

Converting Colors

XYZ(65.7550, 64.0896, 63.7192)

Have a look what the booklet for
XYZ(65.7550, 64.0896, 63.7192)
contains.

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Color

**XYZ(65.8068, 64.0734,
63.5426)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCAC8
RGB	235, 202, 200
RGB Percent	92%, 79%, 78%
CMY	0.0784, 0.2078, 0.2157
CMYK	0.00, 0.14, 0.15, 0.08
HSL	3°, 47%, 85%
HSV	3°, 15%, 92%
XYZ	65.8068, 64.0734, 63.5426
YIQ	211.6390, 20.3100, 6.3740

Conversions

Conversions Part 2

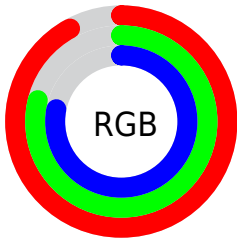
Format	Color
R _Y B	235, 202, 200
Decimal	15452872
CIE Lab	84.00, 11.28, 5.29
CIE LCh	84, 12.457, 25.112
Yxy	64.0734, 0.3402, 0.3313
Android (android.graphics.Color)	4293642952 (0xFFEBCAC8)
YUV	211.6390, -5.7380, 20.4876
Hunter-Lab	80.0459, 6.6670, 8.9661

Details

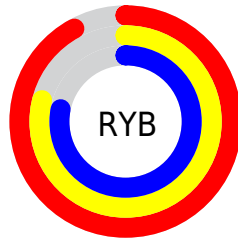
The XYZ color **65.8068, 64.0734, 63.5426** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.9532, 76.5535, 89.7926**, and the grayscale version is **62.3686, 65.6166, 71.4565**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3686, 32.8388, 31.7212** is the 20% darker color. If you saturate the color by 10%, you get **58.4387, 53.3994, 48.5619**, and if you desaturate by 10%, it is **74.3469, 76.4145, 80.9981**.

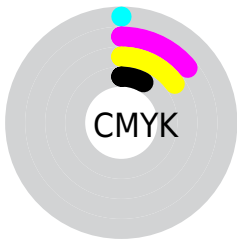
Distribution



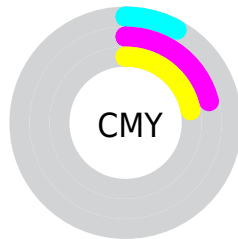
- Red (92%)
- Green (79%)
- Blue (78%)



- Red (92%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (8%)



- Cyan (8%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8068, 64.0734, 63.5426 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 65.8068, 64.0734, 63.5426 by changing the saturation by 10% instead.

65.8068, 64.0734,
63.5426

65.8068, 64.0734,
63.5426

435.1851,
439.4547, 455.6981

48.3827, 46.7101,
45.8365

112.2683,
110.7166, 111.5451

34.3426, 32.8066,
31.7691

142.0363,
140.7654, 142.6785

23.3210, 21.9783,
20.9218

176.6498,
175.8114, 179.1248

14.9527, 13.8410,
12.8762

216.4740,
216.2391, 221.3025

8.8723, 8.0101,
7.2136

261.8743,
262.4329, 269.6301

4.7144, 4.1014,
3.5156

313.2160,

2.1137, 1.7305,

314.7772, 324.5262

1.3635

370.8645,
373.6563, 386.4094

■ 0.6967, 0.4433,
0.1130

■ 0.0000, 0.0000,
0.0000

■ 65.8068, 64.0734,
63.5426

■ 65.8068, 64.0734,
63.5426

■ 58.4387, 53.3994,
48.5619

■ 74.3469, 76.4145,
80.9981

■ 52.1863, 44.3128,
35.9403

■ 84.1014, 90.4807,
101.0289

■ 46.9970, 36.7405,
25.5586

■ 88.0712, 96.4023,
108.5734

■ 42.8114, 30.6001,
17.2860

■ 39.5645, 25.8015,
10.9779

■ 37.1837, 22.2442,
6.4716

■ 35.5856, 19.8137,
3.5783

■ 34.6703, 18.3744,
2.0671

■ 34.4110, 17.9620,
1.6533

Harmonies

Analogous

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



66.3134, 64.0734, 71.0614



65.8068, 64.0734, 63.5426



63.9700, 64.0734, 58.0822

Triad

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



65.8068, 64.0734, 63.5426



56.6708, 64.0734, 61.4687



60.4511, 64.0734, 85.9416

Complementary

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



65.8068, 64.0734, 63.5426



67.9532, 76.5535, 89.7926

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.



