

Converting Colors

XYZ(61.5334, 63.7474, 67.1028)

Have a look what the booklet for
XYZ(61.5334, 63.7474, 67.1028)
contains.

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Color

**XYZ(61.5997, 63.9666,
66.8577)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D0CD
RGB	215, 208, 205
RGB Percent	84%, 82%, 80%
CMY	0.1569, 0.1843, 0.1961
CMYK	0.00, 0.03, 0.05, 0.16
HSL	18°, 11%, 82%
HSV	18°, 5%, 84%
XYZ	61.5997, 63.9666, 66.8577
YIQ	209.7510, 5.1350, 0.5510

Conversions

Conversions Part 2

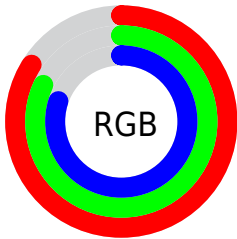
Format	Color
R_{YB}	215, 209, 205
Decimal	14143693
CIE _{Lab}	83.95, 1.88, 2.33
CIE _{LCh}	84, 2.999, 51.073
Yxy	63.9666, 0.3201, 0.3324
Android (android.graphics.Color)	4292333773 (0xFFD7D0CD)
YUV	209.7510, -2.3422, 4.6034
Hunter-Lab	79.9791, -2.4833, 6.4225

Details

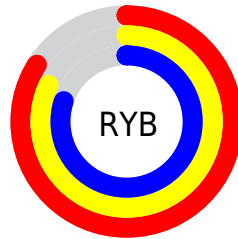
The XYZ color **61.5997, 63.9666, 66.8577** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9861, 64.9716, 73.6174**, and the grayscale version is **61.1093, 64.2918, 70.0137**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6387, 32.8192, 33.9453** is the 20% darker color. If you saturate the color by 10%, you get **55.6860, 56.0106, 52.9499**, and if you desaturate by 10%, it is **68.2215, 72.7665, 82.7626**.

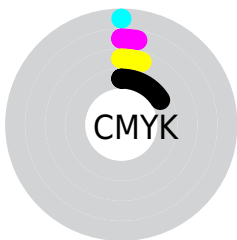
Distribution



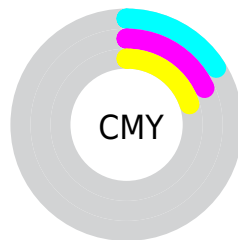
- Red (84%)
- Green (82%)
- Blue (80%)



- Red (84%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5997, 63.9666, 66.8577 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 61.5997, 63.9666, 66.8577 by changing the saturation by 10% instead.

■ 61.5997, 63.9666,
66.8577

■ 61.5997, 63.9666,
66.8577

420.2103,
439.0690, 467.9258

■ 44.9637, 46.6236,
48.5081

106.2400,
110.5628, 116.3552

■ 31.6300, 32.7382,
33.8666

134.9750,
140.5849, 148.3402

■ 21.2332, 21.9260,
22.5146

168.4737,
175.6021, 185.7074

■ 13.4080, 13.8025,
14.0336

207.1014,
215.9988, 228.8754

■ 7.7890, 7.9834,
8.0050

251.2236,
262.1595, 278.2627

■ 4.0109, 4.0844,
4.0103

301.2056,

■ 1.7083, 1.7209,

314.4685, 334.2878

1.6310

357.4127,
373.3102, 397.3693

■ 0.4615, 0.4371,
0.3128

■ 0.0000, 0.0000,
0.0000

■ 61.5997, 63.9666,
66.8577

■ 61.5997, 63.9666,
66.8577

■ 55.6860, 56.0106,
52.9499

■ 68.2215, 72.7665,
82.7626

■ 50.4511, 48.8652,
40.9558

■ 75.5689, 82.4259,
100.7352

■ 45.8710, 42.5068,
30.7920

■ 81.2416, 92.0010,
108.0838

■ 41.9188, 36.9077,
22.3676

■ 81.8348, 93.1873,
108.2815

■ 38.5652, 32.0385,
15.5835

■ 35.7785, 27.8676,
10.3308

■ 33.5239, 24.3612,
6.4872

■ 31.7618, 21.4821,
3.9113

■ 30.4461, 19.1886,
2.4311

Harmonies

Analogous

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



61.9910, 63.9666, 68.3493



61.5997, 63.9666, 66.8577



60.9956, 63.9666, 66.1175

Triad

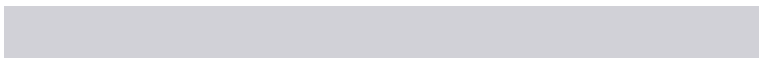
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.5997, 63.9666, 66.8577



59.5525, 63.9666, 69.0860



61.2561, 63.9666, 73.0977

Complementary

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



61.5997, 63.9666, 66.8577



60.9861, 64.9716, 73.6174

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.



