

Converting Colors

XYZ(67.5856, 67.5110, 62.8949)

Have a look what the booklet for
XYZ(67.5856, 67.5110, 62.8949)
contains.

| | |
|--|----|
| XYZ(67.5856, 67.5110, 62.8949) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(67.5856, 67.5110,
62.8949)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | ECD1C6 |
| RGB | 236, 209, 198 |
| RGB Percent | 93%, 82%, 78% |
| CMY | 0.0745, 0.1804, 0.2235 |
| CMYK | 0.00, 0.11, 0.16, 0.07 |
| HSL | 17°, 50%, 85% |
| HSV | 17°, 16%, 93% |
| XYZ | 67.5856, 67.5110, 62.8949 |
| YIQ | 215.8190, 19.6230, 2.3030 |

Conversions

Conversions Part 2

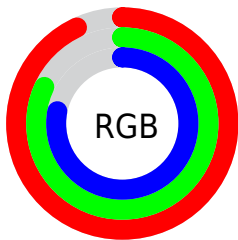
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 236, 213, 198 |
| Decimal | 15520198 |
| CIE Lab | 85.76, 7.65, 8.89 |
| CIE LCh | 86, 11.729, 49.258 |
| Yxy | 67.5110, 0.3414, 0.3410 |
| Android (android.graphics.Color) | 4293710278 (0xFFECD1C6) |
| YUV | 215.8190, -8.7848, 17.6987 |
| Hunter-Lab | 82.1651, 3.0378, 12.1308 |

Details

The XYZ color **67.5856, 67.5110, 62.8949** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.3539, 71.9109, 89.7932**, and the grayscale version is **65.1971, 68.5925, 74.6972**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5778, 35.1596, 31.2969** is the 20% darker color. If you saturate the color by 10%, you get **61.1739, 58.7094, 48.3578**, and if you desaturate by 10%, it is **74.8581, 77.3541, 79.8131**.

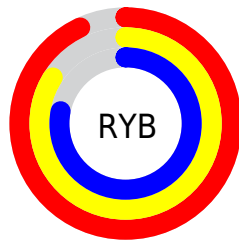
Distribution



Red (93%)

Green (82%)

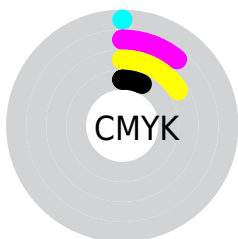
Blue (78%)



Red (93%)

Yellow (84%)

Blue (78%)

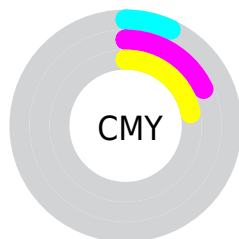


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5856, 67.5110, 62.8949 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 67.5856, 67.5110, 62.8949 by changing the saturation by 10% instead.

67.5856, 67.5110,
62.8949

67.5856, 67.5110,
62.8949

441.4262,
451.7615, 453.2854

49.8331, 49.5000,
45.3157

114.8043,
115.6523, 110.6020

35.4981, 35.0163,
31.3614

145.0012,
146.5514, 141.5670

24.2151, 23.6754,
20.6135

180.0770,
182.5154, 177.8310

15.6189, 15.0930,
12.6533

220.3970,
223.9286, 219.8126

9.3440, 8.8847,
7.0623

266.3265,
271.1754, 267.9303

5.0251, 4.6661,
3.4221

318.2310,

2.2969, 2.0527,

324.6402, 322.6026

1.3140

376.4758,
384.7075, 384.2481

■ 0.7931, 0.6378,
0.0732

■ 0.0000, 0.0000,
0.0000

■ 67.5856, 67.5110,
62.8949

■ 67.5856, 67.5110,
62.8949

■ 61.1739, 58.7094,
48.3578

■ 74.8581, 77.3541,
79.8131

■ 55.5846, 50.9057,
36.0898

■ 83.0169, 88.2625,
99.2087

■ 50.7843, 44.0666,
25.9766

■ 88.4024, 96.5730,
108.5889

■ 46.7353, 38.1533,
17.8919

■ 43.3964, 33.1242,
11.6960

■ 40.7220, 28.9345,
7.2316

■ 38.6605, 25.5346,
4.3153

■ 37.1506, 22.8689,
2.7203

■ 36.6803, 22.0088,
2.3149

Harmonies

Analogous

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



69.1502, 67.5110, 68.7522



67.5856, 67.5110, 62.8949



65.1313, 67.5110, 59.9549

Triad

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



67.5856, 67.5110, 62.8949



59.2417, 67.5110, 70.7945



65.8800, 67.5110, 88.3216

Complementary

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



67.5856, 67.5110, 62.8949



65.3539, 71.9109, 89.7932

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.



