

# Converting Colors

XYZ(61.3843, 64.9233, 67.2441)

Have a look what the booklet for  
XYZ(61.3843, 64.9233, 67.2441)  
contains.

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# Color

**XYZ(61.4651, 64.9934,  
67.0630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4D3CD
RGB	212, 211, 205
RGB Percent	83%, 83%, 80%
CMY	0.1686, 0.1725, 0.1961
CMYK	0.00, 0.00, 0.03, 0.17
HSL	51°, 8%, 82%
HSV	51°, 3%, 83%
XYZ	61.4651, 64.9934, 67.0630
YIQ	210.6150, 2.5220, -1.6540

# Conversions

## Conversions Part 2

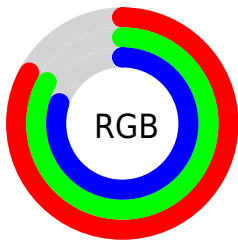
Format	Color
R <sub>Y</sub> B	206, 212, 205
Decimal	13947853
CIE Lab	84.48, -0.72, 3.08
CIE LCh	84, 3.161, 103.238
Yxy	64.9934, 0.3176, 0.3358
Android (android.graphics.Color)	4292137933 (0xFFD4D3CD)
YUV	210.6150, -2.7682, 1.2146
Hunter-Lab	80.6185, -4.9905, 7.1122

# Details

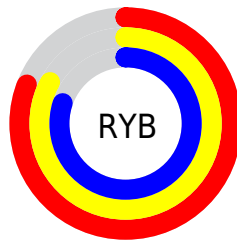
The XYZ color **61.4651, 64.9934, 67.0630** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1318, 61.8743, 71.1145**, and the grayscale version is **61.6810, 64.8932, 70.6687**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5475, 33.5164, 34.0847** is the 20% darker color. If you saturate the color by 10%, you get **58.3358, 62.5558, 54.2382**, and if you desaturate by 10%, it is **64.9590, 67.6035, 81.7217**.

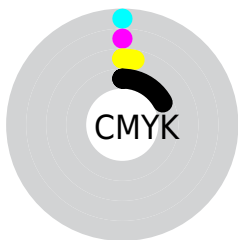
# Distribution



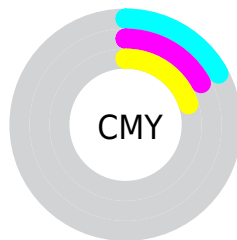
- Red (83%)
- Green (83%)
- Blue (80%)



- Red (81%)
- Yellow (83%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4651, 64.9934, 67.0630 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 61.4651, 64.9934, 67.0630 by changing the saturation by 10% instead.



■ 61.4651, 64.9934,  
67.0630

■ 61.4651, 64.9934,  
67.0630

419.7260,  
442.7683, 468.6766

■ 44.8546, 47.4557,  
48.6739

106.0464,  
112.0404, 116.6522

■ 31.5437, 33.3961,  
33.9971

134.7479,  
142.3185, 148.6894

■ 21.1671, 22.4300,  
22.6140

168.2104,  
177.6121, 186.1130

■ 13.3593, 14.1732,  
14.1062

206.7993,  
218.3058, 229.3416

■ 7.7551, 8.2412,  
8.0549

250.8800,  
264.7839, 278.7937

■ 3.9892, 4.2497,  
4.0418

300.8177,

■ 1.6960, 1.8142,

317.4307, 334.8879

1.6483

356.9779,  
376.6307, 398.0427

■ 0.4538, 0.4960,  
0.3250

■ 0.0000, 0.0000,  
0.0000

■ 61.4651, 64.9934,  
67.0630

■ 61.4651, 64.9934,  
67.0630

■ 58.3358, 62.5558,  
54.2382

■ 64.9590, 67.6035,  
81.7217

■ 55.5516, 60.2766,  
43.1700

■ 68.8250, 70.3829,  
98.2789

■ 53.0995, 58.1525,  
33.7820

■ 70.8093, 72.4325,  
104.8566

■ 50.9635, 56.1770,  
25.9905

■ 71.6085, 74.0308,  
105.1229

■ 49.1263, 54.3430,  
19.7046

■ 72.4220, 75.6578,  
105.3941

■ 47.5689, 52.6428,  
14.8242

■ 73.2500, 77.3137,  
105.6701

■ 46.2698, 51.0677,  
11.2372

■ 74.0925, 78.9987,  
105.9509

■ 45.2044, 49.6077,  
8.8142

■ 74.9495, 80.7128,  
106.2366

■ 44.3430, 48.2508,  
7.3988

■ 75.8212, 82.4562,  
106.5272

# Harmonies

## Analogous

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



62.1651, 64.9934, 67.1225



61.4651, 64.9934, 67.0630



60.8525, 64.9934, 67.9824

# Triad

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



61.4651, 64.9934, 67.0630



60.7942, 64.9934, 73.4533



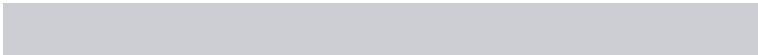
63.0783, 64.9934, 71.8897

# Complementary

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



61.4651, 64.9934, 67.0630



59.1318, 61.8743, 71.1145

# 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.



62.7054, 64.9934, 73.6262



61.4651, 64.9934, 67.0630



61.3851, 64.9934, 74.5406

# Square

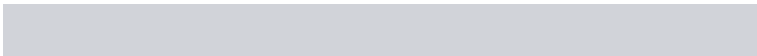
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



