

Converting Colors

XYZ(63.4105, 58.7025, 67.6738)

Have a look what the booklet for
XYZ(63.4105, 58.7025, 67.6738)
contains.

XYZ(63.4029, 58.7046, 67.6639)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.4029, 58.7046,
67.6639)**

Conversions

Conversions Part 1

Format	Color
Hex	E9BED0
RGB	233, 190, 208
RGB Percent	91%, 75%, 82%
CMY	0.0863, 0.2549, 0.1843
CMYK	0.00, 0.18, 0.11, 0.09
HSL	335°, 49%, 83%
HSV	335°, 18%, 91%
XYZ	63.4029, 58.7046, 67.6639
YIQ	204.9090, 19.8500, 14.7140

Conversions

Conversions Part 2

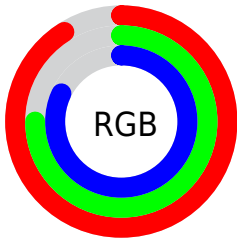
Format	Color
R _Y B	233, 190, 208
Decimal	15318736
CIE Lab	81.13, 18.22, -3.21
CIE LCh	81, 18.499, 350.013
Yxy	58.7046, 0.3341, 0.3093
Android (android.graphics.Color)	4293508816 (0xFFE9BED0)
YUV	204.9090, 1.5239, 24.6358
Hunter-Lab	76.6189, 13.6273, 1.2729

Details

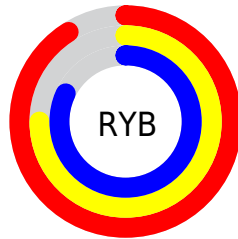
The XYZ color **63.4029, 58.7046, 67.6639** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.6422, 74.1329, 75.3010**, and the grayscale version is **57.9537, 60.9718, 66.3983**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **32.7684, 29.2885, 34.4980** is the 20% darker color. If you saturate the color by 10%, you get **57.1580, 48.7689, 57.7071**, and if you desaturate by 10%, it is **70.6003, 70.3160, 78.6421**.

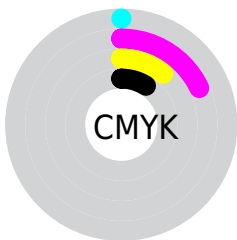
Distribution



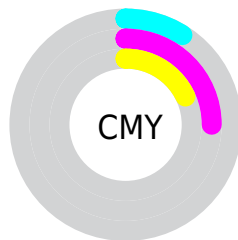
- Red (91%)
- Green (75%)
- Blue (82%)



- Red (91%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4029, 58.7046, 67.6639 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 63.4029, 58.7046, 67.6639 by changing the saturation by 10% instead.


 63.4029, 58.7046,
67.6639

 63.4029, 58.7046,
67.6639


426.6667,
419.8063, 470.8700

 46.4271, 42.3754,
49.1594


 108.8291,
102.9482, 117.5209

 32.7890, 29.3953,
34.3794


138.0102,
131.6314, 149.7104

 22.1233, 19.3801,
22.9055


171.9905,
165.2013, 187.2986

 14.0647, 11.9452,
14.3191

211.1353,
204.0424, 230.7042

 8.2477, 6.7064,
8.2017

255.8100,
248.5391, 280.3455

 4.3070, 3.2792,
4.1346

306.3798,

 1.8772, 1.2792,

299.0757, 336.6413

1.6995

363.2103,
356.0366, 400.0099

■ 0.5635, 0.1250,
0.3604

■ 0.0000, 0.0000,
0.0000

■ 63.4029, 58.7046,
67.6639

■ 63.4029, 58.7046,
67.6639

■ 57.1580, 48.7689,
57.7071

■ 70.6003, 70.3160,
78.6421

■ 51.8188, 40.4230,
48.7365

■ 78.7842, 83.6679,
90.6679

■ 47.3419, 33.5853,
40.7202

■ 86.4081, 95.6612,
103.2426

■ 43.6782, 28.1640,
33.6229

■ 87.4146, 96.0638,
108.5427

■ 40.7734, 24.0567,
27.4067

■ 38.5661, 21.1474,
22.0303

■ 36.9844, 19.2993,
17.4477

■ 35.9256, 18.3148,
13.6016

■ 35.7867, 18.1967,
13.0635

Harmonies

Analogous

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



61.6580, 58.7046, 78.5210



63.4029, 58.7046, 67.6639



63.0393, 58.7046, 56.9406

Triad

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



63.4029, 58.7046, 67.6639



53.3038, 58.7046, 46.0100



51.1776, 58.7046, 81.5618

Complementary

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



63.4029, 58.7046, 67.6639



62.6422, 74.1329, 75.3010

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.



