

Converting Colors

XYZ(64.2280, 60.8371, 64.8583)

Have a look what the booklet for
XYZ(64.2280, 60.8371, 64.8583)
contains.

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Color

**XYZ(64.2263, 60.8344,
64.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC3CB
RGB	234, 195, 203
RGB Percent	92%, 76%, 80%
CMY	0.0823, 0.2353, 0.2039
CMYK	0.00, 0.17, 0.13, 0.08
HSL	348°, 48%, 84%
HSV	348°, 17%, 92%
XYZ	64.2263, 60.8344, 64.8570
YIQ	207.5730, 20.6760, 10.7560

Conversions

Conversions Part 2

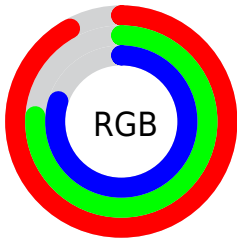
Format	Color
R _Y B	234, 195, 203
Decimal	15385547
CIE Lab	82.29, 15.10, 1.19
CIE LCh	82, 15.145, 4.492
Yxy	60.8344, 0.3382, 0.3203
Android (android.graphics.Color)	4293575627 (0xFFEAC3CB)
YUV	207.5730, -2.2545, 23.1765
Hunter-Lab	77.9964, 10.4925, 5.2956

Details

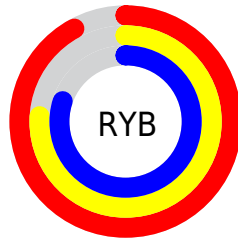
The XYZ color **64.2263, 60.8344, 64.8570** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.6584, 75.9403, 83.1526**, and the grayscale version is **59.6840, 62.7922, 68.3807**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **33.3098, 30.6847, 32.6009** is the 20% darker color. If you saturate the color by 10%, you get **57.3032, 50.3251, 52.2607**, and if you desaturate by 10%, it is **72.2404, 73.0987, 79.1308**.

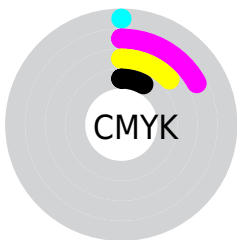
Distribution



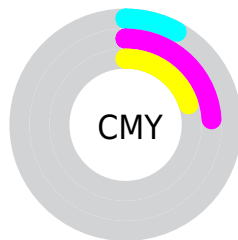
- Red (92%)
- Green (76%)
- Blue (80%)



- Red (92%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (8%)





- Cyan (8%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2263, 60.8344, 64.8570 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 64.2263, 60.8344, 64.8570 by changing the saturation by 10% instead.


 64.2263, 60.8344,
64.8570

 64.2263, 60.8344,
64.8570


429.5957,
427.6666, 460.5700

 47.0964, 44.0915,
46.8945


 110.0087,
106.0391, 113.4556

 33.3201, 30.7425,
32.5985


139.3919,
135.2698, 144.9287

 22.5322, 20.4028,
21.5505


173.5901,
169.4318, 181.7425

 14.3672, 12.6882,
13.3318

212.9689,
208.9096, 224.3155

 8.4599, 7.2142,
7.5240

257.8934,
254.0876, 273.0662

 4.4449, 3.5964,
3.7086

308.7292,

 1.9568, 1.4505,

305.3502, 328.4132

1.4669

365.8415,
363.0817, 390.7749

■ 0.6095, 0.2535,
0.1931

■ 0.0000, 0.0000,
0.0000

■ 64.2263, 60.8344,
64.8570

■ 64.2263, 60.8344,
64.8570

■ 57.3032, 50.3251,
52.2607

■ 72.2404, 73.0987,
79.1308

■ 51.4185, 41.4826,
41.2758

■ 81.3851, 87.1847,
95.1370

■ 46.5228, 34.2233,
31.8379

■ 87.7420, 96.2326,
108.5580

■ 42.5606, 28.4530,
23.8762

■ 39.4708, 24.0677,
17.3145

■ 37.1847, 20.9497,
12.0696

■ 35.6229, 18.9615,
8.0488

■ 34.6869, 17.9301,
5.1455

■ 34.4651, 17.7058,
4.3953

Harmonies

Analogous

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



63.6005, 60.8344, 74.1843



64.2263, 60.8344, 64.8570



63.0843, 60.8344, 56.6816

Triad

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



64.2263, 60.8344, 64.8570



54.3802, 60.8344, 52.6526



55.1918, 60.8344, 83.5945

Complementary

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



64.2263, 60.8344, 64.8570



65.6584, 75.9403, 83.1526

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.



