

Converting Colors

XYZ(61.5071, 64.4520, 67.5953)

Have a look what the booklet for
XYZ(61.5071, 64.4520, 67.5953)
contains.

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Color

**XYZ(61.6277, 64.6956,
67.6319)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D2CE
RGB	213, 210, 206
RGB Percent	84%, 82%, 81%
CMY	0.1647, 0.1764, 0.1922
CMYK	0.00, 0.01, 0.03, 0.16
HSL	34°, 8%, 82%
HSV	34°, 3%, 84%
XYZ	61.6277, 64.6956, 67.6319
YIQ	210.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

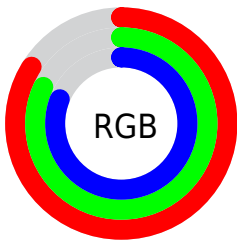
Format	Color
R _Y B	211, 213, 206
Decimal	14013134
CIE Lab	84.33, 0.32, 2.33
CIE LCh	84, 2.354, 82.194
Yxy	64.6956, 0.3177, 0.3336
Android (android.graphics.Color)	4292203214 (0xFFD5D2CE)
YUV	210.4410, -2.1894, 2.2442
Hunter-Lab	80.4336, -3.9932, 6.4500

Details

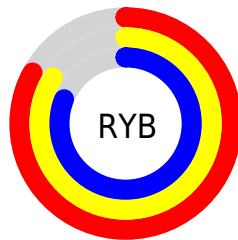
The XYZ color **61.6277, 64.6956, 67.6319** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2641, 63.5257, 72.0368**, and the grayscale version is **61.5625, 64.7685, 70.5329**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6565, 33.3130, 34.4673** is the 20% darker color. If you saturate the color by 10%, you get **57.0272, 59.3582, 54.1855**, and if you desaturate by 10%, it is **66.7108, 70.4354, 82.9708**.

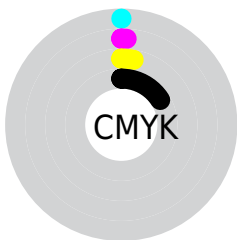
Distribution



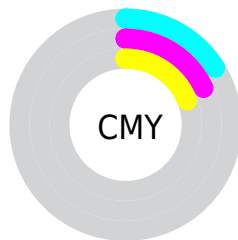
- Red (84%)
- Green (82%)
- Blue (81%)



- Red (83%)
- Yellow (84%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6277, 64.6956, 67.6319 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 61.6277, 64.6956, 67.6319 by changing the saturation by 10% instead.

■ 61.6277, 64.6956,
67.6319

■ 61.6277, 64.6956,
67.6319

420.3110,
441.6973, 470.7533

■ 44.9864, 47.2143,
49.1335

106.2802,
111.6121, 117.4746

■ 31.6479, 33.2051,
34.3591

135.0222,
141.8161, 149.6560

■ 21.2470, 22.2836,
22.8900

168.5284,
177.0298, 187.2355

■ 13.4181, 14.0654,
14.3078

207.1643,
217.6375, 230.6317

■ 7.7961, 8.1662,
8.1938

251.2951,
264.0238, 280.2630

■ 4.0155, 4.2015,
4.1297

301.2863,

■ 1.7109, 1.7869,

316.5729, 336.5480

1.6968

357.5031,
375.6693, 399.9053

■ 0.4631, 0.4790,
0.3585

■ 0.0000, 0.0000,
0.0000

■ 61.6277, 64.6956,
67.6319

■ 61.6277, 64.6956,
67.6319

■ 57.0272, 59.3582,
54.1855

■ 66.7108, 70.4354,
82.9708

■ 52.8876, 54.4049,
42.5529

■ 72.2864, 76.5784,
100.2684

■ 49.1938, 49.8281,
32.6561

■ 75.8774, 82.1394,
106.4631

■ 45.9275, 45.6171,
24.4096

■ 78.5895, 87.5636,
107.3671

■ 43.0687, 41.7602,
17.7209

■ 81.2508, 92.8863,
108.2542

■ 40.5961, 38.2451,
12.4879

■ 38.4856, 35.0582,
8.5964

■ 36.7099, 32.1846,
5.9147

■ 35.2363, 29.6071,
4.2838

Harmonies

Analogous

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



62.1088, 64.6956, 68.1950



61.6277, 64.6956, 67.6319



61.1127, 64.6956, 67.8135

Triad

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



61.6277, 64.6956, 67.6319



60.5663, 64.6956, 71.5343



62.2879, 64.6956, 72.2199

Complementary

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



61.6277, 64.6956, 67.6319



60.2641, 63.5257, 72.0368

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.



