

Converting Colors

XYZ(64.3176, 58.3512, 72.1467)

Have a look what the booklet for
XYZ(64.3176, 58.3512, 72.1467)
contains.

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Color

**XYZ(64.5099, 58.5349,
72.1883)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBCD7
RGB	235, 188, 215
RGB Percent	92%, 74%, 84%
CMY	0.0784, 0.2627, 0.1569
CMYK	0.00, 0.20, 0.09, 0.08
HSL	326°, 54%, 83%
HSV	326°, 20%, 92%
XYZ	64.5099, 58.5349, 72.1883
YIQ	205.1310, 19.3450, 18.3610

Conversions

Conversions Part 2

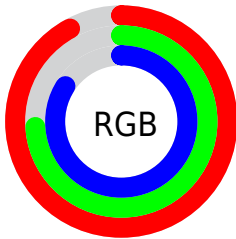
Format	Color
R_{YB}	235, 188, 215
Decimal	15449303
CIE _{Lab}	81.04, 21.15, -7.09
CIE _{LCh}	81, 22.308, 341.463
Yxy	58.5349, 0.3304, 0.2998
Android (android.graphics.Color)	4293639383 (0xFFEBBCD7)
YUV	205.1310, 4.8654, 26.1951
Hunter-Lab	76.5081, 16.6180, -2.3867

Details

The XYZ color **64.5099, 58.5349, 72.1883** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.8349, 74.6637, 70.8305**, and the grayscale version is **58.0745, 61.0989, 66.5367**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **33.4607, 29.1720, 37.1249** is the 20% darker color. If you saturate the color by 10%, you get **58.6469, 48.8023, 64.0866**, and if you desaturate by 10%, it is **71.2723, 69.9389, 80.9788**.

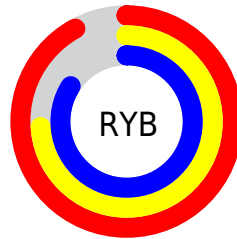
Distribution



Red (92%)

Green (74%)

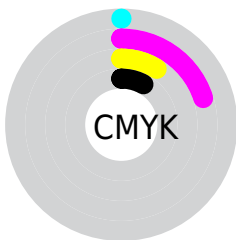
Blue (84%)



Red (92%)

Yellow (74%)

Blue (84%)

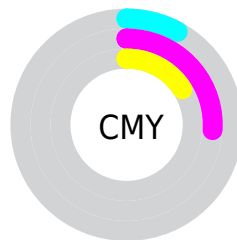


Cyan (0%)

Magenta (20%)

Yellow (9%)

Black (8%)



Cyan (8%)

Magenta (26%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.5099, 58.5349, 72.1883 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 64.5099, 58.5349, 72.1883 by changing the saturation by 10% instead.


