60.5718, 64.5272)	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(57.7071, 60.5718,
64.5272)**

Conversions

Conversions Part 1

Format	Color
Hex	CECCCA
RGB	206, 204, 202
RGB Percent	81%, 80%, 79%
CMY	0.1922, 0.2000, 0.2078
CMYK	0.00, 0.01, 0.02, 0.19
HSL	30°, 4%, 80%
HSV	30°, 2%, 81%
XYZ	57.7071, 60.5718, 64.5272
YIQ	204.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

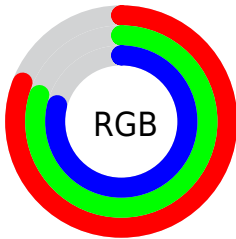
Format	Color
RYB	206, 206, 202
Decimal	13552842
CIELab	82.15, 0.33, 1.23
CIElCh	82, 1.272, 74.893
Yxy	60.5718, 0.3157, 0.3313
Android (android.graphics.Color)	4291742922 (0xFFCECCCA)
YUV	204.3700, -1.1684, 1.4295
Hunter-Lab	77.8279, -3.8463, 5.3221

Details

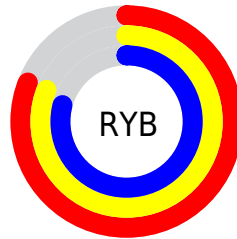
The XYZ color **57.7071, 60.5718, 64.5272** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0906, 60.1977, 67.0035**, and the grayscale version is **57.6363, 60.6379, 66.0347**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2005, 30.6262, 32.3894** is the 20% darker color. If you saturate the color by 10%, you get **53.0660, 54.9354, 51.7390**, and if you desaturate by 10%, it is **62.8386, 66.6663, 79.0867**.

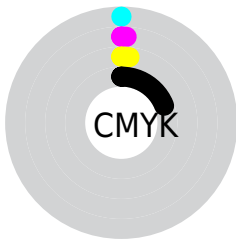
Distribution



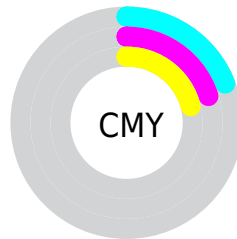
- Red (81%)
- Green (80%)
- Blue (79%)



- Red (81%)
- Yellow (81%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7071, 60.5718, 64.5272 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 57.7071, 60.5718, 64.5272 by changing the saturation by 10% instead.

■ 57.7071, 60.5718,
64.5272

■ 57.7071, 60.5718,
64.5272

406.0651,
426.7022, 459.3506

■ 41.8156, 43.8797,
46.6289

100.6216,
105.6587, 112.9766

■ 29.1474, 30.5759,
32.3901

128.3753,
134.8223, 144.3648

■ 19.3372, 20.2762,
21.3924

160.8138,
168.9118, 181.0867

■ 12.0196, 12.5959,
13.2171

198.3024,
208.3116, 223.5608

■ 6.8293, 7.1509,
7.4457

241.2065,
253.4062, 272.2057

■ 3.4010, 3.5567,
3.6597

289.8914,

■ 1.3692, 1.4288,

304.5799, 327.4400

1.4406

344.7225,
362.2171, 389.6821

■ 0.2341, 0.2378,
0.1731

■ 0.0000, 0.0000,
0.0000

■ 57.7071, 60.5718,
64.5272

■ 57.7071, 60.5718,
64.5272

■ 53.0660, 54.9354,
51.7390

■ 62.8386, 66.6663,
79.0867

■ 48.8944, 49.7381,
40.6498

■ 68.4704, 73.2219,
95.4783

■ 45.1770, 44.9705,
31.1879

■ 73.1688, 79.6718,
106.1295

■ 41.8959, 40.6203,
23.2750

■ 76.1955, 85.7251,
107.1384

■ 39.0319, 36.6744,
16.8263

■ 79.2639, 91.8620,
108.1612

■ 36.5639, 33.1187,
11.7487

■ 34.4689, 29.9381,
7.9384

■ 32.7206, 27.1160,
5.2762

■ 31.2884, 24.6340,
3.6198

Harmonies

Analogous

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



57.9403, 60.5718, 64.9085



57.7071, 60.5718, 64.5272



57.4383, 60.5718, 64.5258

Triad

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



57.7071, 60.5718, 64.5272



57.0714, 60.5718, 66.3353



57.9389, 60.5718, 67.0114

Complementary

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



57.7071, 60.5718, 64.5272



57.0906, 60.1977, 67.0035

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.



