

Converting Colors

XYZ(60.3588, 61.6094, 66.1606)

Have a look what the booklet for
XYZ(60.3588, 61.6094, 66.1606)
contains.

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Color

**XYZ(60.3997, 61.5667,
66.4578)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CBCD
RGB	215, 203, 205
RGB Percent	84%, 80%, 80%
CMY	0.1569, 0.2039, 0.1961
CMYK	0.00, 0.06, 0.05, 0.16
HSL	350°, 13%, 82%
HSV	350°, 6%, 84%
XYZ	60.3997, 61.5667, 66.4578
YIQ	206.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

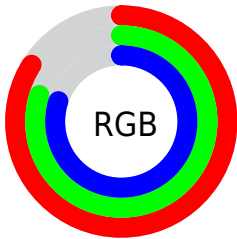
Format	Color
R_{YB}	215, 203, 205
Decimal	14142413
CIE _{Lab}	82.68, 4.51, 0.49
CIE _{LCh}	83, 4.539, 6.201
Yxy	61.5667, 0.3206, 0.3267
Android (android.graphics.Color)	4292332493 (0xFFD7CBCD)
YUV	206.8160, -0.8953, 7.1774
Hunter-Lab	78.4645, 0.0914, 4.7077

Details

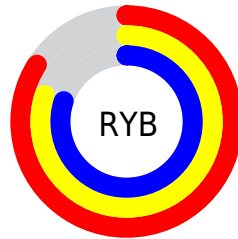
The XYZ color **60.3997, 61.5667, 66.4578** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9416, 66.1030, 72.5012**, and the grayscale version is **59.1938, 62.2765, 67.8191**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8306, 31.2028, 33.6760** is the 20% darker color. If you saturate the color by 10%, you get **53.6296, 51.2920, 54.1321**, and if you desaturate by 10%, it is **68.1253, 73.3541, 80.3262**.

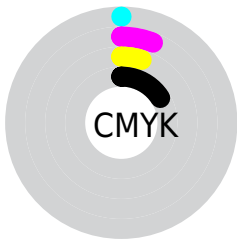
Distribution



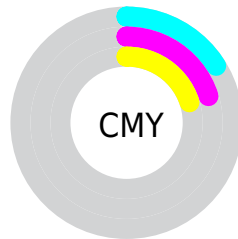
- Red (84%)
- Green (80%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3997, 61.5667, 66.4578 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 60.3997, 61.5667, 66.4578 by changing the saturation by 10% instead.

■ 60.3997, 61.5667,
66.4578

■ 60.3997, 61.5667,
66.4578

415.8807,
430.3488, 466.4612

■ 43.9916, 44.6827,
48.1853

104.5123,
107.0990, 115.7764

■ 30.8618, 31.2076,
33.6126

132.9475,
136.5162, 147.6596

■ 20.6449, 20.7569,
22.3212

166.1225,
170.8798, 184.9168

■ 12.9757, 12.9465,
13.8925

204.4025,
210.5742, 227.9665

■ 7.4887, 7.3917,
7.9081

248.1530,
255.9840, 277.2272

■ 3.8186, 3.7082,
3.9492

297.7393,

■ 1.6000, 1.5117,

307.4934, 333.1175

1.5975

353.5267,
365.4869, 396.0560

■ 0.3924, 0.2970,
0.2891

■ 0.0000, 0.0000,
0.0000

■ 60.3997, 61.5667,
66.4578

■ 60.3997, 61.5667,
66.4578

■ 53.6296, 51.2920,
54.1321

■ 68.1253, 73.3541,
80.3262

■ 47.7725, 42.4610,
43.2915

■ 76.8362, 86.7037,
95.7840

■ 42.7908, 35.0114,
33.8810

■ 81.8347, 93.1872,
108.2815

■ 38.6418, 28.8730,
25.8403

■ 35.2796, 23.9697,
19.1051

■ 32.6534, 20.2172,
13.6056

■ 30.7066, 17.5210,
9.2654

■ 29.3740, 15.7711,
5.9996

■ 28.5769, 14.8332,
3.7106

Harmonies

Analogous

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



60.2483, 61.5667, 69.2243



60.3997, 61.5667, 66.4578



60.0422, 61.5667, 63.9163

Triad

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



60.3997, 61.5667, 66.4578



57.4177, 61.5667, 62.7984



57.7645, 61.5667, 72.0659

Complementary

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



60.3997, 61.5667, 66.4578



60.9416, 66.1030, 72.5012

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.



