

Converting Colors

XYZ(63.9750, 59.9140, 70.6463)

Have a look what the booklet for
XYZ(63.9750, 59.9140, 70.6463)
contains.

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Color

**XYZ(63.9086, 59.8823,
70.4774)**

Conversions

Conversions Part 1

Format	Color
Hex	E7C1D4
RGB	231, 193, 212
RGB Percent	91%, 76%, 83%
CMY	0.0941, 0.2431, 0.1686
CMYK	0.00, 0.16, 0.08, 0.09
HSL	330°, 44%, 83%
HSV	330°, 16%, 91%
XYZ	63.9086, 59.8823, 70.4774
YIQ	206.5280, 16.5490, 13.9650

Conversions

Conversions Part 2

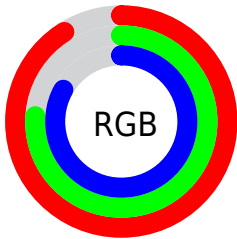
Format	Color
R _{YB}	231, 193, 212
Decimal	15188436
CIE Lab	81.77, 16.60, -4.43
CIE LCh	82, 17.177, 345.057
Yxy	59.8823, 0.3290, 0.3082
Android (android.graphics.Color)	4293378516 (0xFFE7C1D4)
YUV	206.5280, 2.6977, 21.4619
Hunter-Lab	77.3837, 11.9958, 0.1700

Details

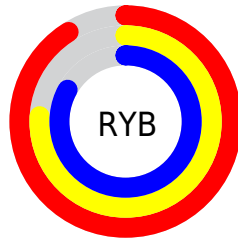
The XYZ color **63.9086, 59.8823, 70.4774** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.4542, 73.2443, 73.1367**, and the grayscale version is **58.9819, 62.0535, 67.5763**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **32.9976, 30.0135, 35.9523** is the 20% darker color. If you saturate the color by 10%, you get **57.7903, 49.8943, 61.5044**, and if you desaturate by 10%, it is **70.9322, 71.5125, 80.2680**.

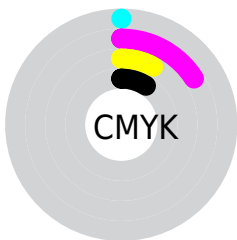
Distribution



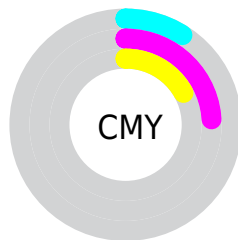
- Red (91%)
- Green (76%)
- Blue (83%)



- Red (91%)
- Yellow (76%)
- Blue (83%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9086, 59.8823, 70.4774 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 63.9086, 59.8823, 70.4774 by changing the saturation by 10% instead.


 63.9086, 59.8823,
70.4774

 63.9086, 59.8823,
70.4774


428.4670,
424.1638, 481.0588

 46.8381, 43.3238,
51.4366


 109.5538,
104.6589, 121.5768

 33.1151, 30.1392,
36.1771


138.8591,
133.6458, 154.4725

 22.3743, 19.9443,
24.2802


172.9734,
167.5442, 192.8236

 14.2503, 12.3546,
15.3275

212.2620,
206.7386, 237.0486

 8.3778, 6.9856,
8.9004

257.0903,
251.6134, 287.5661

 4.3915, 3.4531,
4.5803

307.8237,

 1.9259, 1.3726,

302.5529, 344.7946

1.9488

364.8275,
359.9416, 409.1527

■ 0.5918, 0.1964,
0.5235

■ 0.0000, 0.0000,
0.0000

■ 63.9086, 59.8823,
70.4774

■ 63.9086, 59.8823,
70.4774

■ 57.7903, 49.8943,
61.5044

■ 70.9322, 71.5125,
80.2680

■ 52.5331, 41.4657,
53.3213

■ 78.8925, 84.8467,
90.8949

■ 48.0966, 34.5188,
45.9046

■ 85.4506, 95.2032,
101.5892

■ 44.4350, 28.9656,
39.2273

■ 86.7653, 95.7291,
108.5123

■ 41.4978, 24.7090,
33.2610

■ 39.2282, 21.6392,
27.9743

■ 37.5597, 19.6276,
23.3322

■ 36.4098, 18.5134,
19.2938

■ 36.0780, 18.2382,
17.9861

Harmonies

Analogous

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



61.9857, 59.8823, 80.3189



63.9086, 59.8823, 70.4774



63.9048, 59.8823, 60.1599

Triad

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



63.9086, 59.8823, 70.4774



55.1275, 59.8823, 47.7865



52.1404, 59.8823, 80.3509

Complementary

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



63.9086, 59.8823, 70.4774



62.4542, 73.2443, 73.1367

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.