49.1317, 58.7046, 71.4462



63.4029, 58.7046, 67.6639



50.3196, 58.7046, 51.2503

Square

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



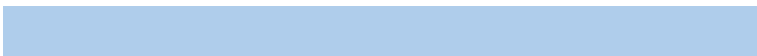
63.4029, 58.7046, 67.6639



57.0896, 58.7046, 45.2448



48.8250, 58.7046, 60.3155



54.5240, 58.7046, 87.1331

Rectangle

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



63.4029, 58.7046, 67.6639



61.6558, 58.7046, 51.2441



48.8250, 58.7046, 60.3155



50.3216, 58.7046, 78.5292

Sweetspot

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



63.4046, 58.7072, 67.6651



88.9623, 90.0639, 99.9676



60.9623, 57.0644, 84.8931



18.9055, 19.0561, 21.1952



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.



63.4046, 58.7072, 67.6651



74.8763, 67.3552, 78.4294



61.9411, 59.1250, 56.8659



15.3270, 15.1586, 17.0072



20.3646, 10.3485, 7.7213



1.6461, 0.8314, 0.8538

Inverse Universe

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



63.4046, 58.7072, 67.6651



74.8763, 67.3552, 78.4294



64.2790, 73.4997, 87.8906



15.3270, 15.1586, 17.0072



20.3646, 10.3485, 7.7213



1.6461, 0.8314, 0.8538

Previews

White Background



This preview shows how the XYZ color 63.4029, 58.7046, 67.6639 looks on a white background.

Color Contrast Check

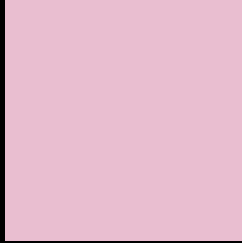
Large Text (above 18pt) WCAG AA × Fail

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 63.4029, 58.7046, 67.6639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

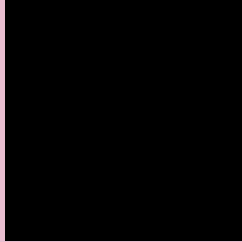
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4029, 58.7046, 67.6639

Background



This preview shows how black text looks on a background with the XYZ color 63.4029, 58.7046, 67.6639.



This preview shows how white text looks on a background with the XYZ color 63.4029, 58.7046,

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

63.4029, 58.7046, 67.6639

Protanopia

57.3814, 59.1849, 72.0178

Deuteranopia

60.2158, 59.0449, 67.2546



Tritanopia

63.0372, 58.5583, 65.7381

Trichromacy



Original Color

63.4029, 58.7046, 67.6639

Protanomaly

59.2905, 58.8321, 70.5181

Deuteranomaly

61.2947, 58.9359, 67.1767

Tritanomaly

63.1583, 58.6068, 66.3760

Monochromacy



Original Color

63.4029, 58.7046, 67.6639

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.8192, 60.2119, 66.8618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4029, 58.7046, 67.6639 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(233, 190, 208)` looks like.

```
.text, #text, p{  
    color:rgb(233, 190, 208)  
}
```

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(233, 190, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 190, 208) }
```

Border

The CSS property to change the border of an element to XYZ 63.4029, 58.7046, 67.6639 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(233, 190, 208) }
```


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

```
.border{ border-color:rgb(233, 190, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 190, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 190, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 190, 208);  
box-shadow:4px 4px 4px 4px rgb(233, 190,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4029, 58.7046, 67.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 190, 208) }
```

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

```
.background{ background-color: rgb(233,  
190, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor