

Converting Colors

XYZ(65.8686, 68.8690, 63.2475)

Have a look what the booklet for
XYZ(65.8686, 68.8690, 63.2475)
contains.

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Color

**XYZ(65.8575, 68.8468,
63.2438)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D7C6
RGB	226, 215, 198
RGB Percent	89%, 84%, 78%
CMY	0.1137, 0.1568, 0.2235
CMYK	0.00, 0.05, 0.12, 0.11
HSL	36°, 33%, 83%
HSV	36°, 12%, 89%
XYZ	65.8575, 68.8468, 63.2438
YIQ	216.3510, 12.0130, -2.9550

Conversions

Conversions Part 2

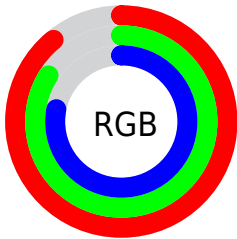
Format	Color
RYB	216, 226, 198
Decimal	14866374
CIELab	86.43, 0.94, 9.73
CIELCh	86, 9.774, 84.457
Yxy	68.8468, 0.3327, 0.3478
Android (android.graphics.Color)	4293056454 (0xFFE2D7C6)
YUV	216.3510, -9.0470, 8.4622
Hunter-Lab	82.9740, -3.5267, 12.8902

Details

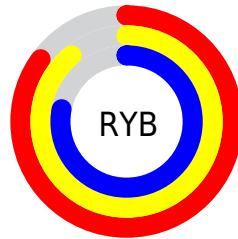
The XYZ color **65.8575, 68.8468, 63.2438** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8165, 63.0966, 80.9784**, and the grayscale version is **65.5652, 68.9796, 75.1188**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3994, 35.8132, 31.4851** is the 20% darker color. If you saturate the color by 10%, you get **61.2444, 63.4852, 49.7905**, and if you desaturate by 10%, it is **70.9860, 74.6153, 78.7896**.

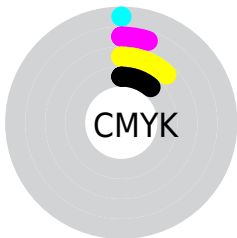
Distribution



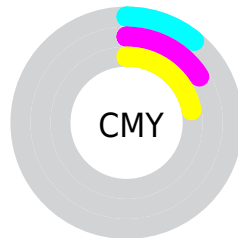
- Red (89%)
- Green (84%)
- Blue (78%)



- Red (85%)
- Yellow (89%)
- Blue (78%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8575, 68.8468, 63.2438 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 65.8575, 68.8468, 63.2438 by changing the saturation by 10% instead.

■ 65.8575, 68.8468,
63.2438

■ 65.8575, 68.8468,
63.2438

435.3638,
456.4905, 454.5860

■ 48.4240, 50.5870,
45.5962

112.3406,
117.5627, 111.1101

■ 34.3754, 35.8800,
31.5809

142.1210,
148.7876, 142.1660

■ 23.3464, 24.3415,
20.7794

176.7477,
185.1030, 178.5283

■ 14.9716, 15.5872,
12.7732

216.5861,
226.8932, 220.6156

■ 8.8857, 9.2325,
7.1437

262.0016,
274.5426, 268.8465

■ 4.7232, 4.8931,
3.4723

313.3594,

■ 2.1189, 2.1847,

328.4357, 323.6395

1.3406

371.0250,
388.9569, 385.4132

■ 0.6994, 0.7116,
0.0947

■ 0.0000, 0.0000,
0.0000

■ 65.8575, 68.8468,
63.2438

■ 65.8575, 68.8468,
63.2438

■ 61.2444, 63.4852,
49.7905

■ 70.9860, 74.6153,
78.7896

■ 57.1219, 58.5107,
38.3341

■ 76.6423, 80.7918,
96.5088

■ 53.4716, 53.9150,
28.7784

■ 81.0567, 86.6737,
107.0653

■ 50.2713, 49.6860,
21.0171

■ 83.7575, 92.0752,
107.9655

■ 47.4971, 45.8108,
14.9336

■ 85.1743, 94.9089,
108.4378

■ 45.1219, 42.2753,
10.3971

■ 43.1154, 39.0636,
7.2574

■ 41.4409, 36.1577,
5.3335

■ 40.3454, 34.1311,
4.4615

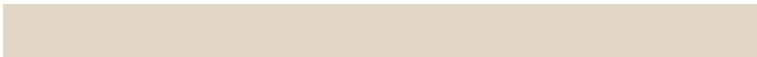
Harmonies

Analogous

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



67.9959, 68.8468, 65.2840



65.8575, 68.8468, 63.2438



63.6539, 68.8468, 64.1937

Triad

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



65.8575, 68.8468, 63.2438



61.5599, 68.8468, 80.2346



69.0372, 68.8468, 82.4332

Complementary

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



65.8575, 68.8468, 63.2438



59.8165, 63.0966, 80.9784

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.



