

Converting Colors

XYZ(64.3294, 57.4101, 67.9967)

Have a look what the booklet for
XYZ(64.3294, 57.4101, 67.9967)
contains.

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Color

**XYZ(64.2457, 57.2352,
67.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB8D1
RGB	239, 184, 209
RGB Percent	94%, 72%, 82%
CMY	0.0627, 0.2784, 0.1804
CMYK	0.00, 0.23, 0.13, 0.06
HSL	333°, 63%, 83%
HSV	333°, 23%, 94%
XYZ	64.2457, 57.2352, 67.9830
YIQ	203.2950, 24.7550, 19.4350

Conversions

Conversions Part 2

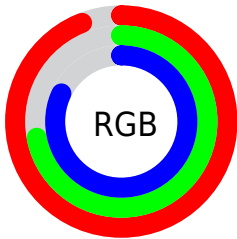
Format	Color
R _Y B	239, 184, 209
Decimal	15710417
CIE Lab	80.31, 23.67, -4.89
CIE LCh	80, 24.168, 348.338
Yxy	57.2352, 0.3391, 0.3021
Android (android.graphics.Color)	4293900497 (0xFFEFB8D1)
YUV	203.2950, 2.8126, 31.3133
Hunter-Lab	75.6539, 19.1887, -0.3205

Details

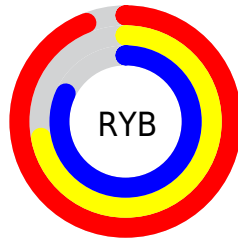
The XYZ color **64.2457, 57.2352, 67.9830** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.7736, 76.7798, 75.1334**, and the grayscale version is **56.9235, 59.8879, 65.2180**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **33.3241, 28.5442, 34.7636** is the 20% darker color. If you saturate the color by 10%, you get **58.1457, 47.5130, 58.3093**, and if you desaturate by 10%, it is **71.3198, 68.6927, 78.6345**.

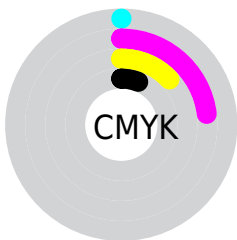
Distribution



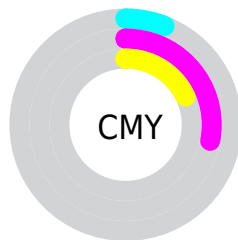
- Red (94%)
- Green (72%)
- Blue (82%)



- Red (94%)
- Yellow (72%)
- Blue (82%)



- Cyan (0%)
- Magenta (23%)
- Yellow (13%)
- Black (6%)



- Cyan (6%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2457, 57.2352, 67.9830 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 64.2457, 57.2352, 67.9830 by changing the saturation by 10% instead.

