

Converting Colors

XYZ(67.4008, 67.8266, 62.9672)

Have a look what the booklet for
XYZ(67.4008, 67.8266, 62.9672)
contains.

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Color

**XYZ(67.5006, 67.8326,
62.9614)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EBD2C6 |
| RGB | 235, 210, 198 |
| RGB Percent | 92%, 82%, 78% |
| CMY | 0.0784, 0.1764, 0.2235 |
| CMYK | 0.00, 0.11, 0.16, 0.08 |
| HSL | 19°, 48%, 85% |
| HSV | 19°, 16%, 92% |
| XYZ | 67.5006, 67.8326, 62.9614 |
| YIQ | 216.1070, 18.7520, 1.5680 |

Conversions

Conversions Part 2

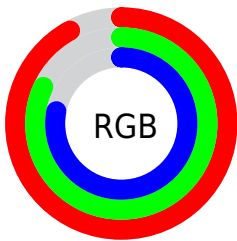
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 235, 216, 198 |
| Decimal | 15454918 |
| CIE Lab | 85.92, 6.77, 9.11 |
| CIE LCh | 86, 11.348, 53.361 |
| Yxy | 67.8326, 0.3404, 0.3421 |
| Android (android.graphics.Color) | 4293644998 (0xFFEBD2C6) |
| YUV | 216.1070, -8.9268, 16.5692 |
| Hunter-Lab | 82.3605, 2.1631, 12.3275 |

Details

The XYZ color **67.5006, 67.8326, 62.9614** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.6714, 70.7777, 88.8508**, and the grayscale version is **65.3947, 68.8003, 74.9235**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5129, 35.3743, 31.3417** is the 20% darker color. If you saturate the color by 10%, you get **61.2710, 59.3794, 48.5332**, and if you desaturate by 10%, it is **74.5434, 77.2378, 79.7371**.

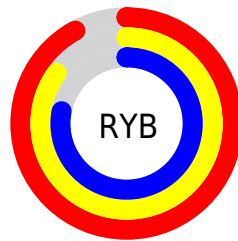
Distribution



Red (92%)

Green (82%)

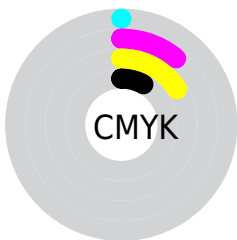
Blue (78%)



Red (92%)

Yellow (85%)

Blue (78%)

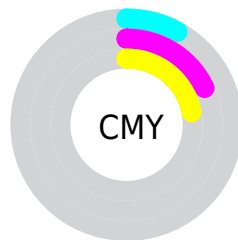


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5006, 67.8326, 62.9614 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 67.5006, 67.8326, 62.9614 by changing the saturation by 10% instead.

67.5006, 67.8326,
62.9614

67.5006, 67.8326,
62.9614

441.1291,
452.9027, 453.5335

49.7637, 49.7616,
45.3692

114.6833,
116.1126, 110.6989

35.4427, 35.2240,
31.4033

144.8598,
147.0904, 141.6812

24.1722, 23.8355,
20.6451

179.9136,
183.1392, 177.9640

15.5869, 15.2116,
12.6761

220.2100,
224.6435, 219.9657

9.3213, 8.9680,
7.0778

266.1144,
271.9876, 268.1050

5.0101, 4.7203,
3.4316

317.9922,

2.2880, 2.0841,

325.5559, 322.8004

1.3190

376.2086,
385.7328, 384.4704

■ 0.7885, 0.6557,
0.0773

■ 0.0000, 0.0000,
0.0000

■ 67.5006, 67.8326,
62.9614

■ 67.5006, 67.8326,
62.9614

■ 61.2710, 59.3794,
48.5332

■ 74.5434, 77.2378,
79.7371

■ 55.8183, 51.8389,
36.3427

■ 82.4227, 87.6146,
98.9547

■ 51.1119, 45.1821,
26.2775

■ 88.0712, 96.4023,
108.5734

■ 47.1166, 39.3751,
18.2139

■ 43.7942, 34.3817,
12.0150

■ 41.1023, 30.1628,
7.5267

■ 38.9930, 26.6753,
4.5696

■ 37.4093, 23.8709,
2.9230

■ 36.8626, 22.8650,
2.4705

Harmonies

Analogous

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



69.1691, 67.8326, 68.3285



67.5006, 67.8326, 62.9614



65.0522, 67.8326, 60.5377

Triad

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



67.5006, 67.8326, 62.9614



59.6364, 67.8326, 72.2163



66.4743, 67.8326, 87.7879

Complementary

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



67.5006, 67.8326, 62.9614



64.6714, 70.7777, 88.8508

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.