57.0184, 61.5667, 70.2549



60.3997, 61.5667, 66.4578



56.8198, 61.5667, 64.8937

Square

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



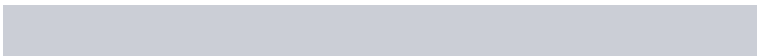
60.3997, 61.5667, 66.4578



58.3152, 61.5667, 61.8417



56.6744, 61.5667, 67.6169



58.7199, 61.5667, 72.5127

Rectangle

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



60.3997, 61.5667, 66.4578



59.5657, 61.5667, 62.6750



56.6744, 61.5667, 67.6169



57.4813, 61.5667, 71.5941

Sweetspot

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



60.4014, 61.5694, 66.4591



92.7675, 96.5183, 104.7998



61.0641, 61.7670, 72.9946



19.8800, 20.6953, 22.4745



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.



60.4014, 61.5694, 66.4591



87.3137, 88.2137, 94.9571



61.1185, 63.3868, 65.5167



12.7913, 12.8865, 13.8591



16.9767, 8.7270, 1.9157



1.0505, 0.5370, 0.2554

Inverse Universe

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



60.4014, 61.5694, 66.4591



87.3137, 88.2137, 94.9571



60.1908, 64.1933, 73.5089



12.7913, 12.8865, 13.8591



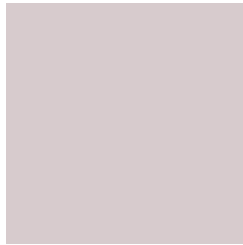
16.9767, 8.7270, 1.9157



1.0505, 0.5370, 0.2554

Previews

White Background



This preview shows how the XYZ color 60.3997, 61.5667, 66.4578 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 60.3997, 61.5667, 66.4578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

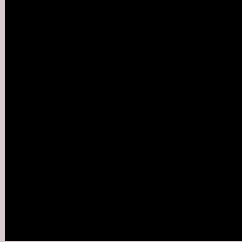
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

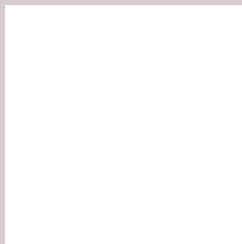
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3997, 61.5667, 66.4578

Background



This preview shows how black text looks on a background with the XYZ color 60.3997, 61.5667, 66.4578.



This preview shows how white text looks on a background with the XYZ color 60.3997, 61.5667,

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

60.3997, 61.5667, 66.4578

Protanopia

59.2664, 61.6742, 67.1732

Deuteranopia

62.9280, 61.4718, 66.9411



Tritanopia

62.0263, 61.5348, 74.2539

Trichromacy



Original Color

60.3997, 61.5667, 66.4578

Protanomaly

59.5974, 61.4908, 67.1203

Deuteranomaly

61.9191, 61.2944, 66.9600

Tritanomaly

61.4497, 61.6441, 71.6105

Monochromacy



Original Color

60.3997, 61.5667, 66.4578

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.7902, 62.3005, 67.2664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3997, 61.5667, 66.4578 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, 203, 205) looks like.

```
.text, #text, p{  
    color:rgb(215, 203, 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, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 203, 205) }
```

Border

The CSS property to change the border of an element to XYZ 60.3997, 61.5667, 66.4578 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, 203, 205) }
```


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

```
.border{ border-color:rgb(215, 203, 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, 203, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(215, 203,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3997, 61.5667, 66.4578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 203, 205) }
```

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

```
.background{ background-color: rgb(215,  
203, 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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