

Converting Colors

XYZ(64.0250, 59.0676, 65.7843)

Have a look what the booklet for
XYZ(64.0250, 59.0676, 65.7843)
contains.

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Color

**XYZ(64.0250, 59.0676,
65.7843)**

Conversions

Conversions Part 1

Format	Color
Hex	ECBECD
RGB	236, 190, 205
RGB Percent	93%, 75%, 80%
CMY	0.0745, 0.2549, 0.1961
CMYK	0.00, 0.19, 0.13, 0.07
HSL	340°, 55%, 84%
HSV	340°, 19%, 93%
XYZ	64.0250, 59.0676, 65.7843
YIQ	205.4640, 22.6010, 14.4170

Conversions

Conversions Part 2

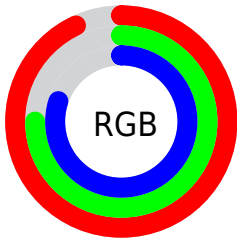
Format	Color
R_{YB}	236, 190, 205
Decimal	15515341
CIE Lab	81.33, 18.78, -1.27
CIE LCh	81, 18.825, 356.136
Yxy	59.0676, 0.3390, 0.3127
Android (android.graphics.Color)	4293705421 (0xFFECBECD)
YUV	205.4640, -0.2288, 26.7801
Hunter-Lab	76.8554, 14.2037, 3.0496

Details

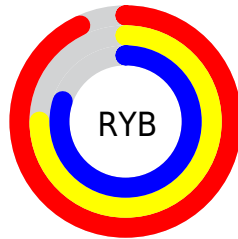
The XYZ color **64.0250, 59.0676, 65.7843** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.2842, 76.1601, 79.7226**, and the grayscale version is **58.3166, 61.3536, 66.8140**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **33.2125, 29.5460, 33.2306** is the 20% darker color. If you saturate the color by 10%, you get **57.4981, 48.9314, 54.6126**, and if you desaturate by 10%, it is **71.5781, 70.9424, 78.2625**.

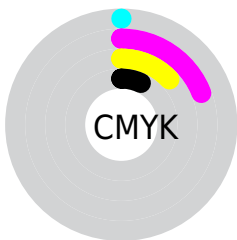
Distribution



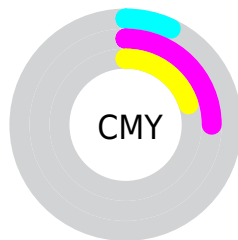
- Red (93%)
- Green (75%)
- Blue (80%)



- Red (93%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (7%)





- Cyan (7%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0250, 59.0676, 65.7843 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 64.0250, 59.0676, 65.7843 by changing the saturation by 10% instead.


