

Converting Colors

XYZ(64.1896, 57.4580, 73.2624)

Have a look what the booklet for
XYZ(64.1896, 57.4580, 73.2624)
contains.

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Color

**XYZ(64.1343, 57.3698,
73.3389)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB9D9
RGB	235, 185, 217
RGB Percent	92%, 73%, 85%
CMY	0.0784, 0.2745, 0.1490
CMYK	0.00, 0.21, 0.08, 0.08
HSL	322°, 56%, 82%
HSV	322°, 21%, 92%
XYZ	64.1343, 57.3698, 73.3389
YIQ	203.5980, 19.5280, 20.5520

Conversions

Conversions Part 2

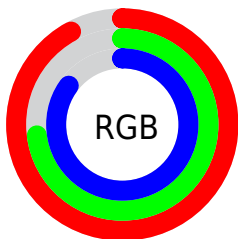
Format	Color
R _Y B	235, 185, 217
Decimal	15448537
CIE Lab	80.39, 23.09, -9.13
CIE LCh	80, 24.830, 338.423
Yxy	57.3698, 0.3292, 0.2944
Android (android.graphics.Color)	4293638617 (0xFFEBB9D9)
YUV	203.5980, 6.6072, 27.5396
Hunter-Lab	75.7429, 18.5926, -4.3882

Details

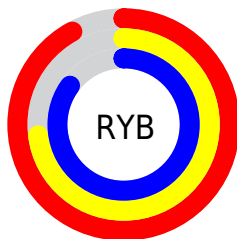
The XYZ color **64.1343, 57.3698, 73.3389** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.4977, 74.0444, 67.6067**, and the grayscale version is **57.0933, 60.0666, 65.4125**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **33.3633, 28.6949, 37.9626** is the 20% darker color. If you saturate the color by 10%, you get **58.5465, 47.9098, 66.1855**, and if you desaturate by 10%, it is **70.5944, 68.4825, 81.0627**.

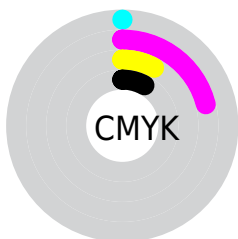
Distribution



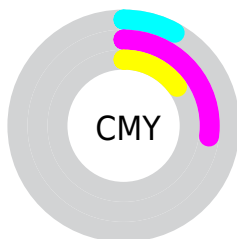
- Red (92%)
- Green (73%)
- Blue (85%)



- Red (92%)
- Yellow (73%)
- Blue (85%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1343, 57.3698, 73.3389 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 64.1343, 57.3698, 73.3389 by changing the saturation by 10% instead.

 64.1343, 57.3698,
73.3389

 64.1343, 57.3698,
73.3389


429.2690,
414.8336, 491.2908

 47.0215, 41.3022,
53.7596


 109.8770,
101.0046, 125.6836

 33.2607, 28.5553,
38.0176


139.2376,
129.3406, 159.2860

 22.4864, 18.7447,
25.6944


173.4116,
162.5348, 198.4000

 14.3334, 11.4859,
16.3715

212.7643,
200.9717, 243.4440

 8.4361, 6.3947,
9.6302

257.6610,
245.0356, 294.8365

 4.4294, 3.0865,
5.0521

308.4671,

 1.9478, 1.1771,

295.1109, 352.9961

2.2186

365.5480,
351.5821, 418.3414

■ 0.6044, 0.0429,
0.6851

■ 0.0000, 0.0000,
0.0000

■ 64.1343, 57.3698,
73.3389

■ 64.1343, 57.3698,
73.3389

■ 58.5465, 47.9098,
66.1855

■ 70.5944, 68.4825,
81.0627

■ 53.7852, 40.0147,
59.5813

■ 77.9597, 81.3148,
89.3701

■ 49.8080, 33.6001,
53.5084

■ 86.1060, 95.6163,
98.2242

■ 46.5666, 28.5709,
47.9466

■ 87.4094, 96.1376,
105.0875

■ 44.0068, 24.8202,
42.8732

■ 88.0714, 96.4024,
108.5734

■ 42.0669, 22.2260,
38.2632

■ 40.6728, 20.6416,
34.0873

■ 39.7982, 19.8771,
30.7598

Harmonies

Analogous

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



60.8324, 57.3698, 87.0697



64.1343, 57.3698, 73.3389



64.7823, 57.3698, 58.4538

Triad

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



64.1343, 57.3698, 73.3389



53.1087, 57.3698, 38.6607



47.2219, 57.3698, 81.5320

Complementary

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



64.1343, 57.3698, 73.3389



60.4977, 74.0444, 67.6067

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.



