

Converting Colors

XYZ(65.0537, 67.6430, 62.2755)

Have a look what the booklet for
XYZ(65.0537, 67.6430, 62.2755)
contains.

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Color

**XYZ(65.2363, 67.7885,
62.4695)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D5C5
RGB	226, 213, 197
RGB Percent	89%, 84%, 77%
CMY	0.1137, 0.1647, 0.2274
CMYK	0.00, 0.06, 0.13, 0.11
HSL	33°, 33%, 83%
HSV	33°, 13%, 89%
XYZ	65.2363, 67.7885, 62.4695
YIQ	215.0630, 12.8840, -2.2200

Conversions

Conversions Part 2

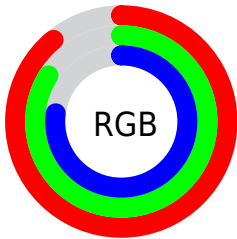
Format	Color
R _Y B	221, 226, 197
Decimal	14865861
CIE Lab	85.90, 1.82, 9.50
CIE LCh	86, 9.676, 79.143
Yxy	67.7885, 0.3337, 0.3468
Android (android.graphics.Color)	4293055941 (0xFFE2D5C5)
YUV	215.0630, -8.9051, 9.5917
Hunter-Lab	82.3338, -2.6515, 12.6483

Details

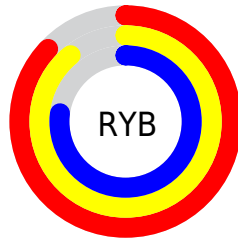
The XYZ color **65.2363, 67.7885, 62.4695** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7997, 63.4531, 81.0479**, and the grayscale version is **64.6878, 68.0566, 74.1137**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **33.9794, 35.0948, 30.9697** is the 20% darker color. If you saturate the color by 10%, you get **60.3706, 61.8949, 49.0150**, and if you desaturate by 10%, it is **70.6531, 74.1616, 78.0247**.

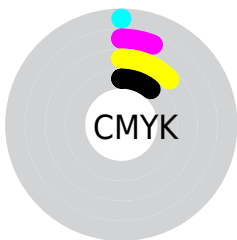
Distribution



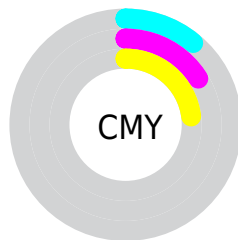
- Red (89%)
- Green (84%)
- Blue (77%)



- Red (87%)
- Yellow (89%)
- Blue (77%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2363, 67.7885, 62.4695 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 65.2363, 67.7885, 62.4695 by changing the saturation by 10% instead.

65.2363, 67.7885,
62.4695

65.2363, 67.7885,
62.4695

433.1724,
452.7463, 451.6965

47.9181, 49.7257,
44.9739

111.4533,
116.0495, 109.9820

33.9730, 35.1955,
31.0941

141.0829,
147.0165, 140.8360

23.0357, 23.8135,
20.4114

175.5470,
183.0537, 176.9798

14.7407, 15.1953,
12.5074

215.2109,
224.5455, 218.8321

8.7227, 8.9566,
6.9635

260.4401,
271.8762, 266.8114

4.6164, 4.7129,
3.3612

311.5998,

2.0564, 2.0798,

325.4304, 321.3362

1.2819

369.0555,
385.5923, 382.8250

■ 0.6654, 0.6532,
0.0469

■ 0.0000, 0.0000,
0.0000

■ 65.2363, 67.7885,
62.4695

■ 65.2363, 67.7885,
62.4695

■ 60.3706, 61.8949,
49.0150

■ 70.6531, 74.1616,
78.0247

■ 56.0304, 56.4591,
37.5652

■ 76.6344, 81.0174,
95.7622

■ 52.1959, 51.4709,
28.0230

■ 81.5812, 87.7227,
107.2401

■ 48.8442, 46.9161,
20.2815

■ 84.7026, 93.9655,
108.2806

■ 45.9498, 42.7795,
14.2232

■ 85.1742, 94.9089,
108.4378

■ 43.4847, 39.0447,
9.7162

■ 41.4170, 35.6937,
6.6089

■ 39.7086, 32.7054,
4.7180

■ 38.6631, 30.7667,
3.9008

Harmonies

Analogous

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



67.2568, 67.7885, 64.9653



65.2363, 67.7885, 62.4695



63.0446, 67.7885, 62.8785

Triad

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



65.2363, 67.7885, 62.4695



60.4914, 67.7885, 77.8820



67.7056, 67.7885, 82.0786

Complementary

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



65.2363, 67.7885, 62.4695



59.7997, 63.4531, 81.0479

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.