 64.0250, 59.0676,
65.7843

 64.0250, 59.0676,
65.7843


428.8807,
421.1524, 463.9882

 46.9327, 42.6675,
47.6419


 109.7205,
103.4759, 114.8007

 33.1902, 29.6243,
33.1855


139.0543,
132.2529, 146.5119

 22.4321, 19.5536,
21.9963


173.1994,
165.9244, 183.5831

 14.2931, 12.0710,
13.6559

212.5211,
204.8748, 226.4328

 8.4079, 6.7920,
7.7457

257.3847,
249.4883, 275.4797

 4.4110, 3.3324,
3.8472


308.1556,

 1.9372, 1.3076,


300.1495, 331.1422


1.5419


365.1992,
357.2427, 393.8388

 0.5983, 0.1471,
0.2489


 0.0000, 0.0000,
0.0000


 64.0250, 59.0676,
65.7843


 64.0250, 59.0676,
65.7843


 57.4981, 48.9314,
54.6126

 71.5781, 70.9424,
78.2625


 51.9469, 40.4441,
44.7000

 80.1950, 84.6242,
92.0850

 47.3237, 33.5197,
36.0011

 88.0372, 96.4270,
106.6661

 43.5752, 28.0613,
28.4666

 88.4024, 96.5730,
108.5889

■ 40.6420, 23.9612,
22.0433

■ 38.4569, 21.0966,
16.6734

■ 36.9410, 19.3220,
12.2924

■ 35.9718, 18.4057,
8.8183

■ 35.9299, 18.3680,
8.6621

Harmonies

Analogous

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



62.6542, 59.0676, 77.1450



64.0250, 59.0676, 65.7843



63.2038, 59.0676, 55.2436

Triad

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



64.0250, 59.0676, 65.7843



52.8782, 59.0676, 46.7745



52.0351, 59.0676, 84.0133

Complementary

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



64.0250, 59.0676, 65.7843



64.2842, 76.1601, 79.7226

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.



49.6268, 59.0676, 74.3278



64.0250, 59.0676, 65.7843



50.0974, 59.0676, 52.9920

Square

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



64.0250, 59.0676, 65.7843



56.6528, 59.0676, 45.0463



48.9341, 59.0676, 62.8669



55.6342, 59.0676, 88.4169

Rectangle

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



64.0250, 59.0676, 65.7843



61.5436, 59.0676, 49.9375



48.9341, 59.0676, 62.8669



51.0661, 59.0676, 81.2160

Sweetspot

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



64.0267, 59.0703, 65.7855



88.7457, 89.9772, 98.8268



63.2733, 58.2058, 87.2576



18.8544, 19.0356, 20.9259



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.



64.0267, 59.0703, 65.7855



73.3854, 65.8285, 73.4463



64.0064, 61.7892, 57.2715



15.2679, 15.1350, 16.6962



19.8579, 10.1458, 5.0530



1.6021, 0.8138, 0.6220

Inverse Universe

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



64.0267, 59.0703, 65.7855



73.3854, 65.8285, 73.4463



64.2128, 72.6754, 90.0010



15.2679, 15.1350, 16.6962



19.8579, 10.1458, 5.0530



1.6021, 0.8138, 0.6220

Previews

White Background



This preview shows how the XYZ color 64.0250, 59.0676, 65.7843 looks on a white background.

Color Contrast Check

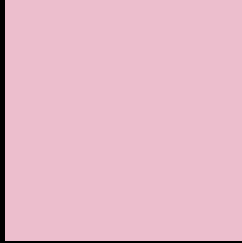
Large Text (above 18pt) WCAG AA × Fail

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 64.0250, 59.0676, 65.7843 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 64.0250, 59.0676, 65.7843

Background



This preview shows how black text looks on a background with the XYZ color 64.0250, 59.0676, 65.7843.



This preview shows how white text looks on a background with the XYZ color 64.0250, 59.0676,

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

64.0250, 59.0676, 65.7843

Protanopia

57.3989, 59.2233, 70.6933

Deuteranopia

60.4578, 59.2116, 65.3693



Tritanopia

64.0250, 59.0676, 65.7843

Trichromacy



Original Color

64.0250, 59.0676, 65.7843

Protanomaly

59.4992, 58.9830, 68.5705

Deuteranomaly

61.5549, 59.1120, 65.2922

Tritanomaly

64.0250, 59.0676, 65.7843

Monochromacy



Original Color

64.0250, 59.0676, 65.7843

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.9926, 60.3153, 66.2377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0250, 59.0676, 65.7843 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(236, 190, 205)` looks like.

```
.text, #text, p{  
    color:rgb(236, 190, 205)  
}
```

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(236, 190, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 190, 205) }
```

Border

The CSS property to change the border of an element to XYZ 64.0250, 59.0676, 65.7843 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(236, 190, 205) }
```


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

```
.border{ border-color:rgb(236, 190, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 190, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 190, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 190, 205);  
box-shadow:4px 4px 4px 4px rgb(236, 190,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0250, 59.0676, 65.7843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 190, 205) }
```

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

```
.background{ background-color: rgb(236,  
190, 205) }
```

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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