

Converting Colors

XYZ(65.1387, 68.3808, 67.5232)

Have a look what the booklet for
XYZ(65.1387, 68.3808, 67.5232)
contains.

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Color

**XYZ(65.1387, 68.3808,
67.5232)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD7CD
RGB	221, 215, 205
RGB Percent	87%, 84%, 80%
CMY	0.1333, 0.1568, 0.1961
CMYK	0.00, 0.03, 0.07, 0.13
HSL	38°, 19%, 84%
HSV	38°, 7%, 87%
XYZ	65.1387, 68.3808, 67.5232
YIQ	215.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

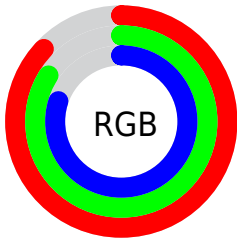
Format	Color
R _Y B	215, 221, 205
Decimal	14538701
CIE Lab	86.20, 0.33, 5.65
CIE LCh	86, 5.657, 86.687
Yxy	68.3808, 0.3240, 0.3401
Android (android.graphics.Color)	4292728781 (0xFFDDD7CD)
YUV	215.6540, -5.2524, 4.6884
Hunter-Lab	82.6927, -4.1041, 9.4713

Details

The XYZ color **65.1387, 68.3808, 67.5232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5222, 64.7871, 77.6701**, and the grayscale version is **65.0678, 68.4564, 74.5490**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8826, 35.4830, 34.3412** is the 20% darker color. If you saturate the color by 10%, you get **60.6020, 63.2788, 53.7659**, and if you desaturate by 10%, it is **70.1629, 73.8531, 83.3037**.

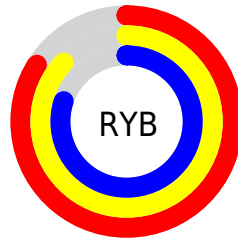
Distribution



Red (87%)

Green (84%)

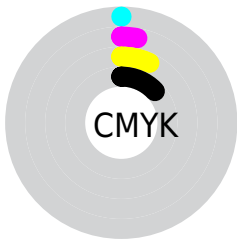
Blue (80%)



Red (84%)

Yellow (87%)

Blue (80%)

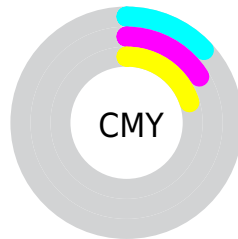


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1387, 68.3808, 67.5232 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 65.1387, 68.3808, 67.5232 by changing the saturation by 10% instead.

■ 65.1387, 68.3808,
67.5232

■ 65.1387, 68.3808,
67.5232

432.8276,
454.8440, 470.3569

■ 47.8387, 50.2076,
49.0457

111.3138,
116.8967, 117.3175

■ 33.9099, 35.5784,
34.2899

140.9197,
148.0083, 149.4714

■ 22.9869, 24.1087,
22.8372

175.3581,
184.2014, 187.0212

■ 14.7045, 15.4143,
14.2692

214.9946,
225.8604, 230.3854

■ 8.6972, 9.1107,
8.1672

260.1944,
273.3698, 279.9825

■ 4.5997, 4.8134,
4.1128

311.3230,

■ 2.0467, 2.1382,

327.1139, 336.2311

1.6874

368.7456,
387.4772, 399.5497

■ 0.6600, 0.6860,
0.3521

■ 0.0000, 0.0000,
0.0000

■ 65.1387, 68.3808,
67.5232

■ 65.1387, 68.3808,
67.5232

■ 60.6020, 63.2788,
53.7659

■ 70.1629, 73.8531,
83.3037

■ 56.5298, 58.5287,
41.9441

■ 75.6851, 79.6956,
101.1814

■ 52.9055, 54.1236,
31.9702

■ 78.9856, 84.8251,
106.8176

■ 49.7094, 50.0529,
23.7481

■ 81.4777, 89.8093,
107.6483

■ 46.9200, 46.3054,
17.1728

■ 83.6292, 94.1123,
108.3655

■ 44.5136, 42.8688,
12.1280

■ 42.4636, 39.7296,
8.4822

■ 40.7389, 36.8726,
6.0812

■ 39.2990, 34.2786,
4.7203

Harmonies

Analogous

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



66.3788, 68.3808, 68.6218



65.1387, 68.3808, 67.5232



63.8758, 68.3808, 68.2301

Triad

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



65.1387, 68.3808, 67.5232



62.7823, 68.3808, 77.7223



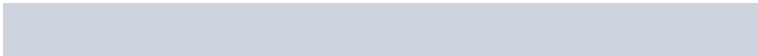
67.1089, 68.3808, 78.4632

Complementary

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



65.1387, 68.3808, 67.5232



61.5222, 64.7871, 77.6701

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.