64.2457, 57.2352,
67.9830

64.2457, 57.2352,
67.9830

429.6645,
414.3300, 472.0322

47.1121, 41.1941,
49.4173

110.0365,
100.8083, 117.9818

33.3326, 28.4708,
34.5827

139.4244,
129.1091, 150.2520

22.5418, 18.6808,
23.0606

173.6278,
162.2652, 187.9274

14.3744, 11.4399,
14.4326

213.0120,
200.6611, 231.4267

8.4650, 6.3635,
8.2799

257.9425,
244.6811, 281.1682

4.4482, 3.0674,
4.1843

308.7845,

1.9587, 1.1670,

294.7097, 337.5706

1.7270

365.9034,
351.1312, 401.0524

■ 0.6106, 0.0345,
0.3791

■ 0.0000, 0.0000,
0.0000

■ 64.2457, 57.2352,
67.9830

■ 64.2457, 57.2352,
67.9830

■ 58.1457, 47.5130,
58.3093

■ 71.3198, 68.6927,
78.6345

■ 52.9696, 39.4330,
49.5791

■ 79.4053, 81.9575,
90.2891

■ 48.6700, 32.9048,
41.7613

■ 88.3177, 96.6552,
102.9007

■ 45.1931, 27.8263,
34.8210

■ 89.4069, 97.0909,
108.6359

■ 42.4787, 24.0829,
28.7207

■ 40.4578, 21.5422,
23.4192

■ 39.0473, 20.0445,
18.8694

■ 38.3371, 19.4470,
16.0959

Harmonies

Analogous

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



61.8114, 57.2352, 82.2131



64.2457, 57.2352, 67.9830



63.9263, 57.2352, 54.1446

Triad

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



64.2457, 57.2352, 67.9830



51.4656, 57.2352, 39.8951



48.3260, 57.2352, 84.9377

Complementary

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



64.2457, 57.2352, 67.9830



62.7736, 76.7798, 75.1334

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.



45.8711, 57.2352, 71.2782



64.2457, 57.2352, 67.9830



47.6067, 57.2352, 45.9255

Square

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



64.2457, 57.2352, 67.9830



56.3435, 57.2352, 39.2891



45.6160, 57.2352, 56.9794



52.5023, 57.2352, 92.9464

Rectangle

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



64.2457, 57.2352, 67.9830



62.1980, 57.2352, 46.9191



45.6160, 57.2352, 56.9794



47.2833, 57.2352, 80.7672

Sweetspot

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



64.2473, 57.2378, 67.9842



88.0892, 88.5239, 99.0408



60.2601, 54.7120, 89.0464



18.7322, 18.7467, 21.0227



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.



64.2473, 57.2378, 67.9842



70.6988, 60.3356, 72.9204



61.7742, 56.8618, 53.0702



16.0715, 15.8783, 17.9329



21.2501, 10.7725, 9.2336



1.8174, 0.9160, 1.0291

Inverse Universe

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



64.2473, 57.2378, 67.9842



70.6988, 60.3356, 72.9204



65.6814, 77.0886, 93.0797



16.0715, 15.8783, 17.9329



21.2501, 10.7725, 9.2336



1.8174, 0.9160, 1.0291

Previews

White Background



This preview shows how the XYZ color 64.2457, 57.2352, 67.9830 looks on a white background.

Color Contrast Check

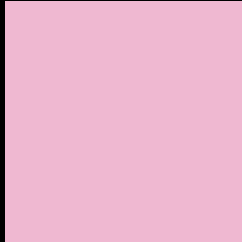
Large Text (above 18pt) WCAG AA × Fail

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 64.2457, 57.2352, 67.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

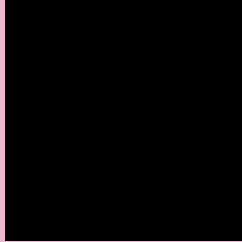
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2457, 57.2352, 67.9830

Background



This preview shows how black text looks on a background with the XYZ color 64.2457, 57.2352, 67.9830.



This preview shows how white text looks on a background with the XYZ color 64.2457, 57.2352,

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

64.2457, 57.2352, 67.9830

Protanopia

56.1377, 57.4559, 74.4610

Deuteranopia

58.3568, 57.0920, 66.9756



Tritanopia

63.2441, 57.4651, 62.4021

Trichromacy



Original Color

64.2457, 57.2352, 67.9830

Protanomaly

58.7763, 57.1924, 72.2314

Deuteranomaly

60.5391, 57.2283, 67.5299

Tritanomaly

63.3883, 57.1869, 64.1972

Monochromacy



Original Color

64.2457, 57.2352, 67.9830

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.0783, 58.4866, 65.9329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2457, 57.2352, 67.9830 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, 184, 209) looks like.

```
.text, #text, p{  
    color:rgb(239, 184, 209)  
}
```

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, 184, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 184, 209) }
```

Border

The CSS property to change the border of an element to XYZ 64.2457, 57.2352, 67.9830 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, 184, 209) }
```


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

```
.border{ border-color:rgb(239, 184, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 184, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 184, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 184, 209);  
box-shadow:4px 4px 4px 4px rgb(239, 184,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2457, 57.2352, 67.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 184, 209) }
```

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

```
.background{ background-color: rgb(239,  
184, 209) }
```

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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