

Converting Colors

XYZ(64.3593, 58.6290, 64.4243)

Have a look what the booklet for
XYZ(64.3593, 58.6290, 64.4243)
contains.

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Color

**XYZ(64.3593, 58.6290,
64.4243)**

Conversions

Conversions Part 1

Format	Color
Hex	EFBCCB
RGB	239, 188, 203
RGB Percent	94%, 74%, 80%
CMY	0.0627, 0.2627, 0.2039
CMYK	0.00, 0.21, 0.15, 0.06
HSL	342°, 61%, 84%
HSV	342°, 21%, 94%
XYZ	64.3593, 58.6290, 64.4243
YIQ	204.9590, 25.5810, 15.4770

Conversions

Conversions Part 2

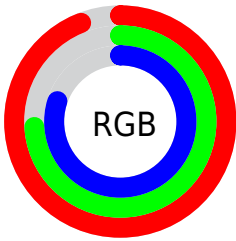
Format	Color
R _Y B	239, 188, 203
Decimal	15711435
CIE Lab	81.09, 20.58, -0.51
CIE LCh	81, 20.591, 358.576
Yxy	58.6290, 0.3434, 0.3128
Android (android.graphics.Color)	4293901515 (0xFFEFBCCB)
YUV	204.9590, -0.9658, 29.8540
Hunter-Lab	76.5696, 16.0385, 3.7131

Details

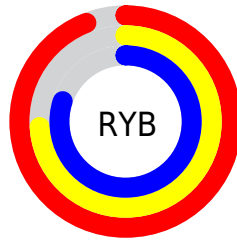
The XYZ color **64.3593, 58.6290, 64.4243** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.0625, 77.8076, 82.1140**, and the grayscale version is **57.9982, 61.0187, 66.4493**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **33.2413, 29.1652, 32.3112** is the 20% darker color. If you saturate the color by 10%, you get **57.7679, 48.4903, 52.8412**, and if you desaturate by 10%, it is **72.0183, 70.5514, 77.4442**.

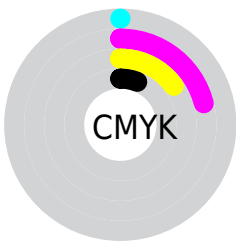
Distribution



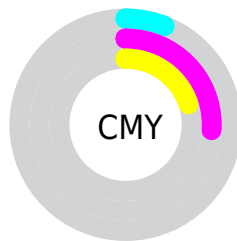
- Red (94%)
- Green (74%)
- Blue (80%)



- Red (94%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (6%)



- Cyan (6%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3593, 58.6290, 64.4243 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 64.3593, 58.6290, 64.4243 by changing the saturation by 10% instead.

64.3593, 58.6290,
64.4243

64.3593, 58.6290,
64.4243

430.0677,
419.5257, 458.9697

47.2045, 42.3145,
46.5460

110.1991,
102.8383, 112.8271

33.4060, 29.3477,
32.3252

139.6148,
131.5019, 144.1887

22.5984, 19.3440,
21.3431

173.8481,
165.0506, 180.8819

14.4163, 11.9191,
13.1813

213.2646,
203.8689, 223.3252

8.4944, 6.6886,
7.4213

258.2294,
248.3412, 271.9370

4.4673, 3.2681,
3.6446


309.1079,

1.9698, 1.2733,

298.8518, 327.1360

1.4325


366.2656,
355.7852, 389.3408


 0.6169, 0.1204,
0.1668


 0.0000, 0.0000,
0.0000


 64.3593, 58.6290,
64.4243


 64.3593, 58.6290,
64.4243


 57.7679, 48.4903,
52.8412


 72.0183, 70.5514,
77.4442


 52.1906, 40.0414,
42.6408

 80.7854, 84.3297,
91.9453

 47.5766, 33.1918,
33.7704

 89.1850, 97.0021,
107.4679

 43.8686, 27.8394,
26.1728

 89.4068, 97.0908,
108.6359

■ 41.0029, 23.8698,
19.7861

■ 38.9070, 21.1524,
14.5425

■ 37.4952, 19.5306,
10.3663

■ 36.7112, 18.7966,
7.5339

Harmonies

Analogous

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



63.0431, 58.6290, 76.9237



64.3593, 58.6290, 64.4243



63.2653, 58.6290, 53.2189

Triad

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



64.3593, 58.6290, 64.4243



51.8825, 58.6290, 45.3034



51.5456, 58.6290, 86.1233

Complementary

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



64.3593, 58.6290, 64.4243



65.0625, 77.8076, 82.1140

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.



48.8091, 58.6290, 75.7811



64.3593, 58.6290, 64.4243



48.9965, 58.6290, 52.3257

Square

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



64.3593, 58.6290, 64.4243



55.9298, 58.6290, 43.0640



47.8999, 58.6290, 63.2533



55.5209, 58.6290, 90.4020

Rectangle

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



64.3593, 58.6290, 64.4243



61.3465, 58.6290, 47.7520



47.8999, 58.6290, 63.2533



50.4581, 58.6290, 83.1806

Sweetspot

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



64.3610, 58.6317, 64.4255



88.6712, 89.9474, 98.4346



64.2128, 58.0007, 89.4728



18.8369, 19.0286, 20.8334



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.



64.3610, 58.6317, 64.4255



70.7824, 62.0900, 68.0549



64.9155, 62.4638, 56.2156



15.9640, 15.8353, 17.3667



20.3371, 10.4073, 4.4256



1.7338, 0.8826, 0.5889

Inverse Universe

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



64.3610, 58.6317, 64.4255



70.7824, 62.0900, 68.0549



64.2851, 72.8531, 92.3358



15.9640, 15.8353, 17.3667



20.3371, 10.4073, 4.4256



1.7338, 0.8826, 0.5889

Previews

White Background



This preview shows how the XYZ color 64.3593, 58.6290, 64.4243 looks on a white background.

Color Contrast Check

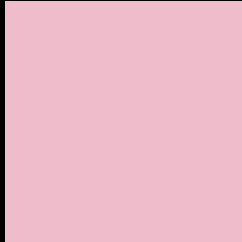
Large Text (above 18pt) WCAG AA × Fail

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 64.3593, 58.6290, 64.4243 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 64.3593, 58.6290, 64.4243

Background



This preview shows how black text looks on a background with the XYZ color 64.3593, 58.6290, 64.4243.



This preview shows how white text looks on a background with the XYZ color 64.3593, 58.6290,

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

64.3593, 58.6290, 64.4243

Protanopia

57.1481, 59.1229, 69.3726

Deuteranopia

59.9946, 58.6666, 64.0389



Tritanopia

64.3593, 58.6290, 64.4243

Trichromacy



Original Color

64.3593, 58.6290, 64.4243

Protanomaly

59.3213, 58.5838, 67.2127

Deuteranomaly

61.5052, 58.4575, 63.9189

Tritanomaly

64.3593, 58.6290, 64.4243

Monochromacy



Original Color

64.3593, 58.6290, 64.4243

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.9378, 59.9582, 65.5408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3593, 58.6290, 64.4243 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(239, 188, 203)` looks like.

```
.text, #text, p{  
    color:rgb(239, 188, 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(239, 188, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 188, 203) }
```

Border

The CSS property to change the border of an element to XYZ 64.3593, 58.6290, 64.4243 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(239, 188, 203) }
```


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

```
.border{ border-color:rgb(239, 188, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 188, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 188, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 188, 203);  
box-shadow:4px 4px 4px 4px rgb(239, 188,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3593, 58.6290, 64.4243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 188, 203) }
```

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

```
.background{ background-color: rgb(239,  
188, 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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