67.2527, 68.8468, 86.8728



65.8575, 68.8468, 63.2438



62.9428, 68.8468, 85.5531

Square

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



65.8575, 68.8468, 63.2438



61.2057, 68.8468, 73.7666



65.0179, 68.8468, 88.0460



69.8586, 68.8468, 76.1711

Rectangle

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



65.8575, 68.8468, 63.2438



62.4399, 68.8468, 66.4246



65.0179, 68.8468, 88.0460



68.5281, 68.8468, 84.2022

Sweetspot

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



65.8594, 68.8498, 63.2453



92.1863, 96.8312, 100.0578



63.0924, 61.1713, 68.9343



19.6191, 20.6004, 21.0716



0.0000, 0.0000, 0.0000



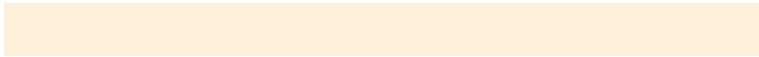
20.3446, 21.4041, 23.3091

Same Dimension

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



65.8594, 68.8498, 63.2453



84.8858, 88.5645, 78.0960



67.8832, 74.1904, 64.1694



14.3964, 15.0788, 14.4585



23.1356, 19.7091, 2.5849



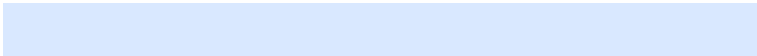
1.6901, 1.5390, 0.2080

Inverse Universe

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



59.8165, 63.0966, 80.9784



75.3832, 79.5178, 105.9831



57.9561, 58.2700, 80.1448



13.3914, 14.1219, 17.4077



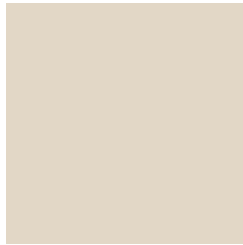
9.9656, 7.4008, 41.9516



0.7762, 0.6838, 2.9363

Previews

White Background



This preview shows how the XYZ color 65.8575, 68.8468, 63.2438 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 65.8575, 68.8468, 63.2438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

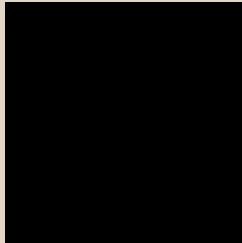
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

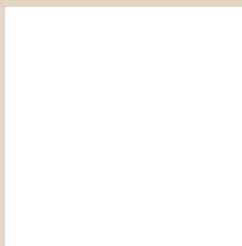
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8575, 68.8468, 63.2438

Background



This preview shows how black text looks on a background with the XYZ color 65.8575, 68.8468, 63.2438.

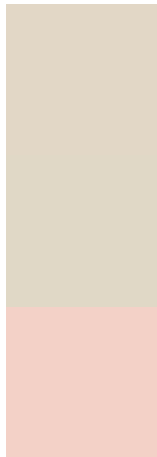


This preview shows how white text looks on a background with the XYZ color 65.8575, 68.8468,

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

65.8575, 68.8468, 63.2438

Protanopia

65.4894, 69.0362, 63.2997

Deuteranopia

70.0714, 68.7791, 63.6154



Tritanopia

69.7925, 68.9576, 82.3047

Trichromacy



Original Color

65.8575, 68.8468, 63.2438

Protanomaly

65.8002, 69.1965, 63.3143

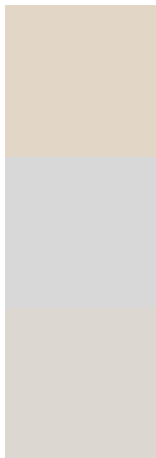
Deuteranomaly

68.5281, 68.7166, 63.6846

Tritanomaly

68.2513, 68.7028, 74.6295

Monochromacy



Original Color

65.8575, 68.8468, 63.2438

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.5797, 68.9308, 70.1702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8575, 68.8468, 63.2438 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, 215, 198) looks like.

```
.text, #text, p{  
    color:rgb(226, 215, 198)  
}
```

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, 215, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 215, 198) }
```

Border

The CSS property to change the border of an element to XYZ 65.8575, 68.8468, 63.2438 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, 215, 198) }
```


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

```
.border{ border-color:rgb(226, 215, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 215, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 215, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 215, 198); box-shadow:4px 4px 4px 4px rgb(226, 215, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8575, 68.8468, 63.2438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 215, 198) }
```

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

```
.background{ background-color: rgb(226,  
215, 198) }
```

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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