

Converting Colors

XYZ(65.2087, 65.8254, 67.9168)

Have a look what the booklet for
XYZ(65.2087, 65.8254, 67.9168)
contains.

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Color

**XYZ(65.0605, 65.7367,
67.6519)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D0CE
RGB	226, 208, 206
RGB Percent	89%, 82%, 81%
CMY	0.1137, 0.1843, 0.1922
CMYK	0.00, 0.08, 0.09, 0.11
HSL	6°, 26%, 85%
HSV	6°, 9%, 89%
XYZ	65.0605, 65.7367, 67.6519
YIQ	213.1540, 11.3700, 3.1940

Conversions

Conversions Part 2

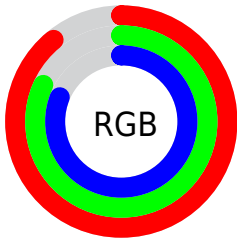
Format	Color
R _Y B	226, 208, 206
Decimal	14864590
CIE Lab	84.86, 5.90, 3.24
CIE LCh	85, 6.733, 28.746
Yxy	65.7367, 0.3278, 0.3313
Android (android.graphics.Color)	4293054670 (0xFFE2D0CE)
YUV	213.1540, -3.5269, 11.2659
Hunter-Lab	81.0782, 1.3490, 7.2829

Details

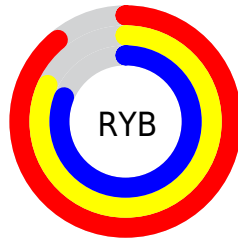
The XYZ color **65.0605, 65.7367, 67.6519** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8366, 71.9230, 82.3649**, and the grayscale version is **63.3679, 66.6680, 72.6014**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0177, 34.0361, 34.4825** is the 20% darker color. If you saturate the color by 10%, you get **57.8662, 55.4300, 52.6683**, and if you desaturate by 10%, it is **73.2890, 77.4785, 84.9295**.

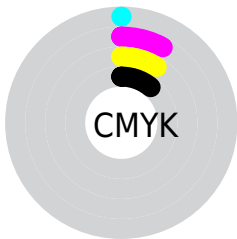
Distribution



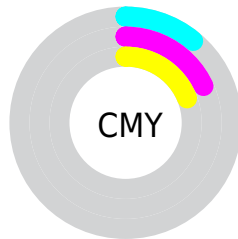
- Red (89%)
- Green (82%)
- Blue (81%)



- Red (89%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0605, 65.7367, 67.6519 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 65.0605, 65.7367, 67.6519 by changing the saturation by 10% instead.

65.0605, 65.7367,
67.6519

65.0605, 65.7367,
67.6519

432.5511,
445.4346, 470.8262

47.7750, 48.0587,
49.1497

111.2021,
113.1083, 117.5035

33.8593, 33.8734,
34.3718

140.7888,
143.5708, 149.6900

22.9479, 22.7963,
22.8997

175.2068,
179.0635, 187.2750

14.6755, 14.4432,
14.3149

214.8212,
219.9708, 230.6770

8.6768, 8.4296,
8.1987

259.9975,
266.6772, 280.3146

4.5864, 4.3710,
4.1328

311.1010,

2.0389, 1.8832,

319.5670, 336.6063

1.6985

368.4971,
379.0247, 399.9707

■ 0.6557, 0.5382,
0.3597

■ 0.0000, 0.0000,
0.0000

■ 65.0605, 65.7367,
67.6519

■ 65.0605, 65.7367,
67.6519

■ 57.8662, 55.4300,
52.6683

■ 73.2890, 77.4785,
84.9295

■ 51.6599, 46.4951,
39.8781

■ 82.5847, 90.6984,
104.5875

■ 46.3999, 38.8766,
29.1796

■ 85.1744, 94.9089,
108.4378

■ 42.0395, 32.5123,
20.4613

■ 38.5280, 27.3348,
13.6016

■ 35.8097, 23.2704,
8.4651

■ 33.8219, 20.2370,
4.8983

■ 32.4927, 18.1412,
2.7201

■ 31.7259, 16.8692,
1.6586

Harmonies

Analogous

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



65.4280, 65.7367, 71.7581



65.0605, 65.7367, 67.6519



63.9989, 65.7367, 64.7018

Triad

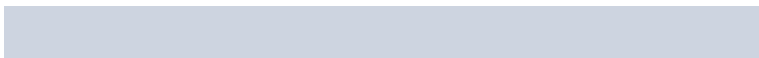
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.0605, 65.7367, 67.6519



60.0319, 65.7367, 67.3490



62.4173, 65.7367, 80.2133

Complementary

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



65.0605, 65.7367, 67.6519



65.8366, 71.9230, 82.3649

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.



