

Converting Colors

XYZ(61.5007, 64.7437, 68.5545)

Have a look what the booklet for
XYZ(61.5007, 64.7437, 68.5545)
contains.

XYZ(61.4605, 64.5952, 68.2603)	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(61.4605, 64.5952,
68.2603)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D2CF
RGB	212, 210, 207
RGB Percent	83%, 82%, 81%
CMY	0.1686, 0.1765, 0.1882
CMYK	0.00, 0.01, 0.02, 0.17
HSL	36°, 5%, 82%
HSV	36°, 2%, 83%
XYZ	61.4605, 64.5952, 68.2603
YIQ	210.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

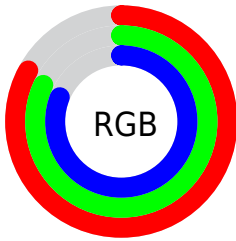
Format	Color
R _Y B	210, 212, 207
Decimal	13947599
CIE Lab	84.27, 0.15, 1.72
CIE LCh	84, 1.722, 84.944
Yxy	64.5952, 0.3163, 0.3324
Android (android.graphics.Color)	4292137679 (0xFFD4D2CF)
YUV	210.2560, -1.6052, 1.5295
Hunter-Lab	80.3711, -4.1490, 5.9040

Details

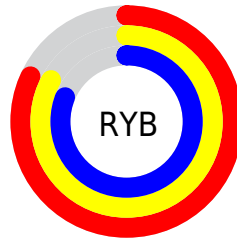
The XYZ color **61.4605, 64.5952, 68.2603** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4164, 63.6192, 71.3838**, and the grayscale version is **61.4375, 64.6370, 70.3897**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5429, 33.2449, 34.8914** is the 20% darker color. If you saturate the color by 10%, you get **57.0063, 59.5593, 54.8353**, and if you desaturate by 10%, it is **66.3770, 69.9971, 83.5580**.

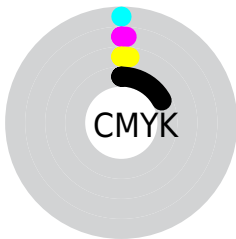
Distribution



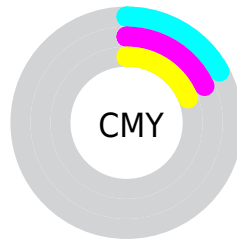
- Red (83%)
- Green (82%)
- Blue (81%)



- Red (82%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4605, 64.5952, 68.2603 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 61.4605, 64.5952, 68.2603 by changing the saturation by 10% instead.

■ 61.4605, 64.5952,
68.2603

■ 61.4605, 64.5952,
68.2603

419.7094,
441.3359, 473.0408

■ 44.8509, 47.1329,
49.6415

106.0398,
111.4677, 118.3822

■ 31.5407, 33.1407,
34.7595

134.7401,
141.6467, 150.7224

■ 21.1648, 22.2343,
23.1956

168.2014,
176.8333, 188.4734

■ 13.3577, 14.0292,
14.5313

206.7890,
217.4121, 232.0539

■ 7.7540, 8.1409,
8.3482

250.8682,
263.7673, 281.8823

■ 3.9884, 4.1853,
4.2276

300.8045,

■ 1.6956, 1.7777,

316.2834, 338.3773

1.7510

356.9631,
375.3448, 401.9572

■ 0.4535, 0.4732,
0.3953

■ 0.0000, 0.0000,
0.0000

■ 61.4605, 64.5952,
68.2603

■ 61.4605, 64.5952,
68.2603

■ 57.0063, 59.5593,
54.8353

■ 66.3770, 69.9971,
83.5580

■ 52.9934, 54.8720,
43.2056

■ 71.7651, 75.7651,
100.7932

■ 49.4074, 50.5269,
33.2948

■ 75.0252, 80.8641,
106.2618

■ 46.2305, 46.5141,
25.0192

■ 77.5125, 85.8387,
107.0909

■ 43.4440, 42.8232,
18.2881

■ 80.1168, 91.0471,
107.9590

■ 41.0270, 39.4427,
13.0017

■ 80.9618, 92.7373,
108.2407

■ 38.9567, 36.3606,
9.0486

■ 37.2069, 33.5631,
6.3007

■ 35.7465, 31.0345,
4.6043

Harmonies

Analogous

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



61.8183, 64.5952, 68.6267



61.4605, 64.5952, 68.2603



61.0868, 64.5952, 68.4446

Triad

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



61.4605, 64.5952, 68.2603



60.7328, 64.5952, 71.2233



61.9985, 64.5952, 71.5473

Complementary

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



61.4605, 64.5952, 68.2603



60.4164, 63.6192, 71.3838

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.



