

Converting Colors

XYZ(61.6673, 60.0206, 57.0501)

Have a look what the booklet for
XYZ(61.6673, 60.0206, 57.0501)
contains.

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Color

**XYZ(61.6673, 60.0206,
57.0501)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C4BE
RGB	230, 196, 190
RGB Percent	90%, 77%, 75%
CMY	0.0980, 0.2313, 0.2549
CMYK	0.00, 0.15, 0.17, 0.10
HSL	9°, 44%, 82%
HSV	9°, 17%, 90%
XYZ	61.6673, 60.0206, 57.0501
YIQ	205.4820, 22.1900, 5.3420

Conversions

Conversions Part 2

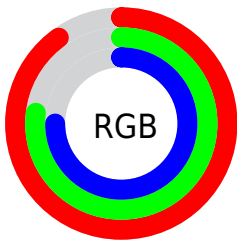
Format	Color
R _Y B	230, 197, 190
Decimal	15123646
CIE Lab	81.85, 11.09, 7.47
CIE LCh	82, 13.371, 33.962
Yxy	60.0206, 0.3450, 0.3358
Android (android.graphics.Color)	4293313726 (0xFFE6C4BE)
YUV	205.4820, -7.6326, 21.5023
Hunter-Lab	77.4730, 6.5056, 10.5707

Details

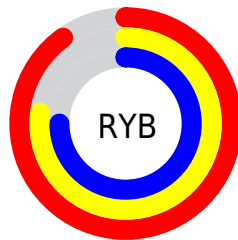
The XYZ color **61.6673, 60.0206, 57.0501** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.1732, 69.9698, 85.0919**, and the grayscale version is **58.3739, 61.4139, 66.8797**.

A 20% lighter version of the original color is **92.9998, 98.1644, 101.2348**, and **31.6439, 30.1508, 27.8188** is the 20% darker color. If you saturate the color by 10%, you get **55.2238, 50.8439, 43.4631**, and if you desaturate by 10%, it is **69.0853, 70.5104, 72.9204**.

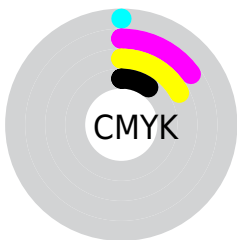
Distribution



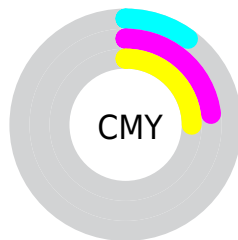
- Red (90%)
- Green (77%)
- Blue (75%)



- Red (90%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (10%)





- Cyan (10%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6673, 60.0206, 57.0501 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 61.6673, 60.0206, 57.0501 by changing the saturation by 10% instead.


 61.6673, 60.0206,
57.0501

 61.6673, 60.0206,
57.0501

420.4534,
424.6737, 431.1360

 45.0185, 43.4352,
40.6358


 106.3372,
104.8596, 102.0393

 31.6733, 30.2268,
27.7171


135.0890,
133.8819, 131.4514

 21.2665, 20.0108,
17.8753


168.6059,
167.8188, 166.0332

 13.4325, 12.4029,
10.6920

207.2531,
207.0545, 206.2031

 7.8061, 7.0187,
5.7486

251.3962,
251.9734, 252.3799

 4.0219, 3.4738,
2.6265

301.4003,

 1.7145, 1.3838,

302.9600, 304.9819

0.9061

357.6309,
360.3986, 364.4278

0.4653, 0.2047,
0.0000

0.0000, 0.0000,
0.0000

61.6673, 60.0206,
57.0501

61.6673, 60.0206,
57.0501

55.2238, 50.8439,
43.4631

69.0853, 70.5104,
72.9204

49.7093, 42.9205,
32.0506

77.5110, 82.3536,
91.1686

45.0820, 36.1984,
22.7005

86.3312, 95.3388,
108.4598

41.2947, 30.6185,
15.2891

86.4433, 95.5631,
108.4972

■ 38.2962, 26.1168,
9.6794

■ 36.0291, 22.6228,
5.7166

■ 34.4280, 20.0576,
3.2194

■ 33.4124, 18.3287,
1.9491

■ 33.2205, 17.9974,
1.7229

Harmonies

Analogous

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



62.6336, 60.0206, 64.2843



61.6673, 60.0206, 57.0501



59.4628, 60.0206, 52.3610

Triad

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



61.6673, 60.0206, 57.0501



52.3103, 60.0206, 58.7658



57.4235, 60.0206, 82.1121

Complementary

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



61.6673, 60.0206, 57.0501



62.1732, 69.9698, 85.0919

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.