60.9868, 65.7367, 78.9208



65.0605, 65.7367, 67.6519



59.6234, 65.7367, 71.3944

Square

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



65.0605, 65.7367, 67.6519



61.0951, 65.7367, 64.5319



59.9701, 65.7367, 75.6492



63.8872, 65.7367, 79.1151

Rectangle

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



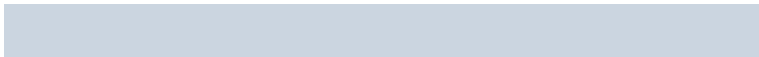
65.0605, 65.7367, 67.6519



63.0490, 65.7367, 63.7283



59.9701, 65.7367, 75.6492



61.9160, 65.7367, 80.0431

Sweetspot

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



65.0623, 65.7396, 67.6533



91.6858, 95.2035, 101.8229



66.8908, 65.6941, 79.6766



19.4367, 20.1094, 21.3997



0.0000, 0.0000, 0.0000



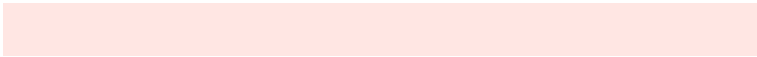
20.3446, 21.4041, 23.3091

Same Dimension

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



65.0623, 65.7396, 67.6533



83.3284, 83.2637, 84.3165



67.5769, 70.7687, 68.4915



13.8172, 13.9203, 14.2654



18.1035, 9.6450, 0.9075



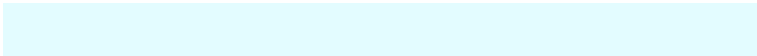
1.2929, 0.7448, 0.0756

Inverse Universe

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



65.8366, 71.9230, 82.3649



84.5827, 93.2827, 108.1551



63.2285, 66.7069, 81.4956



13.9931, 15.3253, 17.6082



20.1132, 27.6959, 45.3341



1.4285, 1.9885, 3.1538

Previews

White Background



This preview shows how the XYZ color 65.0605, 65.7367, 67.6519 looks on a white background.

Color Contrast Check

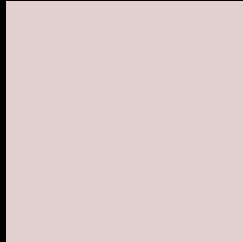
Large Text (above 18pt) WCAG AA × Fail

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 65.0605, 65.7367, 67.6519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

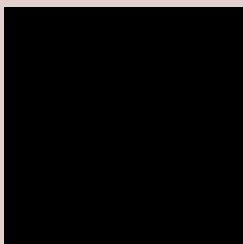
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

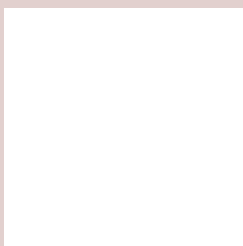
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0605, 65.7367, 67.6519

Background



This preview shows how black text looks on a background with the XYZ color 65.0605, 65.7367, 67.6519.

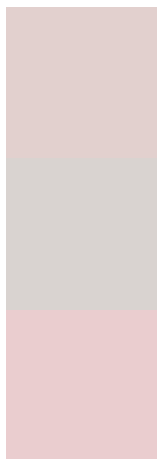


This preview shows how white text looks on a background with the XYZ color 65.0605, 65.7367,

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

65.0605, 65.7367, 67.6519

Protanopia

63.2947, 65.8943, 69.0574

Deuteranopia

67.0255, 65.6601, 68.1725



Tritanopia

67.2510, 65.9105, 78.2847

Trichromacy



Original Color

65.0605, 65.7367, 67.6519

Protanomaly

63.8243, 65.8138, 68.3709

Deuteranomaly

66.2888, 65.6365, 68.2068

Tritanomaly

66.3860, 65.9144, 74.1896

Monochromacy



Original Color

65.0605, 65.7367, 67.6519

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.8406, 66.1471, 70.3757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0605, 65.7367, 67.6519 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, 208, 206) looks like.

```
.text, #text, p{  
    color:rgb(226, 208, 206)  
}
```

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, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 208, 206) }
```

Border

The CSS property to change the border of an element to XYZ 65.0605, 65.7367, 67.6519 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, 208, 206) }
```


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

```
.border{ border-color:rgb(226, 208, 206) }
```

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

Here you see how a box with a 4 pixel rgb(226, 208, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(226, 208,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0605, 65.7367, 67.6519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 208, 206) }
```

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

```
.background{ background-color: rgb(226,  
208, 206) }
```

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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