

Converting Colors

XYZ(65.0665, 67.4929, 57.2170)

Have a look what the booklet for
XYZ(65.0665, 67.4929, 57.2170)
contains.

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Color

**XYZ(64.9337, 67.3758,
57.1594)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D4BC
RGB	229, 212, 188
RGB Percent	90%, 83%, 74%
CMY	0.1020, 0.1686, 0.2627
CMYK	0.00, 0.07, 0.18, 0.10
HSL	35°, 44%, 82%
HSV	35°, 18%, 90%
XYZ	64.9337, 67.3758, 57.1594
YIQ	214.3470, 17.8360, -3.8600

Conversions

Conversions Part 2

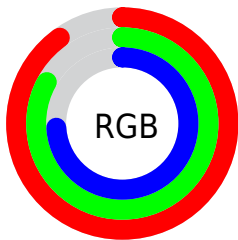
Format	Color
R_{YB}	217, 229, 188
Decimal	15062204
CIE _{Lab}	85.69, 2.03, 13.99
CIE _{LCh}	86, 14.141, 81.736
Yxy	67.3758, 0.3427, 0.3556
Android (android.graphics.Color)	4293252284 (0xFFE5D4BC)
YUV	214.3470, -12.9891, 12.8507
Hunter-Lab	82.0828, -2.4378, 16.1706

Details

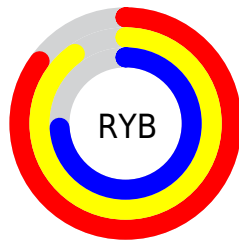
The XYZ color **64.9337, 67.3758, 57.1594** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7130, 60.0099, 82.7233**, and the grayscale version is **64.2281, 67.5730, 73.5870**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **33.6637, 34.7474, 27.8543** is the 20% darker color. If you saturate the color by 10%, you get **60.3552, 61.8606, 44.4050**, and if you desaturate by 10%, it is **70.0471, 73.3328, 72.0262**.

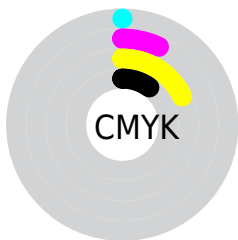
Distribution



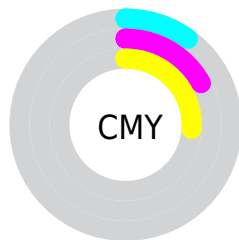
- Red (90%)
- Green (83%)
- Blue (74%)



- Red (85%)
- Yellow (90%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (10%)



- Cyan (10%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9337, 67.3758, 57.1594 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 64.9337, 67.3758, 57.1594 by changing the saturation by 10% instead.

64.9337, 67.3758,
57.1594

64.9337, 67.3758,
57.1594

432.1027,
451.2813, 431.5568

47.6718, 49.3901,
40.7230

111.0208,
115.4587, 102.2004

33.7772, 34.9290,
27.7847

140.5767,
146.3247, 131.6421

22.8846, 23.6082,
17.9258

174.9613,
182.2530, 166.2559

14.6285, 15.0432,
10.7278

214.5400,
223.6278, 206.4605

8.6437, 8.8497,
5.7723

259.6781,
270.8337, 252.6743

4.5648, 4.6433,
2.6406

310.7410,

2.0263, 2.0395,

324.2549, 305.3160

0.9133

368.0941,
384.2760, 364.8039

■ 0.6487, 0.6303,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.9337, 67.3758,
57.1594

■ 64.9337, 67.3758,
57.1594

■ 60.3552, 61.8606,
44.4050

■ 70.0471, 73.3328,
72.0262

■ 56.2854, 56.7661,
33.6610

■ 75.7095, 79.7340,
89.0926

■ 52.7038, 52.0823,
24.8229

■ 81.6660, 86.4835,
106.9965

■ 49.5860, 47.7957,
17.7755

■ 84.5416, 92.2346,
107.9550

■ 46.9053, 43.8913,
12.3905

■ 86.1234, 95.3981,
108.4822

■ 44.6317, 40.3528,
8.5226

■ 42.7301, 37.1619,
6.0008

■ 41.1528, 34.2951,
4.5885

■ 40.8487, 33.7288,
4.3573

Harmonies

Analogous

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



67.9542, 67.3758, 60.2877



64.9337, 67.3758, 57.1594



61.7707, 67.3758, 58.0768

Triad

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



64.9337, 67.3758, 57.1594



58.4522, 67.3758, 80.1326



69.0294, 67.3758, 84.9117

Complementary

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



64.9337, 67.3758, 57.1594



56.7130, 60.0099, 82.7233

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.



