

Converting Colors

XYZ(63.5572, 66.9984, 57.1518)

Have a look what the booklet for
XYZ(63.5572, 66.9984, 57.1518)
contains.

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Color

**XYZ(63.6118, 67.0666,
57.1694)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D5BC
RGB	224, 213, 188
RGB Percent	88%, 84%, 74%
CMY	0.1216, 0.1647, 0.2627
CMYK	0.00, 0.05, 0.16, 0.12
HSL	42°, 37%, 81%
HSV	42°, 16%, 88%
XYZ	63.6118, 67.0666, 57.1694
YIQ	213.4390, 14.5810, -5.4430

Conversions

Conversions Part 2

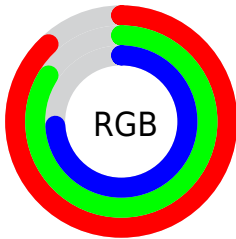
Format	Color
RYB	204, 224, 188
Decimal	14734780
CIELab	85.54, -0.30, 13.72
CIELCh	86, 13.720, 91.272
Yxy	67.0666, 0.3386, 0.3570
Android (android.graphics.Color)	4292924860 (0xFFE0D5BC)
YUV	213.4390, -12.5414, 9.2620
Hunter-Lab	81.8942, -4.6639, 15.9363

Details

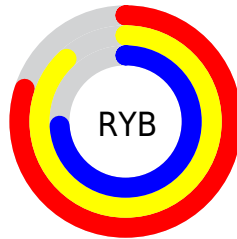
The XYZ color **63.6118, 67.0666, 57.1694** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6168, 56.9189, 78.6293**, and the grayscale version is **63.6159, 66.9288, 72.8855**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **32.9622, 34.6380, 27.8702** is the 20% darker color. If you saturate the color by 10%, you get **59.6979, 62.8075, 44.8617**, and if you desaturate by 10%, it is **67.9768, 71.6268, 71.4781**.

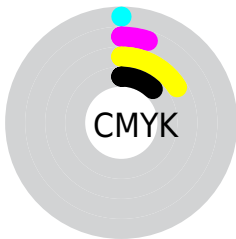
Distribution



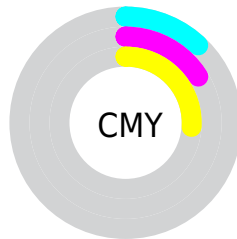
- Red (88%)
- Green (84%)
- Blue (74%)



- Red (80%)
- Yellow (88%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (12%)



- Cyan (12%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6118, 67.0666, 57.1694 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 63.6118, 67.0666, 57.1694 by changing the saturation by 10% instead.

■ 63.6118, 67.0666,
57.1694

■ 63.6118, 67.0666,
57.1694

427.4109,
450.1818, 431.5953

■ 46.5968, 49.1388,
40.7310

■ 109.1285,
115.0158, 102.2151

■ 32.9237, 34.7296,
27.7908

138.3610,
145.8060, 131.6595

■ 22.2269, 23.4546,
17.9304

172.3967,
181.6524, 166.2763

■ 14.1413, 14.9296,
10.7311

211.6010,
222.9395, 206.4840

■ 8.3013, 8.7700,
5.7744

256.3392,
270.0515, 252.7013

■ 4.3418, 4.5914,
2.6418

306.9767,

■ 1.8973, 2.0096,

323.3730, 305.3465

0.9139

363.8788,
383.2883, 364.8383

■ 0.5752, 0.6130,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6118, 67.0666,
57.1694

■ 63.6118, 67.0666,
57.1694

■ 59.6979, 62.8075,
44.8617

■ 67.9768, 71.6268,
71.4781

■ 56.2115, 58.8319,
34.4598

■ 72.8044, 76.4874,
87.8688

■ 53.1350, 55.1336,
25.8667

■ 78.0800, 81.6461,
106.2518

■ 50.4472, 51.7026,
18.9756

■ 80.0605, 85.6070,
106.9119

■ 48.1247, 48.5281,
13.6681

■ 82.1169, 89.7198,
107.5974

■ 46.1412, 45.5981,
9.8105

■ 84.2501, 93.9863,
108.3085

■ 44.4663, 42.8987,
7.2469

■ 84.5507, 94.5874,
108.4086

■ 43.0622, 40.4133,
5.7837

■ 42.5594, 39.4849,
5.3782

Harmonies

Analogous

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



66.6698, 67.0666, 58.9797



63.6118, 67.0666, 57.1694



60.6832, 67.0666, 59.3108

Triad

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



63.6118, 67.0666, 57.1694



58.7570, 67.0666, 82.3039



69.1475, 67.0666, 81.5910

Complementary

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



63.6118, 67.0666, 57.1694



54.6168, 56.9189, 78.6293

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.