61.8713, 64.6956, 73.1386



61.6277, 64.6956, 67.6319



60.8778, 64.6956, 72.7389

Square

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



61.6277, 64.6956, 67.6319



60.5018, 64.6956, 70.0527



61.3550, 64.6956, 73.3299



62.4913, 64.6956, 70.8338

Rectangle

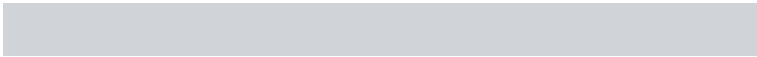
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.6277, 64.6956, 67.6319



60.8193, 64.6956, 68.3335



61.3550, 64.6956, 73.3299



62.1680, 64.6956, 72.5944

Sweetspot

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



61.6295, 64.6984, 67.6333



94.2949, 99.1425, 106.6363



61.0254, 62.8948, 69.2676



20.1910, 21.2296, 22.8484



0.0000, 0.0000, 0.0000



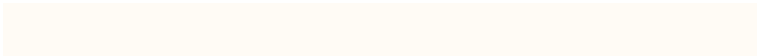
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6295, 64.6984, 67.6333



92.0741, 96.6067, 100.0203



62.2409, 66.1219, 67.8758



13.4931, 14.1504, 14.5243



21.1044, 17.3260, 2.2319



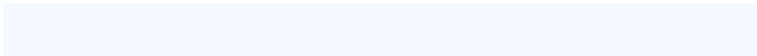
1.3543, 1.2078, 0.1618

Inverse Universe

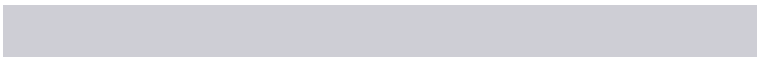
The Inverse Universe completely reimagines the original color for something new.



60.2641, 63.5257, 72.0368



89.5633, 94.4502, 108.1180



59.6658, 62.1364, 71.8002



13.0638, 13.7816, 15.9091



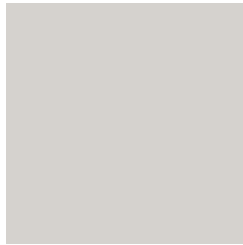
9.7268, 7.7154, 39.4297



0.6679, 0.6278, 2.4053

Previews

White Background



This preview shows how the XYZ color 61.6277, 64.6956, 67.6319 looks on a white background.

Color Contrast Check

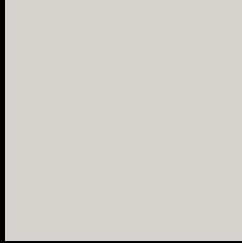
Large Text (above 18pt) WCAG AA × Fail

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 61.6277, 64.6956, 67.6319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

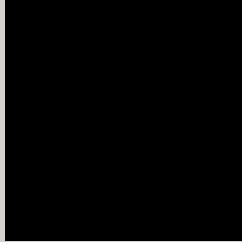
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

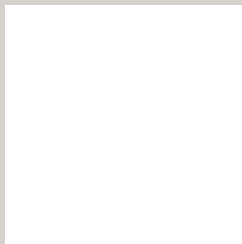
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6277, 64.6956, 67.6319

Background



This preview shows how black text looks on a background with the XYZ color 61.6277, 64.6956, 67.6319.

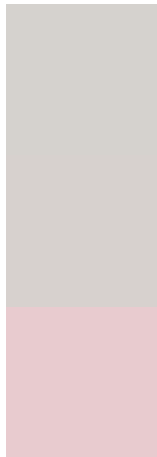


This preview shows how white text looks on a background with the XYZ color 61.6277, 64.6956,

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

61.6277, 64.6956, 67.6319

Protanopia

61.9654, 64.5042, 67.5772

Deuteranopia

65.8971, 64.3727, 67.9835



Tritanopia

64.0863, 64.6064, 79.6136

Trichromacy



Original Color

61.6277, 64.6956, 67.6319

Protanomaly

61.6726, 64.3533, 67.5635

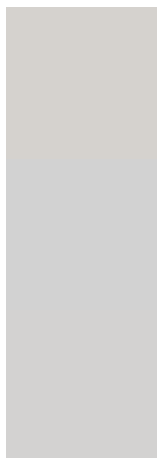
Deuteranomaly

64.3851, 64.6552, 68.1177

Tritanomaly

63.1046, 64.5686, 74.7827

Monochromacy



Original Color

61.6277, 64.6956, 67.6319

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 61.6277, 64.6956, 67.6319 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(213, 210, 206) looks like.

```
.text, #text, p{  
    color:rgb(213, 210, 206)  
}
```

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(213, 210, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 210, 206) }
```

Border

The CSS property to change the border of an element to XYZ 61.6277, 64.6956, 67.6319 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(213, 210, 206) }
```


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

```
.border{ border-color:rgb(213, 210, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 210, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 210, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 210, 206);  
box-shadow:4px 4px 4px 4px rgb(213, 210,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6277, 64.6956, 67.6319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 210, 206) }
```

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

```
.background{ background-color: rgb(213,  
210, 206) }
```

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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