

Converting Colors

XYZ(64.8944, 61.0301, 63.5219)

Have a look what the booklet for
XYZ(64.8944, 61.0301, 63.5219)
contains.

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Color

**XYZ(64.7595, 60.8051,
63.5817)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC2C9
RGB	237, 194, 201
RGB Percent	93%, 76%, 79%
CMY	0.0706, 0.2392, 0.2118
CMYK	0.00, 0.18, 0.15, 0.07
HSL	350°, 54%, 85%
HSV	350°, 18%, 93%
XYZ	64.7595, 60.8051, 63.5817
YIQ	207.6550, 23.3810, 11.2930

Conversions

Conversions Part 2

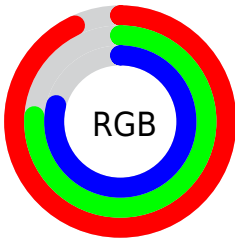
Format	Color
R _Y B	237, 194, 201
Decimal	15581897
CIE Lab	82.27, 16.38, 2.27
CIE LCh	82, 16.534, 7.889
Yxy	60.8051, 0.3424, 0.3215
Android (android.graphics.Color)	4293771977 (0xFFEDC2C9)
YUV	207.6550, -3.2809, 25.7356
Hunter-Lab	77.9776, 11.7813, 6.2402

Details

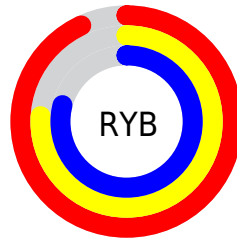
The XYZ color **64.7595, 60.8051, 63.5817** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.8177, 77.7525, 86.3528**, and the grayscale version is **59.7422, 62.8535, 68.4474**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **33.7006, 30.6865, 31.7506** is the 20% darker color. If you saturate the color by 10%, you get **57.7141, 50.2115, 50.4508**, and if you desaturate by 10%, it is **72.9511, 73.2072, 78.5840**.

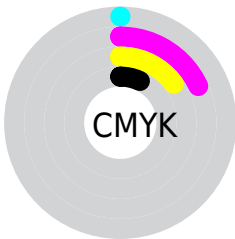
Distribution



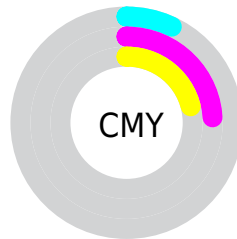
- Red (93%)
- Green (76%)
- Blue (79%)



- Red (93%)
- Yellow (76%)
- Blue (79%)



- Cyan (0%)
- Magenta (18%)
- Yellow (15%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.7595, 60.8051, 63.5817 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 64.7595, 60.8051, 63.5817 by changing the saturation by 10% instead.


 64.7595, 60.8051,
63.5817

 64.7595, 60.8051,
63.5817

431.4861,
427.5590, 455.8435

 47.5301, 44.0679,
45.8679


 110.7717,
105.9967, 111.6020

 33.6646, 30.7239,
31.7937

140.2851,
135.2199, 142.7455

 22.7977, 20.3887,
20.9405


174.6239,
169.3738, 179.2028

 14.5641, 12.6779,
12.8897

214.1535,
208.8429, 221.3923

 8.5983, 7.2071,
7.2228

259.2391,
254.0116, 269.7326

 4.5351, 3.5920,
3.5213

310.2462,

 2.0091, 1.4480,

305.2643, 324.6422

1.3666

367.5401,
362.9853, 386.5396

■ 0.6391, 0.2517,
0.1154

■ 0.0000, 0.0000,
0.0000

■ 64.7595, 60.8051,
63.5817

■ 64.7595, 60.8051,
63.5817

■ 57.7141, 50.2115,
50.4508

■ 72.9511, 73.2072,
78.5840

■ 51.7586, 41.3339,
39.1137

■ 82.3317, 87.4881,
95.5233

■ 46.8394, 34.0842,
29.4932

■ 88.7354, 96.7447,
108.6045

■ 42.8964, 28.3632,
21.5048

■ 39.8634, 24.0606,
15.0569

■ 37.6654, 21.0516,
10.0485

■ 36.2153, 19.1890,
6.3661

■ 35.3956, 18.2693,
3.8748

■ 35.2844, 18.1483,
3.5250

Harmonies

Analogous

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



64.2928, 60.8051, 73.7731



64.7595, 60.8051, 63.5817



63.3007, 60.8051, 55.0025

Triad

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



64.7595, 60.8051, 63.5817



53.7361, 60.8051, 52.0579



55.2833, 60.8051, 85.8352

Complementary

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



64.7595, 60.8051, 63.5817



66.8177, 77.7525, 86.3528

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.



