

Converting Colors

XYZ(64.1711, 64.0903, 59.6089)

Have a look what the booklet for
XYZ(64.1711, 64.0903, 59.6089)
contains.

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Color

**XYZ(64.1735, 64.0249,
59.4278)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CCC1
RGB	231, 204, 193
RGB Percent	91%, 80%, 76%
CMY	0.0941, 0.2000, 0.2431
CMYK	0.00, 0.12, 0.16, 0.09
HSL	17°, 44%, 83%
HSV	17°, 16%, 91%
XYZ	64.1735, 64.0249, 59.4278
YIQ	210.8190, 19.6230, 2.3030

Conversions

Conversions Part 2

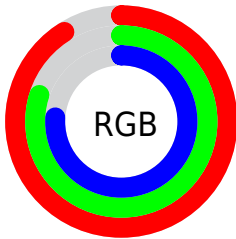
Format	Color
R_{YB}	231, 208, 193
Decimal	15191233
CIE Lab	83.98, 7.70, 8.93
CIE LCh	84, 11.791, 49.242
Yxy	64.0249, 0.3420, 0.3412
Android (android.graphics.Color)	4293381313 (0xFFE7CCC1)
YUV	210.8190, -8.7848, 17.6987
Hunter-Lab	80.0156, 3.1320, 11.9760

Details

The XYZ color **64.1735, 64.0249, 59.4278** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.0089, 68.2919, 85.5153**, and the grayscale version is **61.8459, 65.0667, 70.8577**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **33.3192, 32.8201, 29.3897** is the 20% darker color. If you saturate the color by 10%, you get **58.0984, 55.6812, 45.6668**, and if you desaturate by 10%, it is **71.0656, 73.3573, 75.4484**.

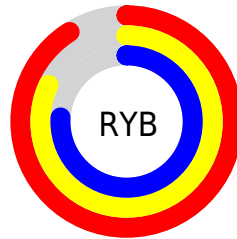
Distribution



Red (91%)

Green (80%)

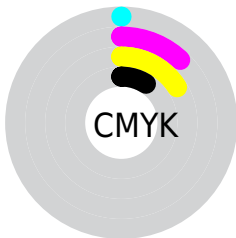
Blue (76%)



Red (91%)

Yellow (82%)

Blue (76%)

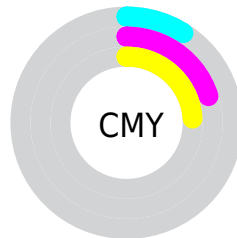


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (9%)



Cyan (9%)


Magenta (20%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1735, 64.0249, 59.4278 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 64.1735, 64.0249, 59.4278 by changing the saturation by 10% instead.


 64.1735, 64.0249,
59.4278

 64.1735, 64.0249,
59.4278


429.4082,
439.2796, 440.2314

 47.0534, 46.6708,
42.5353


 109.9331,
110.6468, 105.5344

 33.2860, 32.7755,
29.1920


139.3033,
140.6834, 135.5856

 22.5059, 21.9545,
18.9793


173.4877,
175.7164, 170.8601

 14.3478, 13.8235,
11.4786

212.8515,
216.1300, 211.7765

 8.4463, 7.9980,
6.2715

257.7600,
262.3088, 258.7533

 4.4360, 4.0937,
2.9394

308.5788,

 1.9516, 1.7261,

314.6370, 312.2090

1.0638

365.6731,
373.4991, 372.5622

■ 0.6066, 0.4405,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1735, 64.0249,
59.4278

■ 64.1735, 64.0249,
59.4278

■ 58.0984, 55.6812,
45.6668

■ 71.0656, 73.3573,
75.4484

■ 52.8039, 48.2849,
34.0590

■ 78.7991, 83.7011,
93.8204

■ 48.2582, 41.8042,
24.4954

■ 86.2055, 94.6096,
108.3257

■ 44.4254, 36.2022,
16.8560

■ 86.7652, 95.7291,
108.5123

■ 41.2663, 31.4394,
11.0077

■ 38.7375, 27.4731,
6.8008

■ 36.7899, 24.2562,
4.0601

■ 35.3644, 21.7355,
2.5670

■ 34.9562, 20.9909,
2.2092

Harmonies

Analogous

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



65.6927, 64.0249, 65.1031



64.1735, 64.0249, 59.4278



61.7909, 64.0249, 56.5813

Triad

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



64.1735, 64.0249, 59.4278



56.0771, 64.0249, 67.0759



62.5148, 64.0249, 84.1098

Complementary

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



64.1735, 64.0249, 59.4278



62.0089, 68.2919, 85.5153

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.