65.8374, 67.7885, 85.9406



65.2363, 67.7885, 62.4695



61.6853, 67.7885, 83.4234

Square

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



65.2363, 67.7885, 62.4695



60.3388, 67.7885, 71.5369



63.6322, 67.7885, 86.4464



68.7040, 67.7885, 76.1310

Rectangle

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



65.2363, 67.7885, 62.4695



61.7801, 67.7885, 64.7503



63.6322, 67.7885, 86.4464



67.1565, 67.7885, 83.6780

Sweetspot

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



65.2381, 67.7915, 62.4709



92.0100, 96.4786, 99.9990



62.9701, 60.7578, 69.4148



19.5745, 20.5111, 21.0567



0.0000, 0.0000, 0.0000



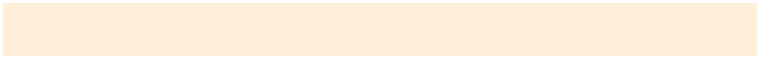
20.3446, 21.4041, 23.3091

Same Dimension

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



65.2381, 67.7915, 62.4709



84.2655, 87.3240, 77.8892



68.1862, 74.3598, 63.5834



14.3312, 14.9484, 14.4368



22.1774, 17.7928, 2.2655



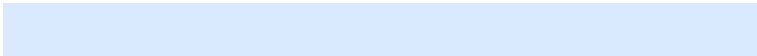
1.6262, 1.4113, 0.1867

Inverse Universe

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



59.7997, 63.4531, 81.0479



75.9827, 80.7168, 106.1829



57.1021, 57.4915, 80.0394



13.4552, 14.2496, 17.4290



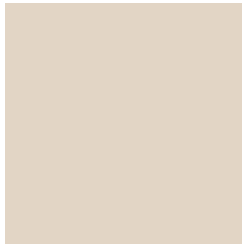
10.6165, 8.7025, 42.1686



0.8243, 0.7800, 2.9524

Previews

White Background



This preview shows how the XYZ color 65.2363, 67.7885, 62.4695 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 65.2363, 67.7885, 62.4695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

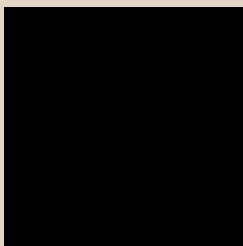
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2363, 67.7885, 62.4695

Background



This preview shows how black text looks on a background with the XYZ color 65.2363, 67.7885, 62.4695.



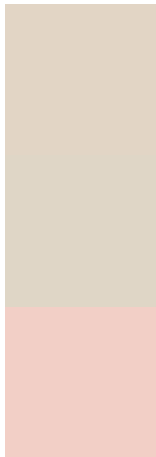
This preview shows how white text looks on a background with the XYZ color 65.2363, 67.7885,

62.4695.

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

65.2363, 67.7885, 62.4695

Protanopia

64.6710, 67.8583, 63.1155

Deuteranopia

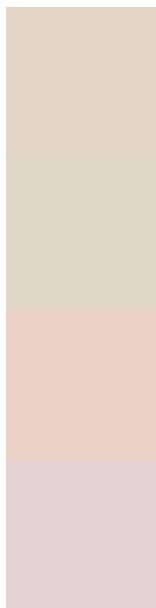
69.1238, 67.5801, 62.8271



Tritanopia

69.0242, 67.8602, 80.6945

Trichromacy



Original Color

65.2363, 67.7885, 62.4695

Protanomaly

64.9801, 68.0176, 63.1300

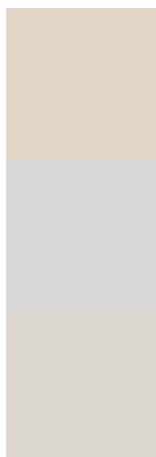
Deuteranomaly

67.5856, 67.5110, 62.8949

Tritanomaly

67.6254, 67.6575, 73.7849

Monochromacy



Original Color

65.2363, 67.7885, 62.4695

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.6452, 67.7073, 69.3362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2363, 67.7885, 62.4695 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(226, 213, 197) looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 197)  
}
```

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(226, 213, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 197) }
```

Border

The CSS property to change the border of an element to XYZ 65.2363, 67.7885, 62.4695 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(226, 213, 197) }
```


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

```
.border{ border-color:rgb(226, 213, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 213, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 213, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 213, 197);  
box-shadow:4px 4px 4px 4px rgb(226, 213,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2363, 67.7885, 62.4695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 213, 197) }
```

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

```
.background{ background-color: rgb(226,  
213, 197) }
```

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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