61.7058, 64.5952, 72.2562



61.4605, 64.5952, 68.2603



60.9752, 64.5952, 72.0678

Square

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



61.4605, 64.5952, 68.2603



60.6677, 64.5952, 70.1481



61.3311, 64.5952, 72.4476



62.1297, 64.5952, 70.5186

Rectangle

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



61.4605, 64.5952, 68.2603



60.8788, 64.5952, 68.8560



61.3311, 64.5952, 72.4476



61.9157, 64.5952, 71.8313

Sweetspot

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



61.4623, 64.5980, 68.2617



94.3181, 99.1889, 106.6441



60.9738, 63.2272, 69.3130



20.1957, 21.2391, 22.8500



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.



61.4623, 64.5980, 68.2617



92.8758, 97.5835, 102.2195



61.8144, 65.5159, 68.4203



13.6057, 14.2902, 14.8248



21.5752, 18.2676, 2.3889



1.3813, 1.2617, 0.1707

Inverse Universe

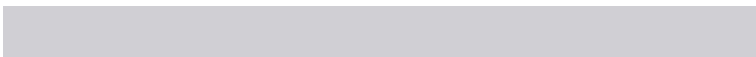
The Inverse Universe completely reimagines the original color for something new.



60.4164, 63.6192, 71.3838



90.8428, 95.6809, 108.2881



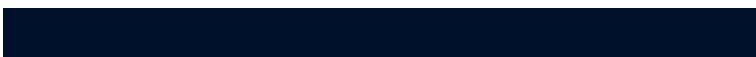
60.0695, 62.7177, 71.2281



13.2350, 13.9433, 15.9313



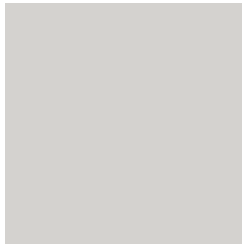
9.4170, 7.0958, 39.3265



0.6478, 0.5876, 2.3986

Previews

White Background



This preview shows how the XYZ color 61.4605, 64.5952, 68.2603 looks on a white background.

Color Contrast Check

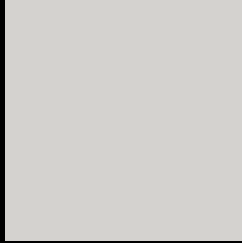
Large Text (above 18pt) WCAG AA × Fail

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 61.4605, 64.5952, 68.2603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

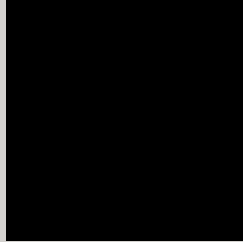
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

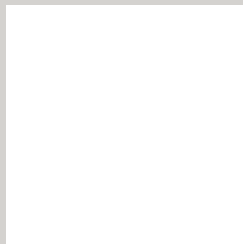
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.4605, 64.5952, 68.2603

Background



This preview shows how black text looks on a background with the XYZ color 61.4605, 64.5952, 68.2603.

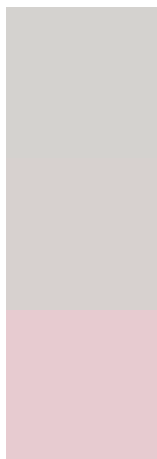


This preview shows how white text looks on a background with the XYZ color 61.4605, 64.5952,

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

61.4605, 64.5952, 68.2603

Protanopia

62.0873, 64.5530, 68.2191

Deuteranopia

65.6961, 64.2549, 68.6144



Tritanopia

63.7917, 64.4545, 79.5998

Trichromacy



Original Color

61.4605, 64.5952, 68.2603

Protanomaly

61.7945, 64.4021, 68.2054

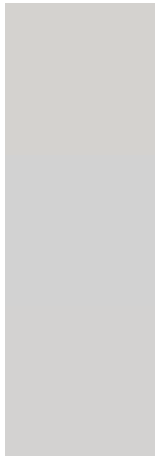
Deuteranomaly

64.1969, 64.5440, 68.7492

Tritanomaly

62.9423, 64.4698, 75.4562

Monochromacy



Original Color

61.4605, 64.5952, 68.2603

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.4192, 64.5455, 69.5430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4605, 64.5952, 68.2603 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, 210, 207) looks like.

```
.text, #text, p{  
    color:rgb(212, 210, 207)  
}
```

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, 210, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 210, 207) }
```

Border

The CSS property to change the border of an element to XYZ 61.4605, 64.5952, 68.2603 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, 210, 207) }
```


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

```
.border{ border-color:rgb(212, 210, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 210, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 210, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 210, 207);  
box-shadow:4px 4px 4px 4px rgb(212, 210,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4605, 64.5952, 68.2603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 210, 207) }
```

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

```
.background{ background-color: rgb(212,  
210, 207) }
```

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