

Converting Colors

XYZ(57.5011, 60.1707, 64.4911)

Have a look what the booklet for
XYZ(57.5011, 60.1707, 64.4911)
contains.

XYZ(57.4702, 60.0980, 64.4482)	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(57.4702, 60.0980,
64.4482)**

Conversions

Conversions Part 1

Format	Color
Hex	CECBCA
RGB	206, 203, 202
RGB Percent	81%, 80%, 79%
CMY	0.1922, 0.2039, 0.2078
CMYK	0.00, 0.01, 0.02, 0.19
HSL	15°, 4%, 80%
HSV	15°, 2%, 81%
XYZ	57.4702, 60.0980, 64.4482
YIQ	203.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

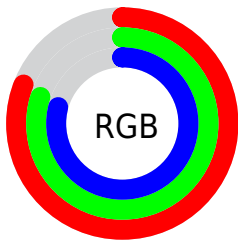
Format	Color
RYB	206, 203, 202
Decimal	13552586
CIELab	81.89, 0.86, 0.85
CIELCh	82, 1.210, 44.892
Yxy	60.0980, 0.3157, 0.3302
Android (android.graphics.Color)	4291742666 (0xFFCECBCA)
YUV	203.7830, -0.8790, 1.9443
Hunter-Lab	77.5229, -3.3373, 4.9756

Details

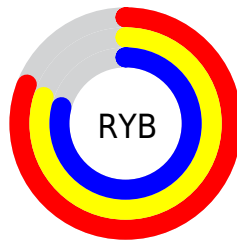
The XYZ color **57.4702, 60.0980, 64.4482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3290, 60.6745, 67.0830**, and the grayscale version is **57.2634, 60.2456, 65.6074**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.0416, 30.3084, 32.3364** is the 20% darker color. If you saturate the color by 10%, you get **51.7280, 52.2595, 51.2930**, and if you desaturate by 10%, it is **63.9041, 68.7975, 79.4419**.

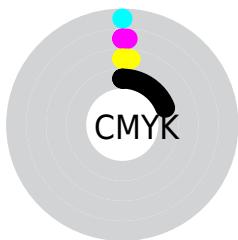
Distribution



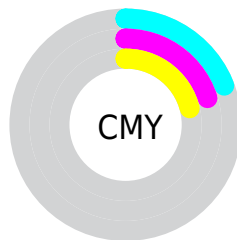
- Red (81%)
- Green (80%)
- Blue (79%)



- Red (81%)
- Yellow (80%)
- 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 57.4702, 60.0980, 64.4482 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 57.4702, 60.0980, 64.4482 by changing the saturation by 10% instead.

■ 57.4702, 60.0980,
64.4482

■ 57.4702, 60.0980,
64.4482

405.1946,
424.9589, 459.0582

■ 41.6245, 43.4976,
46.5653

100.2784,
104.9718, 112.8618

■ 28.9972, 30.2758,
32.3402

127.9715,
134.0141, 144.2296

■ 19.2230, 20.0480,
21.3545

160.3445,
167.9724, 180.9295

■ 11.9365, 12.4299,
13.1896

197.7627,
207.2311, 223.3799

■ 6.7723, 7.0372,
7.4270

240.5914,
252.1748, 271.9994

■ 3.3652, 3.4854,
3.6481

289.1961,

■ 1.3497, 1.3901,

303.1877, 327.2066

1.4343

343.9421,
360.6543, 389.4200

■ 0.2199, 0.2094,
0.1683

■ 0.0000, 0.0000,
0.0000

■ 57.4702, 60.0980,
64.4482

■ 57.4702, 60.0980,
64.4482

■ 51.7280, 52.2595,
51.2930

■ 63.9041, 68.7975,
79.4419

■ 46.6492, 45.2478,
39.9014

■ 71.0470, 78.3751,
96.3371

■ 42.2108, 39.0381,
30.1991

■ 77.4717, 88.2776,
107.5638

■ 38.3864, 33.6013,
22.1051

■ 79.2639, 91.8620,
108.1612

■ 35.1479, 28.9064,
15.5316

■ 32.4648, 24.9205,
10.3823

■ 30.3038, 21.6079,
6.5500

■ 28.6274, 18.9296,
3.9118

■ 27.3926, 16.8424,
2.3212

Harmonies

Analogous

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



57.5976, 60.0980, 65.0755



57.4702, 60.0980, 64.4482



57.2495, 60.0980, 64.0871

Triad

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



57.4702, 60.0980, 64.4482



56.6482, 60.0980, 65.0704



57.2477, 60.0980, 66.8061

Complementary

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



57.4702, 60.0980, 64.4482



57.3290, 60.6745, 67.0830

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.