52.8594, 60.8344, 76.8131



64.2263, 60.8344, 64.8570



52.4032, 60.8344, 58.8810

Square

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



64.2263, 60.8344, 64.8570



57.3369, 60.8344, 50.0639



51.8569, 60.8344, 67.6391



58.3083, 60.8344, 85.5677

Rectangle

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



64.2263, 60.8344, 64.8570



61.4983, 60.8344, 52.8076



51.8569, 60.8344, 67.6391



54.2938, 60.8344, 81.7726

Sweetspot

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



64.2280, 60.8371, 64.8583



89.5273, 91.4975, 99.2198



65.5915, 61.0697, 86.1733



19.0024, 19.3382, 20.9551



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.



64.2280, 60.8371, 64.8583



75.0290, 69.3242, 73.3514



65.8673, 65.6017, 60.8238



15.1918, 15.1046, 16.2952



19.4037, 9.9642, 2.6610



1.5576, 0.7960, 0.3876

Inverse Universe

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



64.2280, 60.8371, 64.8583



75.0290, 69.3242, 73.3514



63.7335, 70.2933, 88.0515



15.1918, 15.1046, 16.2952



19.4037, 9.9642, 2.6610



1.5576, 0.7960, 0.3876

Previews

White Background



This preview shows how the XYZ color 64.2263, 60.8344, 64.8570 looks on a white background.

Color Contrast Check

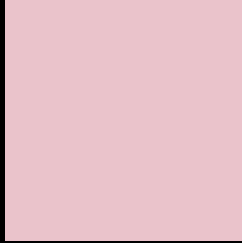
Large Text (above 18pt) WCAG AA × Fail

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 64.2263, 60.8344, 64.8570 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 64.2263, 60.8344, 64.8570

Background



This preview shows how black text looks on a background with the XYZ color 64.2263, 60.8344, 64.8570.



This preview shows how white text looks on a background with the XYZ color 64.2263, 60.8344,

64.8570.

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

64.2263, 60.8344, 64.8570

Protanopia

58.9905, 61.1497, 68.3684

Deuteranopia

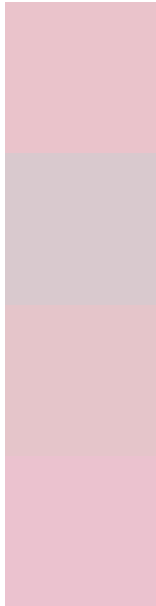
62.2188, 60.8212, 64.3375



Tritanopia

65.0614, 60.8492, 68.6376

Trichromacy



Original Color

64.2263, 60.8344, 64.8570

Protanomaly

60.6425, 60.9812, 66.9669

Deuteranomaly

62.9400, 60.8548, 64.3060

Tritanomaly

64.8152, 60.7507, 67.3414

Monochromacy



Original Color

64.2263, 60.8344, 64.8570

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.1118, 61.9198, 67.1233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2263, 60.8344, 64.8570 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(234, 195, 203)` looks like.

```
.text, #text, p{  
    color:rgb(234, 195, 203)  
}
```

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(234, 195, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 195, 203) }
```

Border

The CSS property to change the border of an element to XYZ 64.2263, 60.8344, 64.8570 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(234, 195, 203) }
```


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

```
.border{ border-color:rgb(234, 195, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 195, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 195, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 195, 203);  
box-shadow:4px 4px 4px 4px rgb(234, 195,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2263, 60.8344, 64.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 195, 203) }
```

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

```
.background{ background-color: rgb(234,  
195, 203) }
```

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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