60.6015, 63.9666, 73.3035



61.5997, 63.9666, 66.8577



59.6211, 63.9666, 70.9646

Square

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



61.5997, 63.9666, 66.8577



59.8158, 63.9666, 67.3886



60.0039, 63.9666, 72.5164



61.7916, 63.9666, 71.9589

Rectangle

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



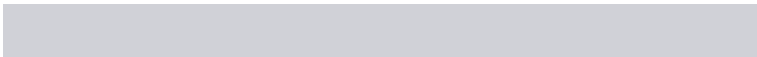
61.5997, 63.9666, 66.8577



60.5548, 63.9666, 66.1404



60.0039, 63.9666, 72.5164



61.0426, 63.9666, 73.2791

Sweetspot

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



61.6015, 63.9694, 66.8591



94.0756, 98.7038, 106.5632



61.7403, 62.8642, 71.1682



20.1463, 21.1404, 22.8335



0.0000, 0.0000, 0.0000



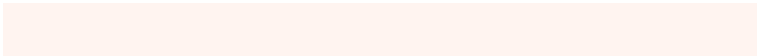
20.3446, 21.4041, 23.3091

Same Dimension

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



61.6015, 63.9694, 66.8591



89.3633, 92.4129, 95.3321



62.8390, 66.4444, 67.2716



13.0936, 13.5187, 13.8753



17.9597, 11.0366, 1.1837



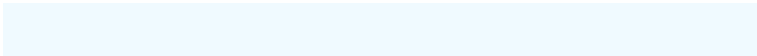
1.1552, 0.8096, 0.0954

Inverse Universe

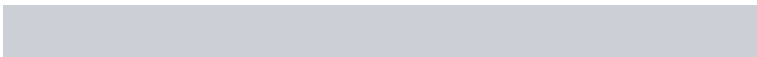
The Inverse Universe completely reimagines the original color for something new.



60.9861, 64.9716, 73.6174



88.1948, 94.3156, 108.1641



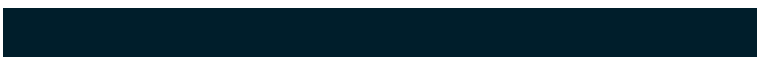
59.7563, 62.5120, 73.2075



12.9070, 13.8226, 15.9253



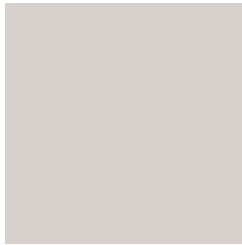
13.9967, 16.2552, 40.8530



0.9151, 1.1223, 2.4877

Previews

White Background



This preview shows how the XYZ color 61.5997, 63.9666, 66.8577 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 61.5997, 63.9666, 66.8577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

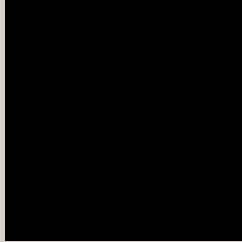
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

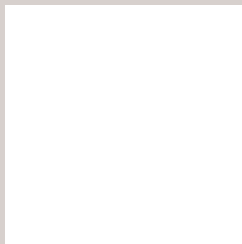
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5997, 63.9666, 66.8577

Background



This preview shows how black text looks on a background with the XYZ color 61.5997, 63.9666, 66.8577.

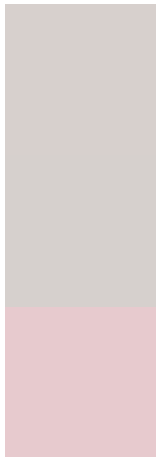


This preview shows how white text looks on a background with the XYZ color 61.5997, 63.9666,

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

61.5997, 63.9666, 66.8577

Protanopia

61.3069, 63.8157, 66.8440

Deuteranopia

65.2161, 63.6862, 67.2479



Tritanopia

63.6314, 63.6883, 78.0466

Trichromacy



Original Color

61.5997, 63.9666, 66.8577

Protanomaly

61.3069, 63.8157, 66.8440

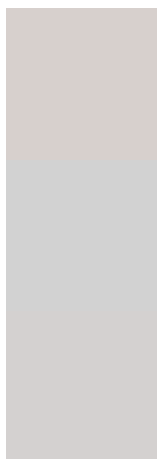
Deuteranomaly

63.7848, 63.6495, 67.3163

Tritanomaly

62.7849, 63.6994, 73.9518

Monochromacy



Original Color

61.5997, 63.9666, 66.8577

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.3370, 64.1520, 68.8243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5997, 63.9666, 66.8577 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(215, 208, 205) looks like.

```
.text, #text, p{  
    color:rgb(215, 208, 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(215, 208, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 208, 205) }
```

Border

The CSS property to change the border of an element to XYZ 61.5997, 63.9666, 66.8577 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(215, 208, 205) }
```


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

```
.border{ border-color:rgb(215, 208, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 208, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 208, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 208, 205);  
box-shadow:4px 4px 4px 4px rgb(215, 208,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5997, 63.9666, 66.8577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 208, 205) }
```

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

```
.background{ background-color: rgb(215,  
208, 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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