57.7052, 60.5718, 67.3999



57.7071, 60.5718, 64.5272



57.2046, 60.5718, 67.0075

Square

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



57.7071, 60.5718, 64.5272



57.0719, 60.5718, 65.5656



57.4365, 60.5718, 67.3984



58.0744, 60.5718, 66.3407

Rectangle

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



57.7071, 60.5718, 64.5272



57.2752, 60.5718, 64.7403



57.4365, 60.5718, 67.3984



57.8692, 60.5718, 67.1796

Sweetspot

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



57.7088, 60.5744, 64.5285



94.2374, 99.0275, 106.6172



57.4740, 59.7234, 65.6261



20.1793, 21.2062, 22.8445



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.



57.7088, 60.5744, 64.5285



93.4330, 98.0626, 104.3638



58.1863, 61.5295, 64.6877



12.4297, 13.0479, 13.9098



18.7689, 14.2707, 1.7653



1.0442, 0.8880, 0.1164

Inverse Universe

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



57.0906, 60.1977, 67.0035



92.3889, 97.4264, 108.5435



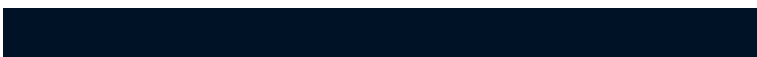
56.6191, 59.2548, 66.8464



12.3009, 12.9695, 14.4254



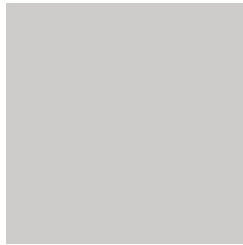
9.9321, 8.8882, 37.1484



0.5883, 0.6104, 1.9417

Previews

White Background



This preview shows how the XYZ color 57.7071, 60.5718, 64.5272 looks on a white background.

Color Contrast Check

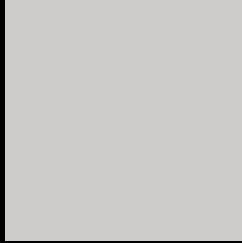
Large Text (above 18pt) WCAG AA × Fail

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 57.7071, 60.5718, 64.5272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

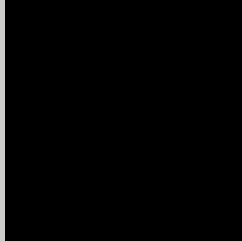
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

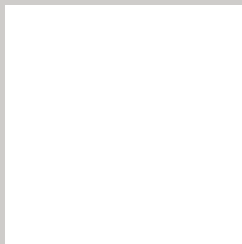
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7071, 60.5718, 64.5272

Background



This preview shows how black text looks on a background with the XYZ color 57.7071, 60.5718, 64.5272.

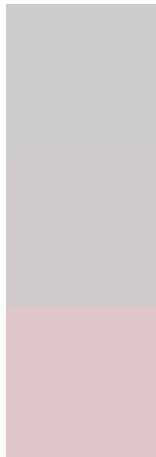


This preview shows how white text looks on a background with the XYZ color 57.7071, 60.5718,

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

57.7071, 60.5718, 64.5272

Protanopia

58.0290, 60.3860, 64.4743

Deuteranopia

61.7140, 60.5473, 64.9340



Tritanopia

59.7878, 60.7129, 74.8973

Trichromacy



Original Color

57.7071, 60.5718, 64.5272

Protanomaly

57.7487, 60.2415, 64.4612

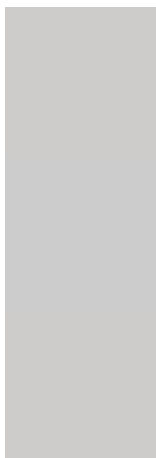
Deuteranomaly

60.0490, 60.3721, 64.9880

Tritanomaly

58.9717, 60.7307, 70.9014

Monochromacy



Original Color

57.7071, 60.5718, 64.5272

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.5492, 60.4767, 65.1399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7071, 60.5718, 64.5272 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(206, 204, 202) looks like.

```
.text, #text, p{  
    color:rgb(206, 204, 202)  
}
```

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(206, 204, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 204, 202) }
```

Border

The CSS property to change the border of an element to XYZ 57.7071, 60.5718, 64.5272 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(206, 204, 202) }
```


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

```
.border{ border-color:rgb(206, 204, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 204, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 204, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 204, 202);  
box-shadow:4px 4px 4px 4px rgb(206, 204,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7071, 60.5718, 64.5272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 204, 202) }
```

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

```
.background{ background-color: rgb(206,  
204, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor