

Converting Colors

XYZ(65.2462, 68.8058, 65.6479)

Have a look what the booklet for
XYZ(65.2462, 68.8058, 65.6479)
contains.

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Color

**XYZ(65.3407, 68.9056,
65.7334)**

Conversions

Conversions Part 1

Format	Color
Hex	DED8CA
RGB	222, 216, 202
RGB Percent	87%, 85%, 79%
CMY	0.1294, 0.1529, 0.2078
CMYK	0.00, 0.03, 0.09, 0.13
HSL	42°, 23%, 83%
HSV	42°, 9%, 87%
XYZ	65.3407, 68.9056, 65.7334
YIQ	216.1980, 8.0700, -3.0820

Conversions

Conversions Part 2

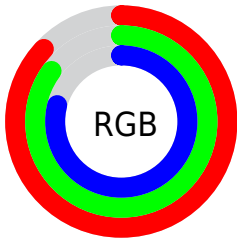
Format	Color
R _Y B	211, 222, 202
Decimal	14604490
CIE Lab	86.46, -0.34, 7.62
CIE LCh	86, 7.625, 92.570
Yxy	68.9056, 0.3267, 0.3446
Android (android.graphics.Color)	4292794570 (0xFFDED8CA)
YUV	216.1980, -6.9996, 5.0884
Hunter-Lab	83.0094, -4.7605, 11.1561

Details

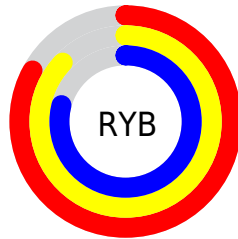
The XYZ color **65.3407, 68.9056, 65.7334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0976, 62.9410, 78.0892**, and the grayscale version is **65.4491, 68.8576, 74.9859**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0265, 35.8433, 33.1420** is the 20% darker color. If you saturate the color by 10%, you get **61.2290, 64.5900, 52.3141**, and if you desaturate by 10%, it is **69.9035, 73.5167, 81.1703**.

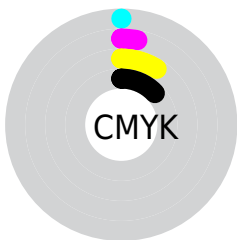
Distribution



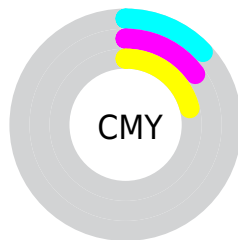
- Red (87%)
- Green (85%)
- Blue (79%)



- Red (83%)
- Yellow (87%)
- Blue (79%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3407, 68.9056, 65.7334 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 65.3407, 68.9056, 65.7334 by changing the saturation by 10% instead.

■ 65.3407, 68.9056,
65.7334

■ 65.3407, 68.9056,
65.7334

433.5412,
456.6980, 463.8010

■ 48.0031, 50.6348,
47.6009

111.6025,
117.6467, 114.7270

■ 34.0406, 35.9181,
33.1532

141.2575,
148.8859, 146.4251

■ 23.0878, 24.3709,
21.9718

175.7489,
185.2166, 183.4822

■ 14.7794, 15.6090,
13.6380

215.4422,
227.0234, 226.3168

■ 8.7500, 9.2479,
7.7335

260.7028,
274.6905, 275.3474

■ 4.6343, 4.9032,
3.8396

311.8959,

■ 2.0669, 2.1906,

328.6023, 330.9926

1.5377

369.3869,
389.1434, 393.6710

■ 0.6711, 0.7149,
0.2458

■ 0.0000, 0.0000,
0.0000

■ 65.3407, 68.9056,
65.7334

■ 65.3407, 68.9056,
65.7334

■ 61.2290, 64.5900,
52.3141

■ 69.9035, 73.5167,
81.1703

■ 57.5458, 60.5527,
40.8230

■ 74.9275, 78.4218,
98.7003

■ 54.2749, 56.7883,
31.1707

■ 78.1615, 82.7239,
106.4555

■ 51.3970, 53.2875,
23.2589

■ 80.1133, 86.6273,
107.1061

■ 48.8906, 50.0407,
16.9798

■ 82.1371, 90.6751,
107.7807

■ 46.7324, 47.0369,
12.2139

■ 83.9345, 94.2697,
108.3798

■ 44.8957, 44.2640,
8.8249

■ 43.3489, 41.7081,
6.6519

■ 42.0433, 39.3481,
5.4422

Harmonies

Analogous

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



67.0679, 68.9056, 66.7295



65.3407, 68.9056, 65.7334



63.6834, 68.9056, 67.1333

Triad

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



65.3407, 68.9056, 65.7334



62.6753, 68.9056, 80.3790



68.5500, 68.9056, 79.5916

Complementary

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



65.3407, 68.9056, 65.7334



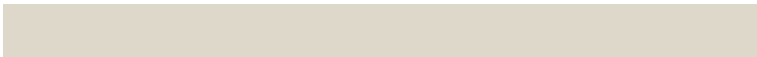
60.0976, 62.9410, 78.0892

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.



67.3359, 68.9056, 83.5154



65.3407, 68.9056, 65.7334



63.9424, 68.9056, 83.9842

Square

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



65.3407, 68.9056, 65.7334



62.1619, 68.9056, 75.4630



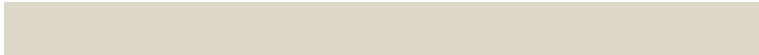
65.6449, 68.9056, 85.1566



68.9404, 68.9056, 74.5917

Rectangle

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



65.3407, 68.9056, 65.7334



62.8356, 68.9056, 69.2752



65.6449, 68.9056, 85.1566



68.2236, 68.9056, 81.0876

Sweetspot

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



65.3426, 68.9086, 65.7349



93.1153, 98.0625, 102.2994



62.6307, 62.3257, 68.4045



19.8219, 20.8799, 21.5281



0.0000, 0.0000, 0.0000



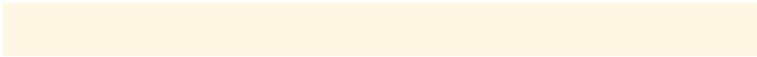
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3426, 68.9086, 65.7349



88.2341, 93.0750, 85.9517



65.6961, 71.4129, 66.1996



14.5068, 15.2995, 14.4953



25.0014, 23.4408, 3.2068



1.8102, 1.7792, 0.2480

Inverse Universe

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



60.0976, 62.9410, 78.0892



79.5240, 83.1651, 106.4689



59.7598, 60.6378, 77.6624



13.2853, 13.9098, 17.3723



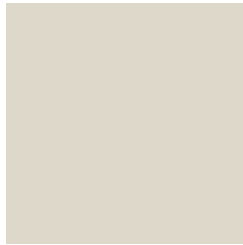
9.0931, 5.6557, 41.6608



0.7070, 0.5455, 2.9133

Previews

White Background



This preview shows how the XYZ color 65.3407, 68.9056, 65.7334 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 65.3407, 68.9056, 65.7334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

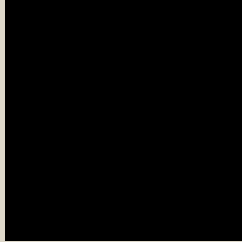
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

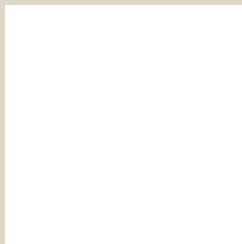
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.3407, 68.9056, 65.7334

Background



This preview shows how black text looks on a background with the XYZ color 65.3407, 68.9056, 65.7334.

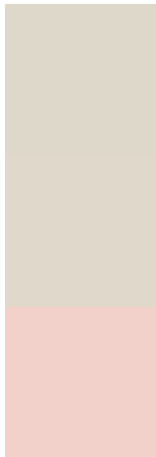


This preview shows how white text looks on a background with the XYZ color 65.3407, 68.9056,

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

65.3407, 68.9056, 65.7334

Protanopia

65.9570, 69.2233, 65.7622

Deuteranopia

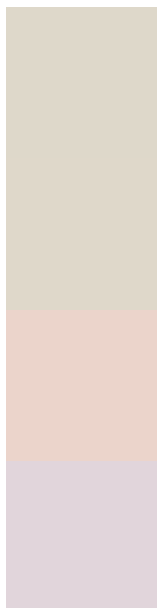
70.1979, 68.7900, 66.0779



Tritanopia

69.0504, 68.9129, 83.7909

Trichromacy



Original Color

65.3407, 68.9056, 65.7334

Protanomaly

65.6480, 69.0640, 65.7478

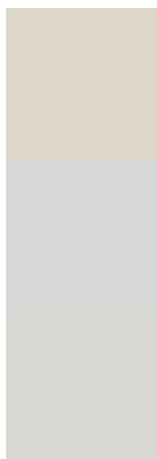
Deuteranomaly

68.5839, 69.0609, 66.2152

Tritanomaly

67.6318, 68.7105, 76.7157

Monochromacy



Original Color

65.3407, 68.9056, 65.7334

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.2272, 68.7203, 71.4545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3407, 68.9056, 65.7334 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(222, 216, 202)` looks like.

```
.text, #text, p{  
    color:rgb(222, 216, 202)  
}
```

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(222, 216, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 216, 202) }
```

Border

The CSS property to change the border of an element to XYZ 65.3407, 68.9056, 65.7334 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(222, 216, 202) }
```


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

```
.border{ border-color:rgb(222, 216, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 216, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 216, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 216, 202);  
box-shadow:4px 4px 4px 4px rgb(222, 216,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3407, 68.9056, 65.7334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 216, 202) }
```

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

```
.background{ background-color: rgb(222,  
216, 202) }
```

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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