

Converting Colors

XYZ(63.3495, 57.9653, 67.0445)

Have a look what the booklet for
XYZ(63.3495, 57.9653, 67.0445)
contains.

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Color

**XYZ(63.5067, 58.1336,
66.9052)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBCCF
RGB	235, 188, 207
RGB Percent	92%, 74%, 81%
CMY	0.0784, 0.2627, 0.1882
CMYK	0.00, 0.20, 0.12, 0.08
HSL	336°, 54%, 83%
HSV	336°, 20%, 92%
XYZ	63.5067, 58.1336, 66.9052
YIQ	204.2190, 21.9130, 15.8730

Conversions

Conversions Part 2

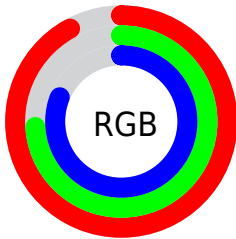
Format	Color
R _Y B	235, 188, 207
Decimal	15449295
CIE Lab	80.81, 19.82, -3.11
CIE LCh	81, 20.062, 351.074
Yxy	58.1336, 0.3368, 0.3083
Android (android.graphics.Color)	4293639375 (0xFFEBBCCF)
YUV	204.2190, 1.3710, 26.9949
Hunter-Lab	76.2454, 15.2477, 1.3449

Details

The XYZ color **63.5067, 58.1336, 66.9052** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.8444, 75.0675, 76.1467**, and the grayscale version is **57.5163, 60.5116, 65.8971**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **33.0041, 29.2116, 34.0359** is the 20% darker color. If you saturate the color by 10%, you get **57.2530, 48.2448, 56.7466**, and if you desaturate by 10%, it is **70.7329, 69.7231, 78.1383**.

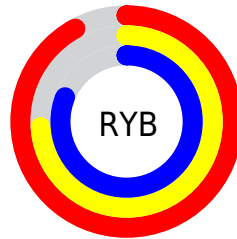
Distribution



Red (92%)

Green (74%)

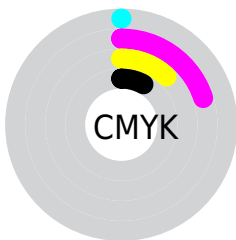
Blue (81%)



Red (92%)

Yellow (74%)

Blue (81%)

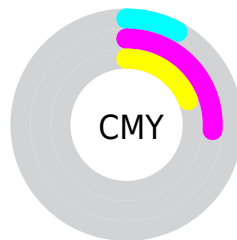


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (8%)



Cyan (8%)


Magenta (26%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5067, 58.1336, 66.9052 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 63.5067, 58.1336, 66.9052 by changing the saturation by 10% instead.


