

Converting Colors

XYZ(58.8729, 54.1481, 64.2633)

Have a look what the booklet for
XYZ(58.8729, 54.1481, 64.2633)
contains.

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Color

**XYZ(58.8839, 54.2342,
64.4915)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B7CC
RGB	225, 183, 204
RGB Percent	88%, 72%, 80%
CMY	0.1176, 0.2823, 0.2000
CMYK	0.00, 0.19, 0.09, 0.12
HSL	330°, 41%, 80%
HSV	330°, 19%, 88%
XYZ	58.8839, 54.2342, 64.4915
YIQ	197.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

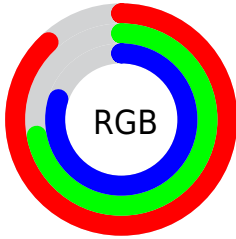
Format	Color
R _Y B	225, 183, 204
Decimal	14792652
CIE Lab	78.60, 18.49, -4.86
CIE LCh	79, 19.120, 345.269
Yxy	54.2342, 0.3315, 0.3054
Android (android.graphics.Color)	4292982732 (0xFFE1B7CC)
YUV	197.9520, 2.9817, 23.7211
Hunter-Lab	73.6439, 13.8476, -0.3708

Details

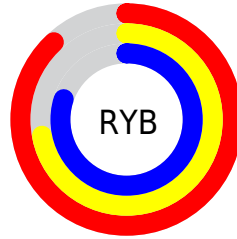
The XYZ color **58.8839, 54.2342, 64.4915** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.3549, 68.2787, 67.2861**, and the grayscale version is **53.6234, 56.4160, 61.4370**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **29.8498, 26.6023, 32.4157** is the 20% darker color. If you saturate the color by 10%, you get **53.3080, 45.1640, 56.2140**, and if you desaturate by 10%, it is **65.3023, 64.8319, 73.5321**.

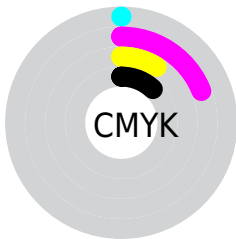
Distribution



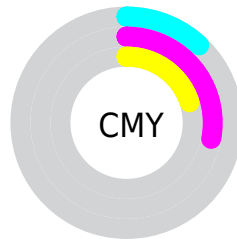
- Red (88%)
- Green (72%)
- Blue (80%)



- Red (88%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8839, 54.2342, 64.4915 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 58.8839, 54.2342, 64.4915 by changing the saturation by 10% instead.

