

Converting Colors

XYZ(64.3438, 61.8644, 54.3403)

Have a look what the booklet for
XYZ(64.3438, 61.8644, 54.3403)
contains.

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Color

**XYZ(64.3198, 61.7860,
54.4348)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC5B9
RGB	239, 197, 185
RGB Percent	94%, 77%, 73%
CMY	0.0627, 0.2274, 0.2745
CMYK	0.00, 0.18, 0.23, 0.06
HSL	13°, 63%, 83%
HSV	13°, 23%, 94%
XYZ	64.3198, 61.7860, 54.4348
YIQ	208.1900, 28.8840, 5.1720

Conversions

Conversions Part 2

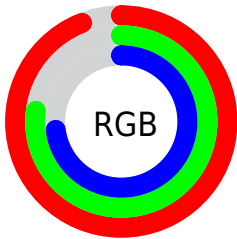
Format	Color
R_{YB}	239, 200, 185
Decimal	15713721
CIE _{Lab}	82.80, 13.11, 11.61
CIE _{LCh}	83, 17.515, 41.520
Yxy	61.7860, 0.3563, 0.3422
Android (android.graphics.Color)	4293903801 (0xFFEFC5B9)
YUV	208.1900, -11.4327, 27.0204
Hunter-Lab	78.6041, 8.5051, 13.9634

Details

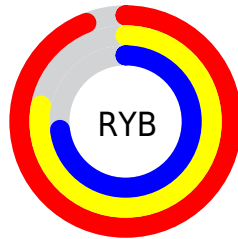
The XYZ color **64.3198, 61.7860, 54.4348** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.0560, 71.4825, 92.1358**, and the grayscale version is **60.1375, 63.2694, 68.9003**.

A 20% lighter version of the original color is **92.5590, 98.4945, 97.3520**, and **33.2787, 31.2559, 26.1088** is the 20% darker color. If you saturate the color by 10%, you get **58.0426, 52.9354, 40.9235**, and if you desaturate by 10%, it is **71.5449, 71.8527, 70.3558**.

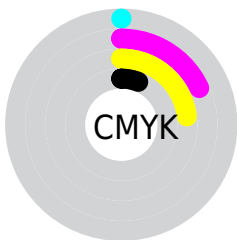
Distribution



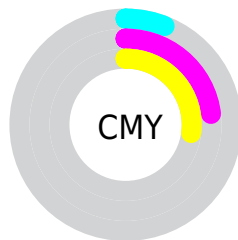
- Red (94%)
- Green (77%)
- Blue (73%)



- Red (94%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (6%)





- Cyan (6%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3198, 61.7860, 54.4348 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 64.3198, 61.7860, 54.4348 by changing the saturation by 10% instead.

 64.3198, 61.7860,
54.4348

 64.3198, 61.7860,
54.4348


429.9275,
431.1501, 420.9873

 47.1724, 44.8598,
38.5538


 110.1425,
107.4162, 98.1752

 33.3805, 31.3470,
26.1077


139.5486,
136.8890, 126.8717

 22.5787, 20.8632,
16.6777


173.7715,
171.3127, 160.6771

 14.4017, 13.0241,
9.8455

213.1768,
211.0719, 200.0101

 8.4842, 7.4451,
5.1923

258.1296,
256.5508, 245.2890

 4.4607, 3.7420,
2.2998

308.9955,

 1.9659, 1.5303,

308.1338, 296.9325

0.7311

366.1396,
366.2055, 355.3591

■ 0.6147, 0.3099,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3198, 61.7860,
54.4348

■ 64.3198, 61.7860,
54.4348

■ 58.0426, 52.9354,
40.9235

■ 71.5449, 71.8527,
70.3558

■ 52.6683, 45.2462,
29.7002

■ 79.7504, 83.1706,
88.7925

■ 48.1555, 38.6720,
20.6382

■ 88.6984, 95.6740,
108.3998

■ 44.4575, 33.1601,
13.5972

■ 89.4068, 97.0908,
108.6359

■ 41.5230, 28.6533,
8.4196

■ 39.2944, 25.0887,
4.9248

■ 37.7046, 22.3957,
2.8951

■ 36.8759, 20.9090,
2.0923

Harmonies

Analogous

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



66.1157, 61.7860, 63.2148



64.3198, 61.7860, 54.4348



61.0527, 61.7860, 49.4496

Triad

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



64.3198, 61.7860, 54.4348



52.1180, 61.7860, 60.9085



60.1847, 61.7860, 89.7258

Complementary

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



64.3198, 61.7860, 54.4348



63.0560, 71.4825, 92.1358

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.