45.4177, 57.3698, 66.6576



64.1343, 57.3698, 73.3389



48.6754, 57.3698, 42.9976

Square

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



64.1343, 57.3698, 73.3389



58.2032, 57.3698, 39.8789



45.9328, 57.3698, 52.7246



51.0114, 57.3698, 92.2882

Rectangle

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



64.1343, 57.3698, 73.3389



63.5861, 57.3698, 50.0643



45.9328, 57.3698, 52.7246



46.3742, 57.3698, 76.7631

Sweetspot

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



64.1360, 57.3724, 73.3401



89.4875, 90.2740, 102.7331



56.8394, 53.3253, 85.8953



19.0297, 19.1057, 21.8488



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.



64.1360, 57.3724, 73.3401



73.8153, 63.3031, 84.0259



61.1819, 56.1907, 57.7841



15.4713, 15.2164, 17.7671



22.2124, 11.0877, 17.4518



1.7899, 0.8889, 1.6111

Inverse Universe

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



64.1360, 57.3724, 73.3401



73.8153, 63.3031, 84.0259



63.6521, 75.3061, 84.2175



15.4713, 15.2164, 17.7671



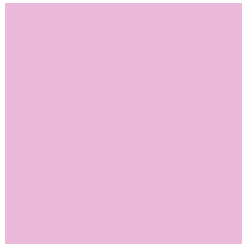
22.2124, 11.0877, 17.4518



1.7899, 0.8889, 1.6111

Previews

White Background



This preview shows how the XYZ color 64.1343, 57.3698, 73.3389 looks on a white background.

Color Contrast Check

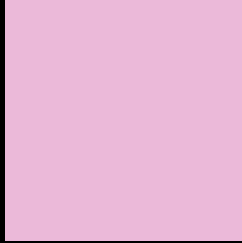
Large Text (above 18pt) WCAG AA × Fail

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 64.1343, 57.3698, 73.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

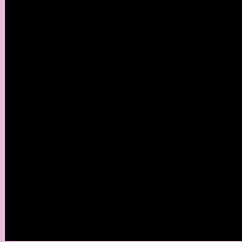
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1343, 57.3698, 73.3389

Background



This preview shows how black text looks on a background with the XYZ color 64.1343, 57.3698, 73.3389.



This preview shows how white text looks on a background with the XYZ color 64.1343, 57.3698,

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

64.1343, 57.3698, 73.3389

Protanopia

56.5496, 57.5602, 79.3639

Deuteranopia

58.7089, 57.4869, 72.2918



Tritanopia

62.2482, 57.5543, 63.7054

Trichromacy



Original Color

64.1343, 57.3698, 73.3389

Protanomaly

58.8331, 57.1155, 77.0308

Deuteranomaly

60.5407, 57.4351, 72.8610

Tritanomaly

62.9645, 57.5381, 66.8189

Monochromacy



Original Color

64.1343, 57.3698, 73.3389

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.4992, 58.9830, 68.5705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1343, 57.3698, 73.3389 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, 185, 217)` looks like.

```
.text, #text, p{  
    color:rgb(235, 185, 217)  
}
```

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, 185, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 185, 217) }
```

Border

The CSS property to change the border of an element to XYZ 64.1343, 57.3698, 73.3389 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, 185, 217) }
```


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

```
.border{ border-color:rgb(235, 185, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 185, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 185, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 185, 217);  
box-shadow:4px 4px 4px 4px rgb(235, 185,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1343, 57.3698, 73.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 185, 217) }
```

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

```
.background{ background-color: rgb(235,  
185, 217) }
```

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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