66.9076, 67.0666, 88.7033



63.6118, 67.0666, 57.1694



60.9066, 67.0666, 89.1379

Square

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



63.6118, 67.0666, 57.1694



57.9373, 67.0666, 73.4059



63.8780, 67.0666, 91.5685



69.9279, 67.0666, 72.6436

Rectangle

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



63.6118, 67.0666, 57.1694



59.1815, 67.0666, 62.8010



63.8780, 67.0666, 91.5685



68.5368, 67.0666, 84.3005

Sweetspot

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



63.6136, 67.0696, 57.1708



91.8348, 96.7463, 98.0351



59.0797, 55.9568, 61.9644



19.5624, 20.6116, 20.6690



0.0000, 0.0000, 0.0000



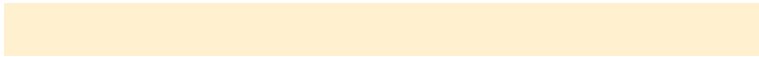
20.3446, 21.4041, 23.3091

Same Dimension

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



63.6136, 67.0696, 57.1708



83.6671, 88.1821, 71.3546



64.4677, 71.7558, 58.0303



14.5000, 15.2860, 14.4930



24.8785, 23.1948, 3.1658



1.8024, 1.7636, 0.2454

Inverse Universe

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



54.6168, 56.9189, 78.6293



69.6050, 72.3176, 104.8979



53.8411, 52.8981, 77.8941



13.2917, 13.9226, 17.3745



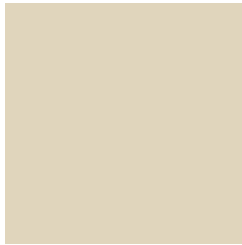
9.1387, 5.7469, 41.6760



0.7108, 0.5531, 2.9145

Previews

White Background



This preview shows how the XYZ color 63.6118, 67.0666, 57.1694 looks on a white background.

Color Contrast Check

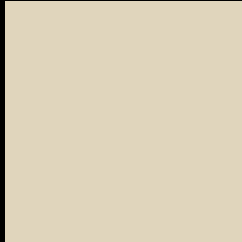
Large Text (above 18pt) WCAG AA × Fail

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 63.6118, 67.0666, 57.1694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

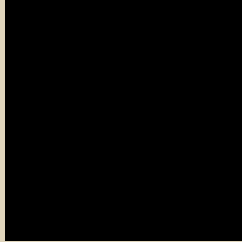
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.6118, 67.0666, 57.1694

Background



This preview shows how black text looks on a background with the XYZ color 63.6118, 67.0666, 57.1694.

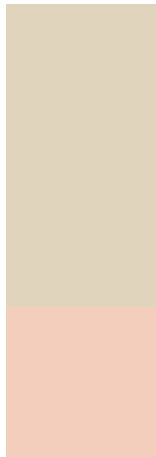


This preview shows how white text looks on a background with the XYZ color 63.6118, 67.0666,

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

63.6118, 67.0666, 57.1694

Protanopia

63.6118, 67.0666, 57.1694

Deuteranopia

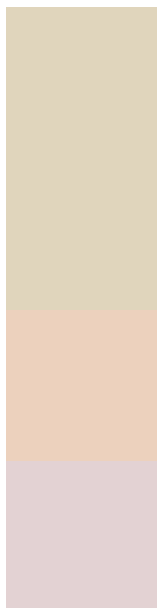
68.2188, 66.8714, 57.4561



Tritanopia

68.3235, 67.1516, 79.8815

Trichromacy



Original Color

63.6118, 67.0666, 57.1694

Protanomaly

63.6118, 67.0666, 57.1694

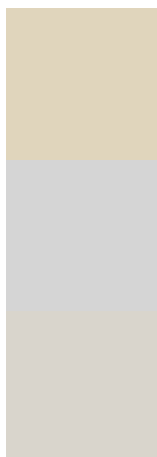
Deuteranomaly

66.5778, 67.1079, 57.5882

Tritanomaly

66.4830, 67.1272, 71.0808

Monochromacy



Original Color

63.6118, 67.0666, 57.1694

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.3086, 66.6998, 66.6644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6118, 67.0666, 57.1694 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(224, 213, 188) looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 188)  
}
```

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(224, 213, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 188) }
```

Border

The CSS property to change the border of an element to XYZ 63.6118, 67.0666, 57.1694 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(224, 213, 188) }
```


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

```
.border{ border-color:rgb(224, 213, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 188);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6118, 67.0666, 57.1694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 188) }
```

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

```
.background{ background-color: rgb(224,  
213, 188) }
```

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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