57.9296, 64.0734, 82.9179



65.8068, 64.0734, 63.5426



55.7893, 64.0734, 68.4845

Square

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



65.8068, 64.0734, 63.5426



58.6865, 64.0734, 56.9494



56.2431, 64.0734, 76.3810



63.1681, 64.0734, 84.3720

Rectangle

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



65.8068, 64.0734, 63.5426



62.2665, 64.0734, 56.1482



56.2431, 64.0734, 76.3810



59.5533, 64.0734, 85.4225

Sweetspot

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



65.8086, 64.0763, 63.5440



90.4597, 93.3779, 99.4822



69.6596, 64.8691, 86.1282



19.1830, 19.7282, 20.9263



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.



65.8086, 64.0763, 63.5440



76.2367, 72.8198, 70.4241



70.0837, 72.6266, 64.9690



15.1347, 15.1924, 15.6535



19.1803, 10.0549, 0.9299



1.5306, 0.8384, 0.0812

Inverse Universe

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



67.9532, 76.5535, 89.7926



79.3000, 90.6442, 107.9243



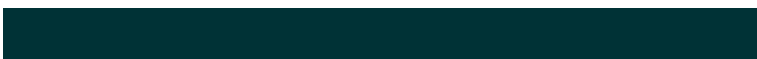
63.3075, 67.2621, 88.2440



15.4395, 16.9654, 19.3832



22.8485, 32.3439, 48.7817



1.8167, 2.5849, 3.8381

Previews

White Background



This preview shows how the XYZ color 65.8068, 64.0734, 63.5426 looks on a white background.

Color Contrast Check

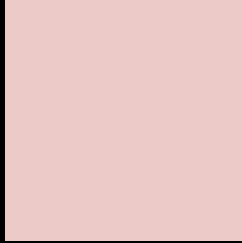
Large Text (above 18pt) WCAG AA × Fail

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 65.8068, 64.0734, 63.5426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

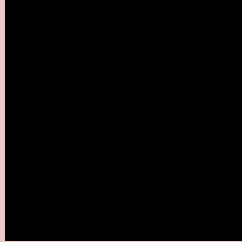
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8068, 64.0734, 63.5426

Background



This preview shows how black text looks on a background with the XYZ color 65.8068, 64.0734, 63.5426.



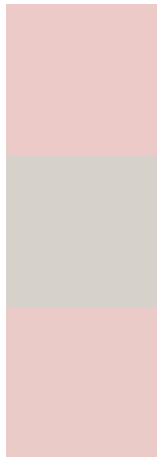
This preview shows how white text looks on a background with the XYZ color 65.8068, 64.0734,

63.5426.

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

65.8068, 64.0734, 63.5426

Protanopia

61.7239, 64.4076, 66.3055

Deuteranopia

65.7129, 64.3744, 63.6056



Tritanopia

67.8451, 64.2194, 73.1097

Trichromacy



Original Color

65.8068, 64.0734, 63.5426

Protanomaly

62.9750, 63.9840, 65.5309

Deuteranomaly

65.7129, 64.3744, 63.6056

Tritanomaly

67.1116, 64.2593, 69.8389

Monochromacy



Original Color

65.8068, 64.0734, 63.5426

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.4562, 64.8815, 68.8534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8068, 64.0734, 63.5426 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, 202, 200)` looks like.

```
.text, #text, p{  
    color:rgb(235, 202, 200)  
}
```

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, 202, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 202, 200) }
```

Border

The CSS property to change the border of an element to XYZ 65.8068, 64.0734, 63.5426 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, 202, 200) }
```


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

```
.border{ border-color:rgb(235, 202, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 202, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 202, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 202, 200);  
box-shadow:4px 4px 4px 4px rgb(235, 202,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8068, 64.0734, 63.5426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 202, 200) }
```

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

```
.background{ background-color: rgb(235,  
202, 200) }
```

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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