

Converting Colors

XYZ(64.0046, 57.3180, 72.6558)

Have a look what the booklet for
XYZ(64.0046, 57.3180, 72.6558)
contains.

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Color

**XYZ(64.0046, 57.3180,
72.6558)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB9D8
RGB	235, 185, 216
RGB Percent	92%, 73%, 85%
CMY	0.0784, 0.2745, 0.1529
CMYK	0.00, 0.21, 0.08, 0.08
HSL	323°, 56%, 82%
HSV	323°, 21%, 92%
XYZ	64.0046, 57.3180, 72.6558
YIQ	203.4840, 19.8490, 20.2410

Conversions

Conversions Part 2

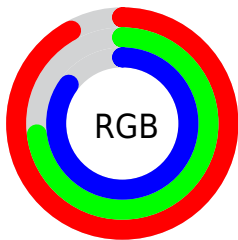
Format	Color
R _Y B	235, 185, 216
Decimal	15448536
CIE Lab	80.36, 22.92, -8.64
CIE LCh	80, 24.492, 339.355
Yxy	57.3180, 0.3300, 0.2955
Android (android.graphics.Color)	4293638616 (0xFFEBB9D8)
YUV	203.4840, 6.1704, 27.6395
Hunter-Lab	75.7087, 18.4150, -3.9032

Details

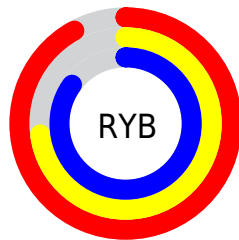
The XYZ color **64.0046, 57.3180, 72.6558** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.6173, 74.0922, 68.2366**, and the grayscale version is **57.0241, 59.9938, 65.3333**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **33.2747, 28.6594, 37.4963** is the 20% darker color. If you saturate the color by 10%, you get **58.3658, 47.8376, 65.2339**, and if you desaturate by 10%, it is **70.5220, 68.4536, 80.6815**.

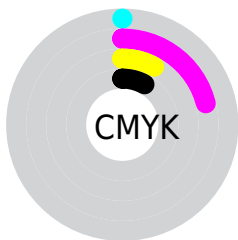
Distribution



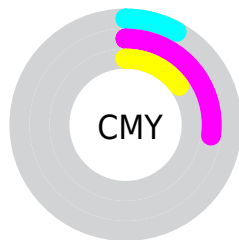
- Red (92%)
- Green (73%)
- Blue (85%)



- 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 64.0046, 57.3180, 72.6558 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 64.0046, 57.3180, 72.6558 by changing the saturation by 10% instead.


 64.0046, 57.3180,
72.6558

 64.0046, 57.3180,
72.6558


428.8082,
414.6398, 488.8598

 46.9161, 41.2606,
53.2045


 109.6913,
100.9290, 124.7048

 33.1770, 28.5228,
37.5772


139.0201,
129.2515, 158.1396

 22.4220, 18.7201,
25.3554


173.1598,
162.4311, 197.0726

 14.2856, 11.4682,
16.1206

212.4757,
200.8522, 241.9223

 8.4026, 6.3827,
9.4543

257.3331,
244.8992, 293.1074

 4.4076, 3.0791,
4.9378

308.0974,

 1.9352, 1.1732,

294.9566, 351.0463

2.1527

365.1340,
351.4086, 416.1576

■ 0.5972, 0.0396,
0.6469

■ 0.0000, 0.0000,
0.0000

■ 64.0046, 57.3180,
72.6558

■ 64.0046, 57.3180,
72.6558

■ 58.3658, 47.8376,
65.2339

■ 70.5220, 68.4536,
80.6815

■ 53.5597, 39.9245,
58.3938

■ 77.9511, 81.3115,
89.3248

■ 49.5438, 33.4945,
52.1168

■ 86.1678, 95.6410,
98.5497

■ 46.2694, 28.4520,
46.3817

■ 87.5484, 96.1932,
105.8195

■ 43.6825, 24.6905,
41.1652

■ 88.0713, 96.4024,
108.5734

■ 41.7208, 22.0876,
36.4411

■ 40.3104, 20.4967,
32.1793

■ 39.4258, 19.7281,
28.7990

Harmonies

Analogous

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



60.8219, 57.3180, 86.2772



64.0046, 57.3180, 72.6558



64.5525, 57.3180, 58.0296

Triad

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



64.0046, 57.3180, 72.6558



52.9274, 57.3180, 38.9446



47.3615, 57.3180, 81.5995

Complementary

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



64.0046, 57.3180, 72.6558



60.6173, 74.0922, 68.2366

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.



45.5121, 57.3180, 67.0046



64.0046, 57.3180, 72.6558



48.5933, 57.3180, 43.4076

Square

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



64.0046, 57.3180, 72.6558



57.9482, 57.3180, 39.9799



45.9488, 57.3180, 53.1750



51.1512, 57.3180, 91.9656

Rectangle

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



64.0046, 57.3180, 72.6558



63.3183, 57.3180, 49.8331



45.9488, 57.3180, 53.1750



46.5032, 57.3180, 76.9417

Sweetspot

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



64.0063, 57.3206, 72.6570



89.4397, 90.2548, 102.4812



57.0663, 53.4424, 85.9058



19.0184, 19.1012, 21.7892



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.



64.0063, 57.3206, 72.6570



73.6285, 63.2284, 83.0422



61.0895, 56.1539, 57.2977



15.4581, 15.2111, 17.6976



22.0061, 11.0051, 16.3652



1.7746, 0.8828, 1.5304

Inverse Universe

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



64.0063, 57.3206, 72.6570



73.6285, 63.2284, 83.0422



63.7678, 75.3524, 84.8264



15.4581, 15.2111, 17.6976



22.0061, 11.0051, 16.3652



1.7746, 0.8828, 1.5304

Previews

White Background



This preview shows how the XYZ color 64.0046, 57.3180, 72.6558 looks on a white background.

Color Contrast Check

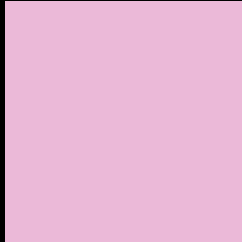
Large Text (above 18pt) WCAG AA × Fail

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 64.0046, 57.3180, 72.6558 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 64.0046, 57.3180, 72.6558

Background



This preview shows how black text looks on a background with the XYZ color 64.0046, 57.3180, 72.6558.



This preview shows how white text looks on a background with the XYZ color 64.0046, 57.3180,

72.6558.

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

64.0046, 57.3180, 72.6558

Protanopia

56.4136, 57.5057, 78.6474

Deuteranopia

58.5808, 57.4357, 71.6170



Tritanopia

62.0353, 57.1286, 63.6344

Trichromacy



Original Color

64.0046, 57.3180, 72.6558

Protanomaly

58.6995, 57.0620, 76.3269

Deuteranomaly

60.4117, 57.3835, 72.1821

Tritanomaly

62.7531, 57.1152, 66.7484

Monochromacy



Original Color

64.0046, 57.3180, 72.6558

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

59.1494, 58.4810, 67.8450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0046, 57.3180, 72.6558 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(235, 185, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 185, 216) }
```

Border

The CSS property to change the border of an element to XYZ 64.0046, 57.3180, 72.6558 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, 216) }
```


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

```
.border{ border-color:rgb(235, 185, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 185, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 185, 216);  
box-shadow:4px 4px 4px 4px rgb(235, 185,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0046, 57.3180, 72.6558 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, 216) }
```

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

```
.background{ background-color: rgb(235,  
185, 216) }
```

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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