63.2126, 67.5110, 88.9635



67.5856, 67.5110, 62.8949



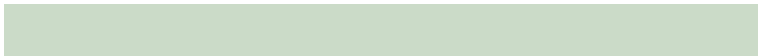
59.4295, 67.5110, 78.4783

Square

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



67.5856, 67.5110, 62.8949



60.3457, 67.5110, 64.3004



60.8660, 67.5110, 85.2525



68.1467, 67.5110, 83.5551

Rectangle

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



67.5856, 67.5110, 62.8949



63.3426, 67.5110, 59.8971



60.8660, 67.5110, 85.2525



64.9989, 67.5110, 89.0388

Sweetspot

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



67.5874, 67.5140, 62.8963



90.2428, 93.5622, 97.5044



68.4094, 63.6710, 80.0861



19.1757, 19.8381, 20.5401



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.



67.5874, 67.5140, 62.8963



78.1933, 77.2346, 69.5300



72.4651, 77.2694, 64.5222



15.4208, 15.7646, 15.7488



20.3150, 12.3243, 1.3081



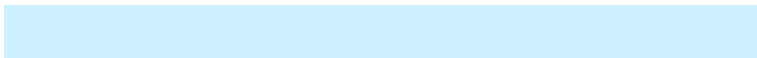
1.6754, 1.1280, 0.1294

Inverse Universe

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



65.3539, 71.9109, 89.7932



75.1029, 83.3132, 106.7305



60.5574, 62.3179, 88.1944



15.1278, 16.3421, 19.2793



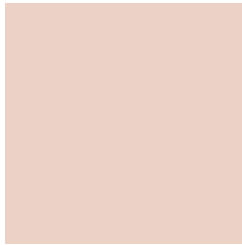
16.1460, 18.9389, 46.5476



1.3498, 1.6511, 3.6824

Previews

White Background



This preview shows how the XYZ color 67.5856, 67.5110, 62.8949 looks on a white background.

Color Contrast Check

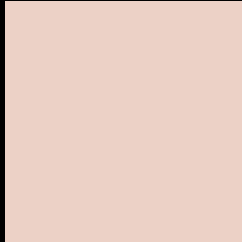
Large Text (above 18pt) WCAG AA × Fail

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 67.5856, 67.5110, 62.8949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

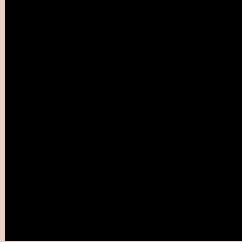
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5856, 67.5110, 62.8949

Background



This preview shows how black text looks on a background with the XYZ color 67.5856, 67.5110, 62.8949.

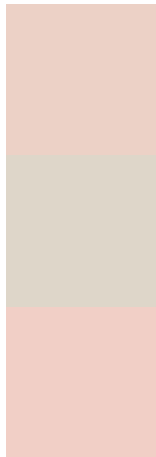


This preview shows how white text looks on a background with the XYZ color 67.5856, 67.5110,

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

67.5856, 67.5110, 62.8949

Protanopia

64.7134, 67.8398, 64.9420

Deuteranopia

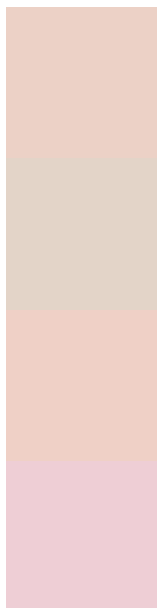
68.7815, 67.4036, 62.8111



Tritanopia

70.6127, 67.2873, 78.3733

Trichromacy



Original Color

67.5856, 67.5110, 62.8949

Protanomaly

65.6474, 67.5880, 64.2294

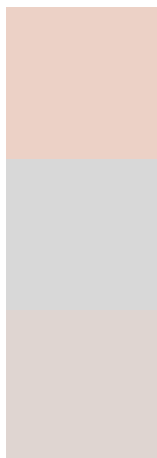
Deuteranomaly

68.3455, 67.5397, 62.8603

Tritanomaly

69.3414, 67.1239, 72.2523

Monochromacy



Original Color

67.5856, 67.5110, 62.8949

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.7343, 67.8799, 69.9592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5856, 67.5110, 62.8949 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(236, 209, 198) looks like.

```
.text, #text, p{  
    color:rgb(236, 209, 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(236, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 209, 198) }
```

Border

The CSS property to change the border of an element to XYZ 67.5856, 67.5110, 62.8949 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(236, 209, 198) }
```


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

```
.border{ border-color:rgb(236, 209, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 209, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 209, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 209, 198);  
box-shadow:4px 4px 4px 4px rgb(236, 209,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5856, 67.5110, 62.8949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 209, 198) }
```

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

```
.background{ background-color: rgb(236,  
209, 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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