 64.5099, 58.5349,
72.1883

 64.5099, 58.5349,
72.1883


430.6018,
419.1761, 487.1919

 47.3270, 42.2388,
52.8247


 110.4146,
102.7014, 124.0344

 33.5033, 29.2883,
37.2761


139.8671,
131.3406, 157.3540

 22.6733, 19.2991,
25.1239


174.1402,
164.8630, 196.1628

 14.4719, 11.8866,
15.9495

213.5992,
203.6529, 240.8792

 8.5335, 6.6665,
9.3345

258.6095,
248.0948, 291.9217

 4.4928, 3.2544,
4.8602

309.5365,

 1.9845, 1.2660,

298.5730, 349.7090

2.1082

366.7454,
355.4720, 414.6595

■ 0.6253, 0.1146,
0.6206

■ 0.0000, 0.0000,
0.0000

■ 64.5099, 58.5349,
72.1883

■ 64.5099, 58.5349,
72.1883

■ 58.6469, 48.8023,
64.0866

■ 71.2723, 69.9389,
80.9788

■ 53.6372, 40.6538,
56.6494

■ 78.9671, 83.0806,
90.4737

■ 49.4384, 34.0057,
49.8562

■ 86.5033, 95.7752,
100.3166

■ 46.0021, 28.7637,
43.6836

■ 88.0713, 96.4024,
108.5734

■ 43.2744, 24.8226,
38.1061

■ 41.1940, 22.0622,
33.0957

■ 39.6883, 20.3396,
28.6201

■ 38.6341, 19.4115,
24.6300

■ 38.6339, 19.4114,
24.6292

Harmonies

Analogous

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



61.7407, 58.5349, 84.8127



64.5099, 58.5349, 72.1883



64.8242, 58.5349, 58.8009

Triad

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



64.5099, 58.5349, 72.1883



53.8852, 58.5349, 41.8712



49.2277, 58.5349, 82.1499

Complementary

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



64.5099, 58.5349, 72.1883



61.8349, 74.6637, 70.8305

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.



47.3592, 58.5349, 68.9367



64.5099, 58.5349, 72.1883



49.9470, 58.5349, 46.4745

Square

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



64.5099, 58.5349, 72.1883



58.5141, 58.5349, 42.4895



47.6151, 58.5349, 55.9680



52.8532, 58.5349, 91.0914

Rectangle

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



64.5099, 58.5349, 72.1883



63.5796, 58.5349, 51.3322



47.6151, 58.5349, 55.9680



48.3826, 58.5349, 77.9891

Sweetspot

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



64.5116, 58.5375, 72.1895



89.3311, 90.2114, 101.9093



58.8764, 55.3171, 86.1722



18.9927, 19.0909, 21.6540



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.



64.5116, 58.5375, 72.1895



74.6239, 65.4092, 82.7881



61.7515, 57.4334, 57.6549



15.4281, 15.1991, 17.5399



21.5665, 10.8293, 14.0505



1.7415, 0.8695, 1.3559

Inverse Universe

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



64.5116, 58.5375, 72.1895



74.6239, 65.4092, 82.7881



64.8848, 75.8837, 86.8913



15.4281, 15.1991, 17.5399



21.5665, 10.8293, 14.0505



1.7415, 0.8695, 1.3559

Previews

White Background



This preview shows how the XYZ color 64.5099, 58.5349, 72.1883 looks on a white background.

Color Contrast Check

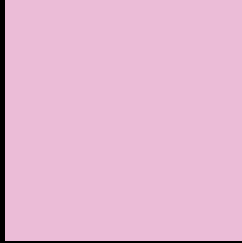
Large Text (above 18pt) WCAG AA × Fail

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 64.5099, 58.5349, 72.1883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

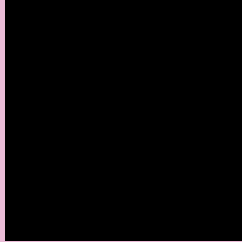
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.5099, 58.5349, 72.1883

Background



This preview shows how black text looks on a background with the XYZ color 64.5099, 58.5349, 72.1883.



This preview shows how white text looks on a background with the XYZ color 64.5099, 58.5349,

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

64.5099, 58.5349, 72.1883

Protanopia

57.3923, 58.7246, 77.4173

Deuteranopia

60.1964, 58.9338, 71.8210



Tritanopia

63.3646, 58.7271, 65.7534

Trichromacy



Original Color

64.5099, 58.5349, 72.1883

Protanomaly

59.6775, 58.5914, 75.1818

Deuteranomaly

61.6390, 58.6829, 71.6965

Tritanomaly

63.6379, 58.4911, 68.2574

Monochromacy



Original Color

64.5099, 58.5349, 72.1883

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.2509, 60.0492, 68.7367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5099, 58.5349, 72.1883 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 215) }
```

Border

The CSS property to change the border of an element to XYZ 64.5099, 58.5349, 72.1883 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, 215) }
```


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

```
.border{ border-color:rgb(235, 188, 215) }
```

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, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 215);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5099, 58.5349, 72.1883 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, 215) }
```

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

```
.background{ background-color: rgb(235,  
188, 215) }
```

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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