52.6152, 60.8051, 78.8370



64.7595, 60.8051, 63.5817



51.7475, 60.8051, 59.1757

Square

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



64.7595, 60.8051, 63.5817



56.8695, 60.8051, 48.8039



51.3457, 60.8051, 68.9024



58.7273, 60.8051, 87.3204

Rectangle

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



64.7595, 60.8051, 63.5817



61.4660, 60.8051, 51.1091



51.3457, 60.8051, 68.9024



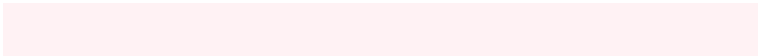
54.2701, 60.8051, 84.0175

Sweetspot

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



64.7612, 60.8078, 63.5830



89.4451, 91.4646, 98.7867



67.1595, 61.4962, 88.4519



18.9825, 19.3302, 20.8503



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.



64.7612, 60.8078, 63.5830



73.0290, 66.6163, 68.7018



67.3019, 67.1764, 60.4613



15.1654, 15.0940, 16.1564



19.2953, 9.9208, 2.0903



1.5450, 0.7910, 0.3214

Inverse Universe

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



64.7612, 60.8078, 63.5830



73.0290, 66.6163, 68.7018



63.8351, 70.1833, 90.3039



15.1654, 15.0940, 16.1564



19.2953, 9.9208, 2.0903



1.5450, 0.7910, 0.3214

Previews

White Background



This preview shows how the XYZ color 64.7595, 60.8051, 63.5817 looks on a white background.

Color Contrast Check

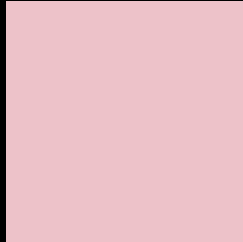
Large Text (above 18pt) WCAG AA × Fail

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 64.7595, 60.8051, 63.5817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

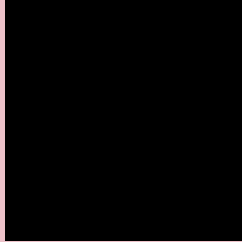
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.7595, 60.8051, 63.5817

Background



This preview shows how black text looks on a background with the XYZ color 64.7595, 60.8051, 63.5817.



This preview shows how white text looks on a background with the XYZ color 64.7595, 60.8051,

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

64.7595, 60.8051, 63.5817

Protanopia

58.8678, 61.1006, 67.7224

Deuteranopia

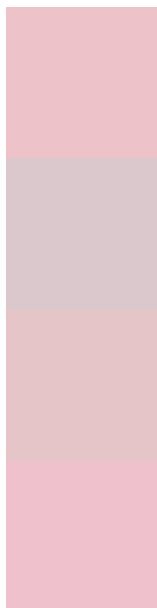
61.9834, 60.7270, 63.0982



Tritanopia

65.7150, 60.8711, 67.9603

Trichromacy



Original Color

64.7595, 60.8051, 63.5817

Protanomaly

60.8871, 60.7764, 66.2795

Deuteranomaly

63.0247, 60.9256, 63.0816

Tritanomaly

65.3493, 60.7248, 66.0344

Monochromacy



Original Color

64.7595, 60.8051, 63.5817

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.5888, 62.1797, 66.5134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7595, 60.8051, 63.5817 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(237, 194, 201)` looks like.

```
.text, #text, p{  
    color:rgb(237, 194, 201)  
}
```

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(237, 194, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 194, 201) }
```

Border

The CSS property to change the border of an element to XYZ 64.7595, 60.8051, 63.5817 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(237, 194, 201) }
```


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

```
.border{ border-color:rgb(237, 194, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 194, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 194, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 194, 201);  
box-shadow:4px 4px 4px 4px rgb(237, 194,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7595, 60.8051, 63.5817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 194, 201) }
```

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

```
.background{ background-color: rgb(237,  
194, 201) }
```

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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