66.1249, 68.3808, 81.0475



65.1387, 68.3808, 67.5232



63.6284, 68.3808, 80.6098

Square

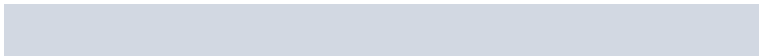
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.1387, 68.3808, 67.5232



62.5261, 68.3808, 74.0414



64.8493, 68.3808, 81.8458



67.5257, 68.3808, 74.8702

Rectangle

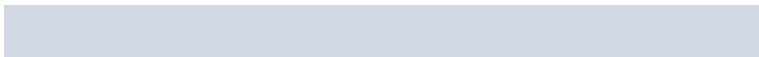
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.1387, 68.3808, 67.5232



63.1890, 68.3808, 69.6435



64.8493, 68.3808, 81.8458



66.8328, 68.3808, 79.4833

Sweetspot

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



65.1406, 68.3838, 67.5247



93.6329, 98.4625, 104.4305



63.4256, 63.7456, 70.6779



20.0562, 21.0912, 22.3992



0.0000, 0.0000, 0.0000



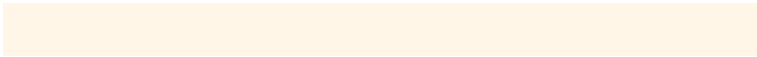
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1406, 68.3838, 67.5247



88.8900, 93.2438, 89.6940



66.1303, 71.2024, 68.0166



13.7309, 14.4011, 13.7816



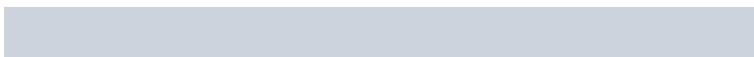
22.7289, 19.7434, 2.6129



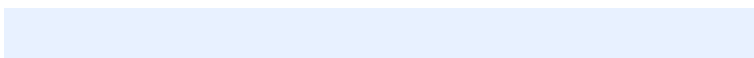
1.5542, 1.4426, 0.1965

Inverse Universe

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



61.5222, 64.7871, 77.6701



82.6969, 87.0881, 107.0588



60.5783, 62.1303, 77.2070



12.7365, 13.4127, 16.5698



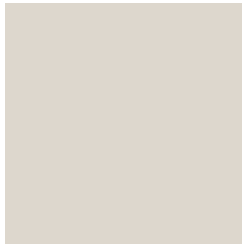
9.4709, 6.8112, 40.5539



0.6948, 0.6036, 2.6543

Previews

White Background



This preview shows how the XYZ color 65.1387, 68.3808, 67.5232 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 65.1387, 68.3808, 67.5232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

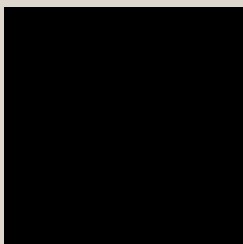
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

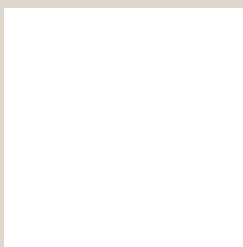
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1387, 68.3808, 67.5232

Background



This preview shows how black text looks on a background with the XYZ color 65.1387, 68.3808, 67.5232.

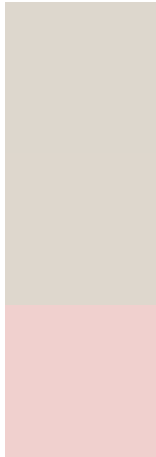


This preview shows how white text looks on a background with the XYZ color 65.1387, 68.3808,

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

65.1387, 68.3808, 67.5232

Protanopia

65.4441, 68.5383, 67.5375

Deuteranopia

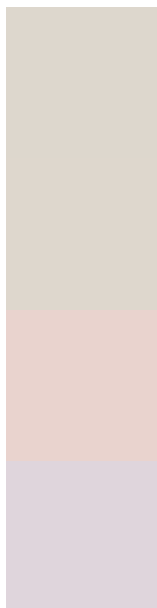
69.6316, 68.0932, 67.8658



Tritanopia

68.2875, 68.5357, 83.0284

Trichromacy



Original Color

65.1387, 68.3808, 67.5232

Protanomaly

65.4441, 68.5383, 67.5375

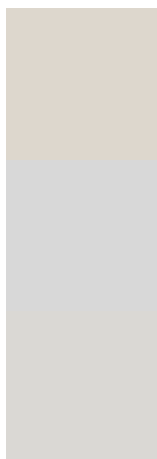
Deuteranomaly

68.0391, 68.3684, 68.0029

Tritanomaly

67.1439, 68.4438, 77.3823

Monochromacy



Original Color

65.1387, 68.3808, 67.5232

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.3530, 68.7706, 72.1169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1387, 68.3808, 67.5232 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(221, 215, 205) looks like.

```
.text, #text, p{  
    color:rgb(221, 215, 205)  
}
```

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(221, 215, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 215, 205) }
```

Border

The CSS property to change the border of an element to XYZ 65.1387, 68.3808, 67.5232 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(221, 215, 205) }
```


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

```
.border{ border-color:rgb(221, 215, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 215, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 215, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 215, 205); box-shadow:4px 4px 4px 4px rgb(221, 215, 205) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1387, 68.3808, 67.5232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 215, 205) }
```

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

```
.background{ background-color: rgb(221,  
215, 205) }
```

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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