54.6991, 60.0206, 80.3320



61.6673, 60.0206, 57.0501



51.8044, 60.0206, 66.4319

Square

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



61.6673, 60.0206, 57.0501



54.0701, 60.0206, 53.2928



52.6649, 60.0206, 74.4231



60.1329, 60.0206, 79.1061

Rectangle

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



61.6673, 60.0206, 57.0501



57.6204, 60.0206, 51.0854



52.6649, 60.0206, 74.4231



56.4790, 60.0206, 82.0550

Sweetspot

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



61.6689, 60.0233, 57.0514



89.7046, 92.4859, 97.3250



64.5017, 59.0325, 78.5163



19.0453, 19.5773, 20.4966



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

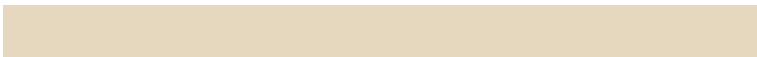
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.6689, 60.0233, 57.0514



74.7562, 71.3393, 65.3661



66.4838, 69.6530, 58.6563



14.5507, 14.7154, 14.9779



18.8623, 10.2987, 0.9937



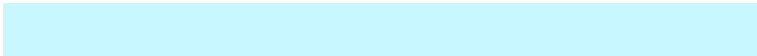
1.4483, 0.8700, 0.0916

Inverse Universe

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



62.1732, 69.9698, 85.0919



75.5075, 86.1980, 107.2659



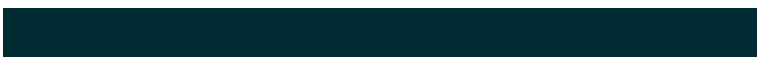
57.1117, 59.8468, 83.4048



14.6134, 15.9483, 18.4524



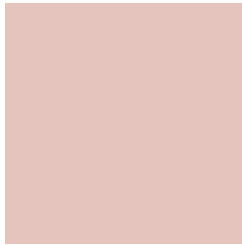
19.2666, 25.5953, 46.3081



1.4740, 1.9919, 3.4388

Previews

White Background



This preview shows how the XYZ color 61.6673, 60.0206, 57.0501 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 61.6673, 60.0206, 57.0501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

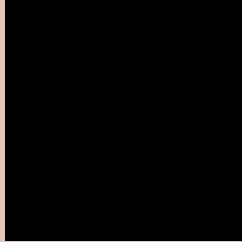
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6673, 60.0206, 57.0501

Background



This preview shows how black text looks on a background with the XYZ color 61.6673, 60.0206, 57.0501.

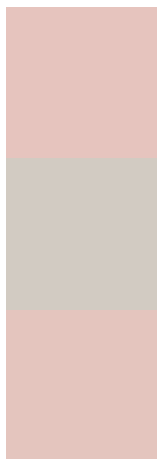


This preview shows how white text looks on a background with the XYZ color 61.6673, 60.0206,

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

61.6673, 60.0206, 57.0501

Protanopia

57.6719, 60.3086, 59.6400

Deuteranopia

61.2554, 60.1442, 57.0957



Tritanopia

63.7338, 59.8498, 67.8675

Trichromacy



Original Color

61.6673, 60.0206, 57.0501

Protanomaly

58.8952, 59.9105, 58.9119

Deuteranomaly

61.5736, 60.3082, 57.1106

Tritanomaly

62.7894, 59.7895, 63.4895

Monochromacy



Original Color

61.6673, 60.0206, 57.0501

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.2774, 60.7073, 63.2370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6673, 60.0206, 57.0501 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(230, 196, 190)` looks like.

```
.text, #text, p{  
    color:rgb(230, 196, 190)  
}
```

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(230, 196, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 196, 190) }
```

Border

The CSS property to change the border of an element to XYZ 61.6673, 60.0206, 57.0501 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(230, 196, 190) }
```


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

```
.border{ border-color:rgb(230, 196, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 196, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 196, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 196, 190);  
box-shadow:4px 4px 4px 4px rgb(230, 196,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6673, 60.0206, 57.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 196, 190) }
```

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

```
.background{ background-color: rgb(230,  
196, 190) }
```

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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