50.4569, 59.8823, 70.5175



63.9086, 59.8823, 70.4774



52.1312, 59.8823, 52.1113

Square

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



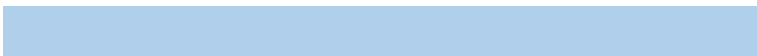
63.9086, 59.8823, 70.4774



58.7298, 59.8823, 47.7782



50.4536, 59.8823, 60.1960



55.1405, 59.8823, 86.4167

Rectangle

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



63.9086, 59.8823, 70.4774



62.8053, 59.8823, 54.4105



50.4536, 59.8823, 60.1960



51.4075, 59.8823, 77.3329

Sweetspot

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



63.9103, 59.8850, 70.4787



90.1069, 91.7293, 102.2720



60.6474, 57.9094, 83.5833



19.1430, 19.3944, 21.6956



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.



63.9103, 59.8850, 70.4787



77.0453, 70.1307, 83.9692



61.6527, 58.9819, 58.5904



14.6760, 14.4876, 16.4942



20.2883, 10.2495, 10.4133



1.5461, 0.7762, 1.0164

Inverse Universe

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



63.9103, 59.8850, 70.4787



77.0453, 70.1307, 83.9692



64.9939, 74.2602, 86.5102



14.6760, 14.4876, 16.4942



20.2883, 10.2495, 10.4133



1.5461, 0.7762, 1.0164

Previews

White Background



This preview shows how the XYZ color 63.9086, 59.8823, 70.4774 looks on a white background.

Color Contrast Check

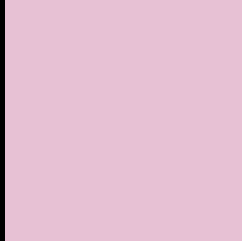
Large Text (above 18pt) WCAG AA × Fail

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 63.9086, 59.8823, 70.4774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

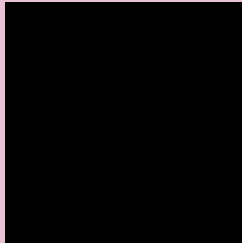
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9086, 59.8823, 70.4774

Background



This preview shows how black text looks on a background with the XYZ color 63.9086, 59.8823, 70.4774.



This preview shows how white text looks on a background with the XYZ color 63.9086, 59.8823,

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

63.9086, 59.8823, 70.4774

Protanopia

58.4040, 59.9995, 74.8325

Deuteranopia

61.2393, 59.8513, 69.9528



Tritanopia

63.7554, 60.1759, 68.5764

Trichromacy



Original Color

63.9086, 59.8823, 70.4774

Protanomaly

60.2587, 59.9508, 73.3614

Deuteranomaly

62.2383, 60.0303, 69.9347

Tritanomaly

63.8796, 60.2256, 69.2307

Monochromacy



Original Color

63.9086, 59.8823, 70.4774

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.9481, 61.4434, 68.9691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9086, 59.8823, 70.4774 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, 193, 212)` looks like.

```
.text, #text, p{  
    color:rgb(231, 193, 212)  
}
```

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, 193, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 193, 212) }
```

Border

The CSS property to change the border of an element to XYZ 63.9086, 59.8823, 70.4774 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, 193, 212) }
```


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

```
.border{ border-color:rgb(231, 193, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 193, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 193, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 193, 212);  
box-shadow:4px 4px 4px 4px rgb(231, 193,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9086, 59.8823, 70.4774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 193, 212) }
```

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

```
.background{ background-color: rgb(231,  
193, 212) }
```

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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