56.9934, 60.0980, 66.8047



57.4702, 60.0980, 64.4482



56.6477, 60.0980, 65.7989

Square

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



57.4702, 60.0980, 64.4482



56.7752, 60.0980, 64.4445



56.7739, 60.0980, 66.4349



57.4689, 60.0980, 66.4386

Rectangle

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



57.4702, 60.0980, 64.4482



57.0794, 60.0980, 64.0442



56.7739, 60.0980, 66.4349



57.1633, 60.0980, 66.8488

Sweetspot

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



57.4719, 60.1006, 64.4495



94.0358, 98.6242, 106.5499



57.5944, 59.7716, 66.2599



20.1382, 21.1241, 22.8308



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.



57.4719, 60.1006, 64.4495



93.0330, 97.2626, 104.2305



57.9464, 61.0495, 64.6077



12.3804, 12.9492, 13.8934



16.4871, 9.7071, 1.0047



0.9128, 0.6252, 0.0726

Inverse Universe

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



57.3290, 60.6745, 67.0830



92.7916, 98.2317, 108.6777



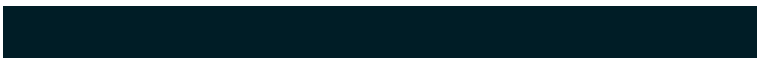
56.8545, 59.7256, 66.9249



12.3506, 13.0688, 14.4420



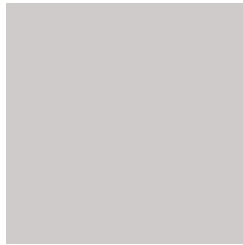
14.0875, 17.1989, 38.5335



0.7848, 1.0033, 2.0072

Previews

White Background



This preview shows how the XYZ color 57.4702, 60.0980, 64.4482 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 57.4702, 60.0980, 64.4482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

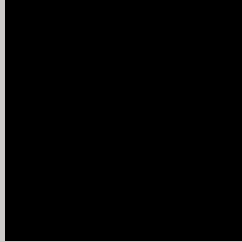
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

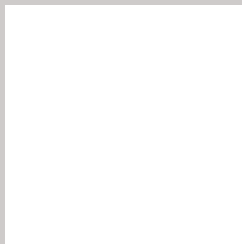
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4702, 60.0980, 64.4482

Background



This preview shows how black text looks on a background with the XYZ color 57.4702, 60.0980, 64.4482.

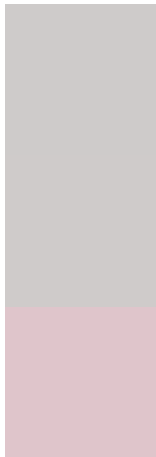


This preview shows how white text looks on a background with the XYZ color 57.4702, 60.0980,

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

57.4702, 60.0980, 64.4482

Protanopia

57.7487, 60.2415, 64.4612

Deuteranopia

61.1772, 59.9323, 64.8436



Tritanopia

59.4235, 60.1929, 74.1321

Trichromacy



Original Color

57.4702, 60.0980, 64.4482

Protanomaly

57.7487, 60.2415, 64.4612

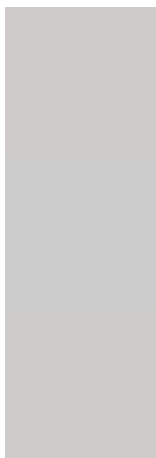
Deuteranomaly

59.8182, 59.9104, 64.9110

Tritanomaly

58.7363, 60.2599, 70.8229

Monochromacy



Original Color

57.4702, 60.0980, 64.4482

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 57.4702, 60.0980, 64.4482 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, 203, 202) looks like.

```
.text, #text, p{  
    color:rgb(206, 203, 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, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 203, 202) }
```

Border

The CSS property to change the border of an element to XYZ 57.4702, 60.0980, 64.4482 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, 203, 202) }
```


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

```
.border{ border-color:rgb(206, 203, 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, 203, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(206, 203,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4702, 60.0980, 64.4482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 203, 202) }
```

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

```
.background{ background-color: rgb(206,  
203, 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