 63.5067, 58.1336,
66.9052

 63.5067, 58.1336,
66.9052

427.0366,
417.6836, 468.0996

 46.5114, 41.9161,
48.5465


 108.9779,
102.1174, 116.4239

 32.8559, 29.0356,
33.8968


138.1846,
130.6524, 148.4210

 22.1748, 19.1077,
22.5376


172.1924,
164.0621, 185.8013

 14.1027, 11.7481,
14.0504

211.3667,
202.7308, 228.9833

 8.2743, 6.5724,
8.0166

256.0730,
247.0429, 278.3856

 4.3243, 3.1962,
4.0176

306.6765,

 1.8872, 1.2350,

297.3828, 334.4267

1.6350

363.5425,
354.1349, 397.5252

■ 0.5694, 0.0900,
0.3156

■ 0.0000, 0.0000,
0.0000

■ 63.5067, 58.1336,
66.9052

■ 63.5067, 58.1336,
66.9052

■ 57.2530, 48.2448,
56.7466

■ 70.7329, 69.7231,
78.1383

■ 51.9235, 39.9683,
47.6250

■ 78.9673, 83.0807,
90.4744

■ 47.4729, 33.2195,
39.5059

■ 87.1210, 96.0222,
103.5692

■ 43.8501, 27.9029,
32.3511

■ 88.0713, 96.4024,
108.5734

■ 40.9982, 23.9121,
26.1195

■ 38.8528, 21.1257,
20.7666

■ 37.3377, 19.3993,
16.2422

■ 36.3265, 18.4885,
12.4782

■ 36.3263, 18.4884,
12.4776

Harmonies

Analogous

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



61.6887, 58.1336, 78.7478



63.5067, 58.1336, 66.9052



63.0290, 58.1336, 55.4406

Triad

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



63.5067, 58.1336, 66.9052



52.4380, 58.1336, 44.3002



50.3968, 58.1336, 82.7649

Complementary

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



63.5067, 58.1336, 66.9052



62.8444, 75.0675, 76.1467

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.



48.1467, 58.1336, 71.8640



63.5067, 58.1336, 66.9052



49.2836, 58.1336, 50.0132

Square

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



63.5067, 58.1336, 66.9052



56.5000, 58.1336, 43.3220



47.7496, 58.1336, 59.8221



54.0270, 58.1336, 88.6273

Rectangle

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



63.5067, 58.1336, 66.9052



61.4822, 58.1336, 49.4551



47.7496, 58.1336, 59.8221



49.4617, 58.1336, 79.5085

Sweetspot

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



63.5084, 58.1362, 66.9064



88.9286, 90.0504, 99.7901



61.1277, 56.4777, 86.2776



18.8976, 19.0529, 21.1533



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.



63.5084, 58.1362, 66.9064



73.2126, 64.8447, 75.3564



62.1715, 58.9584, 55.6834



15.3178, 15.1550, 16.9587



20.2764, 10.3132, 7.2568



1.6387, 0.8284, 0.8148

Inverse Universe

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



63.5084, 58.1362, 66.9064



73.2126, 64.8447, 75.3564



64.3356, 73.8896, 89.4694



15.3178, 15.1550, 16.9587



20.2764, 10.3132, 7.2568



1.6387, 0.8284, 0.8148

Previews

White Background



This preview shows how the XYZ color 63.5067, 58.1336, 66.9052 looks on a white background.

Color Contrast Check

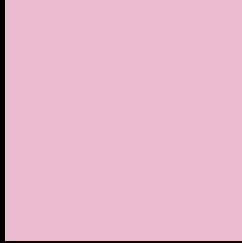
Large Text (above 18pt) WCAG AA × Fail

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 63.5067, 58.1336, 66.9052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

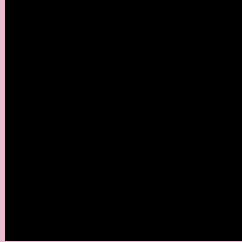
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5067, 58.1336, 66.9052

Background



This preview shows how black text looks on a background with the XYZ color 63.5067, 58.1336, 66.9052.



This preview shows how white text looks on a background with the XYZ color 63.5067, 58.1336,

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

63.5067, 58.1336, 66.9052

Protanopia

56.8793, 58.5811, 71.9278

Deuteranopia

59.5691, 58.3919, 66.5236



Tritanopia

63.2380, 58.3692, 64.4333

Trichromacy



Original Color

63.5067, 58.1336, 66.9052

Protanomaly

58.9384, 58.3291, 69.7803

Deuteranomaly

60.7307, 58.0028, 66.3873

Tritanomaly

63.3576, 58.4170, 65.0630

Monochromacy



Original Color

63.5067, 58.1336, 66.9052

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.2379, 59.2430, 66.0705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5067, 58.1336, 66.9052 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(235, 188, 207)` looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 207)  
}
```

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(235, 188, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 207) }
```

Border

The CSS property to change the border of an element to XYZ 63.5067, 58.1336, 66.9052 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(235, 188, 207) }
```


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

```
.border{ border-color:rgb(235, 188, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 188, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 207);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5067, 58.1336, 66.9052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 188, 207) }
```

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

```
.background{ background-color: rgb(235,  
188, 207) }
```

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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