■ 58.8839, 54.2342,
64.4915

■ 58.8839, 54.2342,
64.4915

410.3725,
403.0025, 459.2185

■ 42.7657, 38.7889,
46.6001

■ 102.3245, 96.4180,
112.9247

■ 29.8950, 26.5956,
32.3676

130.3776,
123.9254, 144.3037

■ 19.9066, 17.2697,
21.3753

163.1397,
156.2222, 181.0156

■ 12.4350, 10.4270,
13.2047

200.9761,
193.6929, 223.4791

■ 7.1150, 5.6830,
7.4373

244.2523,
236.7219, 272.1125

■ 3.5811, 2.6533,
3.6545

293.3335,

■ 1.4680, 0.9535,

285.6936, 327.3345

1.4378

348.5851,
340.9923, 389.5637

■ 0.3039, 0.0000,
0.1709

■ 0.0000, 0.0000,
0.0000

■ 58.8839, 54.2342,
64.4915

■ 58.8839, 54.2342,
64.4915

■ 53.3080, 45.1640,
56.2140

■ 65.3023, 64.8319,
73.5321

■ 48.5327, 37.5429,
48.6736

■ 72.5932, 77.0163,
83.3538

■ 44.5193, 31.2964,
41.8477

■ 80.7911, 90.8523,
93.9780

■ 41.2242, 26.3404,
35.7110

■ 83.9114, 94.3676,
103.4192

■ 38.5987, 22.5815,
30.2359

■ 84.8616, 94.7477,
108.4232

■ 36.5880, 19.9137,
25.3927

■ 35.1274, 18.2116,
21.1476

■ 34.1211, 17.2877,
17.4559

■ 34.0036, 17.1885,
16.9982

Harmonies

Analogous

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



56.8731, 54.2342, 74.9065



58.8839, 54.2342, 64.4915



58.8646, 54.2342, 53.7497

Triad

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



58.8839, 54.2342, 64.4915



49.6618, 54.2342, 41.1977



46.6112, 54.2342, 75.0683

Complementary

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



58.8839, 54.2342, 64.4915



57.3549, 68.2787, 67.2861

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.



44.8642, 54.2342, 64.6916



58.8839, 54.2342, 64.4915



46.5661, 54.2342, 45.6088

Square

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



58.8839, 54.2342, 64.4915



53.4139, 54.2342, 41.1580



44.8481, 54.2342, 53.9270



49.7260, 54.2342, 81.4999

Rectangle

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



58.8839, 54.2342, 64.4915



57.6979, 54.2342, 47.8536



44.8481, 54.2342, 53.9270



45.8513, 54.2342, 71.8734

Sweetspot

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



58.8855, 54.2366, 64.4926



89.1543, 90.1407, 100.9785



55.4280, 52.1433, 78.3781



18.9509, 19.0742, 21.4339



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.



58.8855, 54.2366, 64.4926



75.4983, 67.6040, 81.7047



56.5340, 53.2960, 52.1102



13.9916, 13.8143, 15.7259



19.6533, 9.9283, 10.1059



1.4075, 0.7063, 0.9385

Inverse Universe

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



58.8855, 54.2366, 64.4926



75.4983, 67.6040, 81.7047



60.0459, 69.3551, 81.4569



13.9916, 13.8143, 15.7259



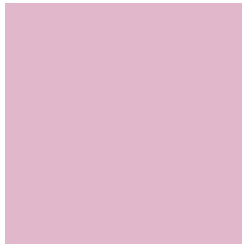
19.6533, 9.9283, 10.1059



1.4075, 0.7063, 0.9385

Previews

White Background



This preview shows how the XYZ color 58.8839, 54.2342, 64.4915 looks on a white background.

Color Contrast Check

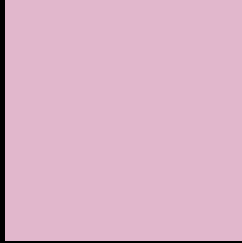
Large Text (above 18pt) WCAG AA × Fail

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 58.8839, 54.2342, 64.4915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

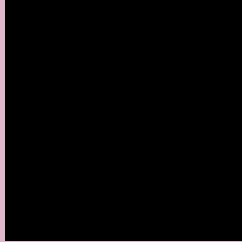
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8839, 54.2342, 64.4915

Background



This preview shows how black text looks on a background with the XYZ color 58.8839, 54.2342, 64.4915.



This preview shows how white text looks on a background with the XYZ color 58.8839, 54.2342,

64.4915.

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

58.8839, 54.2342, 64.4915

Protanopia

52.9510, 54.2624, 68.6556

Deuteranopia

55.5554, 54.4086, 64.0737



Tritanopia

58.0740, 54.2055, 60.8280

Trichromacy



Original Color

58.8839, 54.2342, 64.4915

Protanomaly

54.7596, 53.9284, 67.1976

Deuteranomaly

56.5741, 54.2995, 63.9990

Tritanomaly

58.3063, 54.2984, 62.0511

Monochromacy



Original Color

58.8839, 54.2342, 64.4915

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.5077, 55.7200, 62.4730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8839, 54.2342, 64.4915 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(225, 183, 204)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 204)  
}
```

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(225, 183, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.8839, 54.2342, 64.4915 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(225, 183, 204) }
```


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

```
.border{ border-color:rgb(225, 183, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 204);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8839, 54.2342, 64.4915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 204) }
```

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

```
.background{ background-color: rgb(225,  
183, 204) }
```

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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