56.4587, 61.7860, 88.9380



64.3198, 61.7860, 54.4348



51.9080, 61.7860, 71.5043

Square

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



64.3198, 61.7860, 54.4348



54.0523, 61.7860, 52.9023



53.4658, 61.7860, 81.9893



63.6611, 61.7860, 84.0389

Rectangle

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



64.3198, 61.7860, 54.4348



58.5338, 61.7860, 48.5890



53.4658, 61.7860, 81.9893



58.9181, 61.7860, 90.2244

Sweetspot

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



64.3215, 61.7888, 54.4361



88.0383, 90.3638, 93.0376



66.8527, 58.6120, 80.6806



18.7202, 19.1711, 19.6360



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.



64.3215, 61.7888, 54.4361



71.1120, 66.7977, 55.6833



70.9292, 75.0042, 56.6387



16.0578, 16.3286, 16.4551



20.4581, 11.7142, 1.1828



1.7737, 1.1182, 0.1223

Inverse Universe

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



63.0560, 71.4825, 92.1358



69.4063, 79.8181, 106.3561



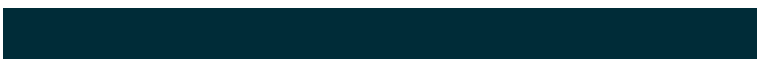
56.3121, 57.9947, 89.8879



15.9319, 17.2980, 20.2208



18.4000, 23.0241, 48.6022



1.6032, 2.0603, 4.0674

Previews

White Background



This preview shows how the XYZ color 64.3198, 61.7860, 54.4348 looks on a white background.

Color Contrast Check

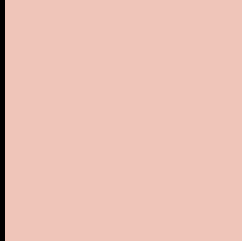
Large Text (above 18pt) WCAG AA × Fail

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 64.3198, 61.7860, 54.4348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

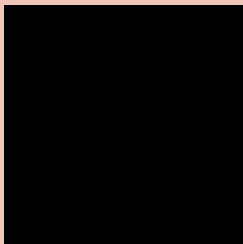
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3198, 61.7860, 54.4348

Background



This preview shows how black text looks on a background with the XYZ color 64.3198, 61.7860, 54.4348.

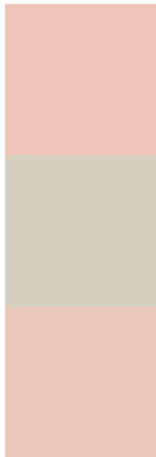


This preview shows how white text looks on a background with the XYZ color 64.3198, 61.7860,

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

64.3198, 61.7860, 54.4348

Protanopia

59.0971, 62.1565, 57.5978

Deuteranopia

63.1121, 61.8421, 54.5093



Tritanopia

67.1965, 61.6206, 68.6739

Trichromacy



Original Color

64.3198, 61.7860, 54.4348

Protanomaly

60.8645, 62.0307, 56.3422

Deuteranomaly

63.5431, 61.7238, 54.4637

Tritanomaly

65.9927, 61.4545, 63.0273

Monochromacy



Original Color

64.3198, 61.7860, 54.4348

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.2316, 62.4159, 63.4638

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3198, 61.7860, 54.4348 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(239, 197, 185)` looks like.

```
.text, #text, p{  
    color:rgb(239, 197, 185)  
}
```

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(239, 197, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 197, 185) }
```

Border

The CSS property to change the border of an element to XYZ 64.3198, 61.7860, 54.4348 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(239, 197, 185) }
```


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

```
.border{ border-color:rgb(239, 197, 185) }
```

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

Here you see how a box with a 4 pixel rgb(239, 197, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 197, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 197, 185);  
box-shadow:4px 4px 4px 4px rgb(239, 197,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3198, 61.7860, 54.4348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 197, 185) }
```

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

```
.background{ background-color: rgb(239,  
197, 185) }
```

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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