63.8970, 67.8326, 89.0020



67.5006, 67.8326, 62.9614



59.9942, 67.8326, 79.6784

Square

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



67.5006, 67.8326, 62.9614



60.5464, 67.8326, 65.6441



61.5370, 67.8326, 85.9448



68.5655, 67.8326, 82.7304

Rectangle

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



67.5006, 67.8326, 62.9614



63.3252, 67.8326, 60.7932



61.5370, 67.8326, 85.9448



65.6343, 67.8326, 88.6725

Sweetspot

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



67.5024, 67.8356, 62.9628



90.3781, 93.8329, 97.5495



67.8133, 63.3942, 78.6754



19.2085, 19.9037, 20.5510



0.0000, 0.0000, 0.0000



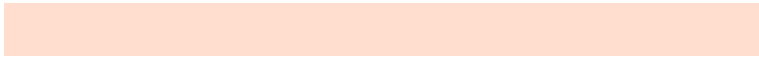
20.3446, 21.4041, 23.3091

Same Dimension

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



67.5024, 67.8356, 62.9628



78.6404, 78.1288, 69.6790



72.2577, 77.3462, 64.5479



15.4645, 15.8520, 15.7634



20.6185, 12.9312, 1.4093



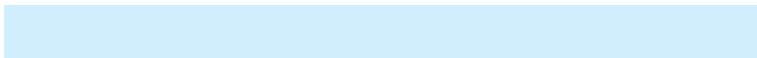
1.7036, 1.1845, 0.1388

Inverse Universe

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



64.6714, 70.7777, 88.8508



74.6053, 82.3181, 106.5646



60.0645, 61.5639, 87.3151



15.0819, 16.2502, 19.2639



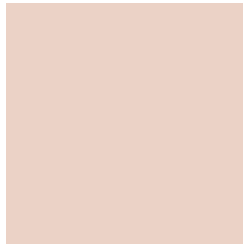
15.3432, 17.3334, 46.2800



1.2915, 1.5346, 3.6630

Previews

White Background



This preview shows how the XYZ color 67.5006, 67.8326, 62.9614 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 67.5006, 67.8326, 62.9614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

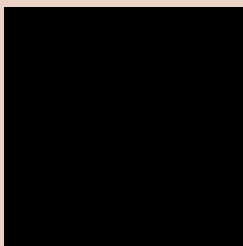
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5006, 67.8326, 62.9614

Background



This preview shows how black text looks on a background with the XYZ color 67.5006, 67.8326, 62.9614.



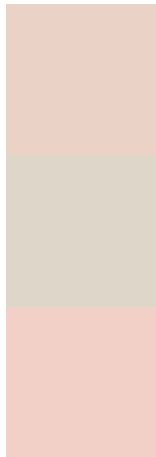
This preview shows how white text looks on a background with the XYZ color 67.5006, 67.8326, 62.9614.

62.9614.

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

67.5006, 67.8326, 62.9614

Protanopia

64.5961, 67.7929, 64.3243

Deuteranopia

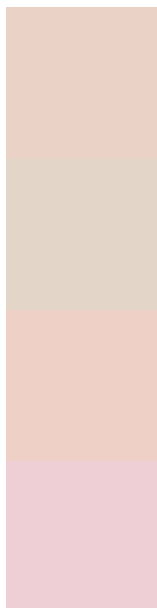
69.2396, 67.6264, 63.4367



Tritanopia

70.5160, 67.5937, 78.4375

Trichromacy



Original Color

67.5006, 67.8326, 62.9614

Protanomaly

65.7816, 68.0429, 63.6994

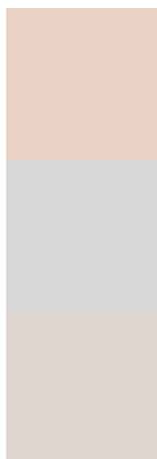
Deuteranomaly

68.4613, 67.5860, 63.4699

Tritanomaly

69.2481, 67.4343, 72.3171

Monochromacy



Original Color

67.5006, 67.8326, 62.9614

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.9866, 68.3846, 70.0433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5006, 67.8326, 62.9614 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(235, 210, 198)` looks like.

```
.text, #text, p{  
  color:rgb(235, 210, 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(235, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 210, 198) }
```

Border

The CSS property to change the border of an element to XYZ 67.5006, 67.8326, 62.9614 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(235, 210, 198) }
```


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

```
.border{ border-color:rgb(235, 210, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 210, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 210, 198);  
box-shadow:4px 4px 4px 4px rgb(235, 210,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5006, 67.8326, 62.9614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 210, 198) }
```

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

```
.background{ background-color: rgb(235,  
210, 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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