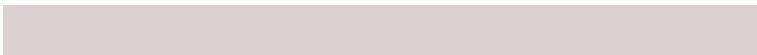
61.4651, 64.9934, 67.0630



60.4671, 64.9934, 71.6574



62.0845, 64.9934, 74.6044



63.1001, 64.9934, 69.8835



# Rectangle

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



61.4651, 64.9934, 67.0630



60.5746, 64.9934, 69.0370



62.0845, 64.9934, 74.6044



62.9897, 64.9934, 72.5252

# Sweetspot

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



61.4669, 64.9962, 67.0644



94.5265, 99.6056, 106.7135



60.1302, 62.1193, 67.2463



20.2381, 21.3239, 22.8641



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

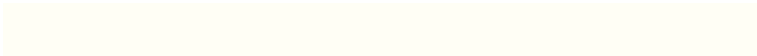


# Same Dimension

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



61.4669, 64.9962, 67.0644



92.9896, 98.4378, 100.3255



61.0142, 65.1313, 67.1143



13.6500, 14.4641, 14.5766



27.1242, 29.3657, 4.2385



1.6782, 1.8557, 0.2697



# Inverse Universe

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



59.1318, 61.8743, 71.1145



88.6687, 92.6611, 107.8198



59.5739, 61.7474, 71.0667



12.9111, 13.4762, 15.8582



7.6695, 3.6007, 38.7439

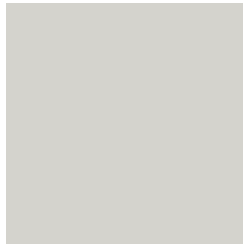


0.5094, 0.3109, 2.3525



# Previews

## White Background



This preview shows how the XYZ color 61.4651, 64.9934, 67.0630 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

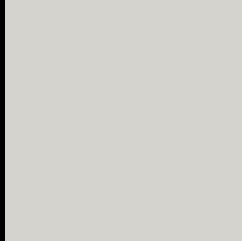
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.4651, 64.9934, 67.0630 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

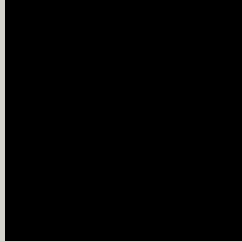
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

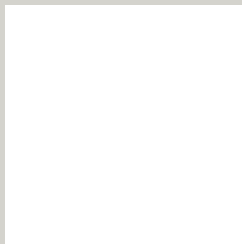
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 61.4651, 64.9934, 67.0630

## Background



This preview shows how black text looks on a background with the XYZ color 61.4651, 64.9934, 67.0630.



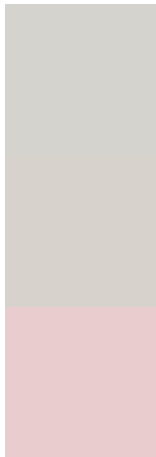
This preview shows how white text looks on a background with the XYZ color 61.4651, 64.9934,



# 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

61.4651, 64.9934, 67.0630

### Protanopia

62.2646, 65.0517, 66.4013

### Deuteranopia

66.3377, 64.9656, 67.4358



## Tritanopia

64.0348, 64.9406, 79.6808

# Trichromacy



## Original Color

61.4651, 64.9934, 67.0630

## Protanomaly

61.9700, 64.8999, 66.3875

## Deuteranomaly

64.5047, 65.0894, 67.5563

## Tritanomaly

63.0564, 64.9068, 74.8505

# Monochromacy



## Original Color

61.4651, 64.9934, 67.0630

## Achromatopsia

61.9161, 65.1406, 70.9381

## Achromatomaly

61.6669, 65.0409, 69.6256

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.4651, 64.9934, 67.0630 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, 211, 205) looks like.

```
.text, #text, p{  
    color:rgb(212, 211, 205)  
}
```

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, 211, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 211, 205) }
```

## Border

The CSS property to change the border of an element to XYZ 61.4651, 64.9934, 67.0630 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, 211, 205) }
```



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

```
.border{ border-color:rgb(212, 211, 205) }
```

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

Here you see how a box with a 4 pixel rgb(212, 211, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 211, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 211, 205);  
box-shadow:4px 4px 4px 4px rgb(212, 211,  
205) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.4651, 64.9934, 67.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 211, 205) }
```

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

```
.background{ background-color: rgb(212,  
211, 205) }
```

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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