59.9261, 64.0249, 84.7321



64.1735, 64.0249, 59.4278



56.2584, 64.0249, 74.5339

Square

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



64.1735, 64.0249, 59.4278



57.1479, 64.0249, 60.7834



57.6505, 64.0249, 81.1196



64.7164, 64.0249, 79.4752

Rectangle

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



64.1735, 64.0249, 59.4278



60.0550, 64.0249, 56.5241



57.6505, 64.0249, 81.1196



61.6595, 64.0249, 84.8070

Sweetspot

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



64.1752, 64.0278, 59.4292



90.2428, 93.5622, 97.5044



64.9749, 60.3094, 76.0893



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.



64.1752, 64.0278, 59.4292



77.4104, 76.1622, 67.7475



68.9067, 73.4906, 61.0063



14.7153, 15.0445, 15.0327



19.6893, 11.9527, 1.2694



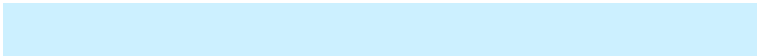
1.5328, 1.0390, 0.1198

Inverse Universe

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



62.0089, 68.2919, 85.5153



74.1800, 82.5137, 106.6248



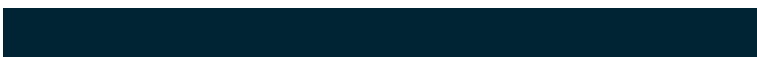
57.3580, 58.9900, 83.9650



14.4364, 15.5942, 18.3934



15.6509, 18.3638, 45.1029



1.2354, 1.5148, 3.3592

Previews

White Background



This preview shows how the XYZ color 64.1735, 64.0249, 59.4278 looks on a white background.

Color Contrast Check

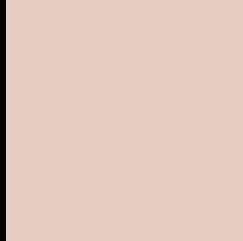
Large Text (above 18pt) WCAG AA × Fail

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 64.1735, 64.0249, 59.4278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

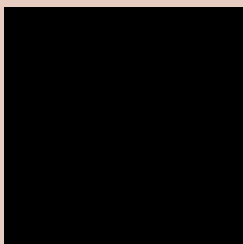
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1735, 64.0249, 59.4278

Background



This preview shows how black text looks on a background with the XYZ color 64.1735, 64.0249, 59.4278.



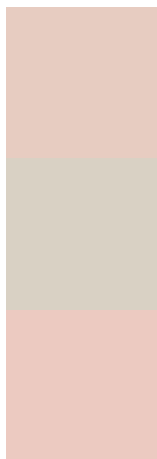
This preview shows how white text looks on a background with the XYZ color 64.1735, 64.0249,

59.4278.

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

64.1735, 64.0249, 59.4278

Protanopia

61.3795, 64.3382, 61.4080

Deuteranopia

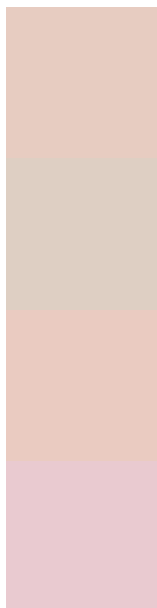
65.3382, 63.9242, 59.3470



Tritanopia

67.2130, 64.2236, 73.8196

Trichromacy



Original Color

64.1735, 64.0249, 59.4278

Protanomaly

62.2874, 64.0954, 60.7185

Deuteranomaly

64.9133, 64.0546, 59.3945

Tritanomaly

66.1100, 64.1188, 68.5663

Monochromacy



Original Color

64.1735, 64.0249, 59.4278

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.3684, 64.3768, 66.2655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1735, 64.0249, 59.4278 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(231, 204, 193) looks like.

```
.text, #text, p{  
    color:rgb(231, 204, 193)  
}
```

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(231, 204, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 204, 193) }
```

Border

The CSS property to change the border of an element to XYZ 64.1735, 64.0249, 59.4278 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(231, 204, 193) }
```


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

```
.border{ border-color:rgb(231, 204, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 204, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 204, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 204, 193);  
box-shadow:4px 4px 4px 4px rgb(231, 204,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1735, 64.0249, 59.4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 204, 193) }
```

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

```
.background{ background-color: rgb(231,  
204, 193) }
```

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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