66.3615, 67.3758, 91.1154



64.9337, 67.3758, 57.1594



60.2765, 67.3758, 88.1990

Square

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



64.9337, 67.3758, 57.1594



58.0988, 67.3758, 70.8388



63.1519, 67.3758, 92.3663



70.3702, 67.3758, 75.9419

Rectangle

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



64.9337, 67.3758, 57.1594



60.0007, 67.3758, 60.8962



63.1519, 67.3758, 92.3663



68.2539, 67.3758, 87.4198

Sweetspot

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



64.9355, 67.3788, 57.1608



91.4016, 95.8799, 97.8907



61.3266, 57.0372, 65.5882



19.4571, 20.4008, 20.6339



0.0000, 0.0000, 0.0000



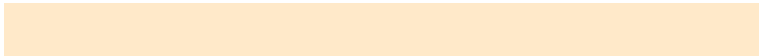
20.3446, 21.4041, 23.3091

Same Dimension

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



64.9355, 67.3788, 57.1608



80.9186, 83.6641, 67.4202



68.3306, 75.7716, 58.6019



15.0746, 15.7631, 15.1525



23.4766, 19.5273, 2.5318



1.8260, 1.6252, 0.2175

Inverse Universe

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



56.7130, 60.0099, 82.7233



68.8197, 72.8222, 105.0366



53.7177, 52.7550, 81.4808



14.0712, 14.8637, 18.2717



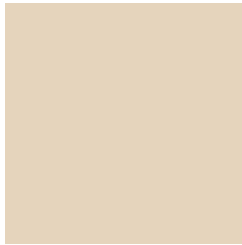
10.5345, 8.1311, 43.3974



0.8683, 0.7805, 3.2369

Previews

White Background



This preview shows how the XYZ color 64.9337, 67.3758, 57.1594 looks on a white background.

Color Contrast Check

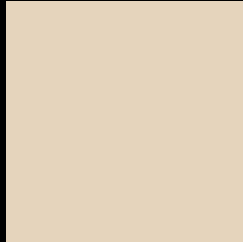
Large Text (above 18pt) WCAG AA × Fail

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 64.9337, 67.3758, 57.1594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

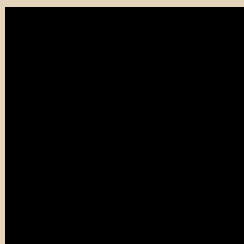
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

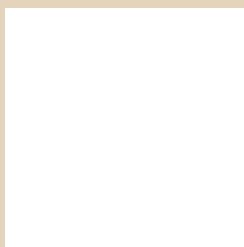
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9337, 67.3758, 57.1594

Background



This preview shows how black text looks on a background with the XYZ color 64.9337, 67.3758, 57.1594.



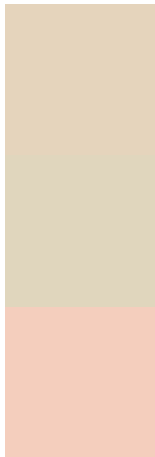
This preview shows how white text looks on a background with the XYZ color 64.9337, 67.3758,

57.1594.

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

64.9337, 67.3758, 57.1594

Protanopia

63.9723, 67.6146, 57.8233

Deuteranopia

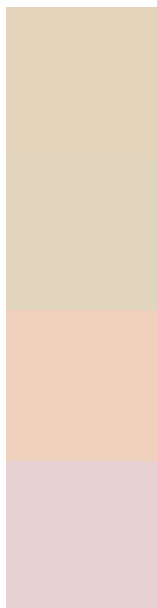
68.5648, 67.0498, 57.4723



Tritanopia

69.5638, 67.4458, 79.1640

Trichromacy



Original Color

64.9337, 67.3758, 57.1594

Protanomaly

64.3436, 67.4314, 57.7684

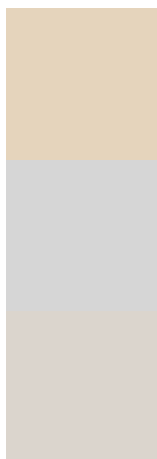
Deuteranomaly

67.3378, 67.1366, 57.5537

Tritanomaly

67.7120, 67.4099, 70.4154

Monochromacy



Original Color

64.9337, 67.3758, 57.1594

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.0271, 67.0563, 67.3262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9337, 67.3758, 57.1594 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(229, 212, 188)` looks like.

```
.text, #text, p{  
    color:rgb(229, 212, 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(229, 212, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 212, 188) }
```

Border

The CSS property to change the border of an element to XYZ 64.9337, 67.3758, 57.1594 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(229, 212, 188) }
```


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

```
.border{ border-color:rgb(229, 212, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 212, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 212, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 212, 188);  
box-shadow:4px 4px 4px 4px rgb(229, 212,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9337, 67.3758, 57.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 212, 188) }
```

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

```
.background{ background-color: rgb(229,  
212, 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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