

Converting Colors

XYZ(60.4084, 54.3143, 61.6003)

Have a look what the booklet for
XYZ(60.4084, 54.3143, 61.6003)
contains.

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Color

**XYZ(60.2343, 54.0897,
61.2985)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B4C7
RGB	233, 180, 199
RGB Percent	91%, 71%, 78%
CMY	0.0863, 0.2941, 0.2196
CMYK	0.00, 0.23, 0.15, 0.09
HSL	338°, 55%, 81%
HSV	338°, 23%, 91%
XYZ	60.2343, 54.0897, 61.2985
YIQ	198.0130, 25.4890, 17.1450

Conversions

Conversions Part 2

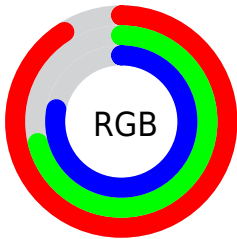
Format	Color
R _Y B	233, 180, 199
Decimal	15316167
CIE Lab	78.51, 22.09, -2.19
CIE LCh	79, 22.196, 354.343
Yxy	54.0897, 0.3430, 0.3080
Android (android.graphics.Color)	4293506247 (0xFFE9B4C7)
YUV	198.0130, 0.4866, 30.6836
Hunter-Lab	73.5457, 17.4874, 2.0653

Details

The XYZ color **60.2343, 54.0897, 61.2985** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.1011, 72.8375, 74.5131**, and the grayscale version is **53.6720, 56.4671, 61.4927**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **30.8317, 26.5702, 30.2916** is the 20% darker color. If you saturate the color by 10%, you get **54.2690, 44.8011, 51.1636**, and if you desaturate by 10%, it is **67.1639, 65.0327, 72.5972**.

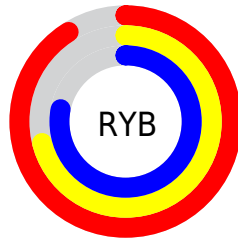
Distribution



Red (91%)

Green (71%)

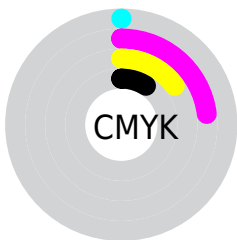
Blue (78%)



Red (91%)

Yellow (71%)

Blue (78%)

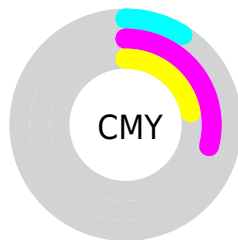


Cyan (0%)

Magenta (23%)

Yellow (15%)

Black (9%)



Cyan (9%)

Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2343, 54.0897, 61.2985 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 60.2343, 54.0897, 61.2985 by changing the saturation by 10% instead.

60.2343, 54.0897,
61.2985

60.2343, 54.0897,
61.2985

415.2818,
402.4520, 447.3044

43.8577, 38.6734,
44.0340

104.2739, 96.2059,
108.2728

30.7561, 26.5057,
30.3598

132.6676,
123.6746, 138.8196

20.5641, 17.2024,
19.8575

165.7977,
155.9296, 174.6309

12.9164, 10.3789,
12.1085

204.0296,
193.3552, 216.1254

7.4476, 5.6509,
6.6942

247.7285,
236.3359, 263.7214

3.7924, 2.6340,
3.1960

297.2600,

1.5854, 0.9438,

285.2559, 317.8375

1.1956

352.9893,
340.4998, 378.8924

■ 0.3828, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2343, 54.0897,
61.2985

■ 60.2343, 54.0897,
61.2985

■ 54.2690, 44.8011,
51.1636

■ 67.1639, 65.0327,
72.5972

■ 49.2189, 37.0786,
42.1503

■ 75.0945, 77.6980,
85.0934

■ 45.0375, 30.8367,
34.2184

■ 84.0667, 92.1588,
98.8234

■ 41.6723, 25.9788,
27.3238

■ 87.4145, 96.0637,
108.5427

■ 39.0646, 22.3968,
21.4189

■ 37.1473, 19.9660,
16.4519

■ 35.8402, 18.5364,
12.3641

■ 35.1858, 17.9563,
9.9000

Harmonies

Analogous

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



58.5450, 54.0897, 74.0662



60.2343, 54.0897, 61.2985



59.4529, 54.0897, 49.5211

Triad

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



60.2343, 54.0897, 61.2985



48.0241, 54.0897, 39.5769



46.6662, 54.0897, 80.6923

Complementary

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



60.2343, 54.0897, 61.2985



60.1011, 72.8375, 74.5131

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.



44.1285, 54.0897, 69.3818



60.2343, 54.0897, 61.2985



44.8808, 54.0897, 45.9504

Square

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



60.2343, 54.0897, 61.2985



52.2433, 54.0897, 38.0455



43.4937, 54.0897, 56.5542



50.5868, 54.0897, 86.2356

Rectangle

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



60.2343, 54.0897, 61.2985



57.6574, 54.0897, 43.6242



43.4937, 54.0897, 56.5542



45.6322, 54.0897, 77.3676

Sweetspot

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



60.2358, 54.0921, 61.2996



87.8282, 88.4195, 97.6663



58.6365, 52.7595, 84.1844



18.6719, 18.7225, 20.7047



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.



60.2358, 54.0921, 61.2996



70.5669, 61.1356, 69.5965



59.6288, 56.1903, 50.8861



15.2885, 15.1433, 16.8047



20.0189, 10.2102, 5.9008



1.6165, 0.8196, 0.6978

Inverse Universe

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



60.2358, 54.0921, 61.2996



70.5669, 61.1356, 69.5965



60.7104, 69.9444, 87.3921



15.2885, 15.1433, 16.8047



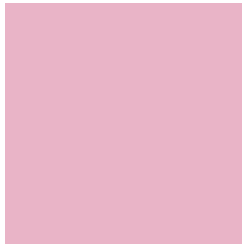
20.0189, 10.2102, 5.9008



1.6165, 0.8196, 0.6978

Previews

White Background



This preview shows how the XYZ color 60.2343, 54.0897, 61.2985 looks on a white background.

Color Contrast Check

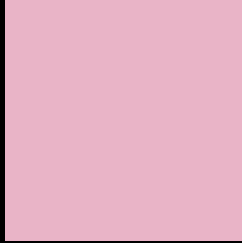
Large Text (above 18pt) WCAG AA × Fail

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 60.2343, 54.0897, 61.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

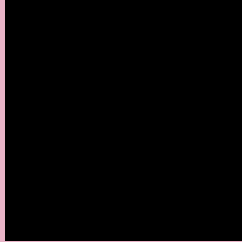
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2343, 54.0897, 61.2985

Background



This preview shows how black text looks on a background with the XYZ color 60.2343, 54.0897, 61.2985.



This preview shows how white text looks on a background with the XYZ color 60.2343, 54.0897,

61.2985.

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

60.2343, 54.0897, 61.2985

Protanopia

52.5806, 54.1143, 66.7053

Deuteranopia

55.2126, 53.9947, 60.3353



Tritanopia

59.6529, 54.1437, 58.9365

Trichromacy



Original Color

60.2343, 54.0897, 61.2985

Protanomaly

54.8947, 53.7360, 64.6056

Deuteranomaly

57.0572, 53.9908, 60.8401

Tritanomaly

59.7664, 54.1891, 59.5341

Monochromacy



Original Color

60.2343, 54.0897, 61.2985

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.6878, 55.1877, 61.1433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2343, 54.0897, 61.2985 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(233, 180, 199)` looks like.

```
.text, #text, p{  
    color:rgb(233, 180, 199)  
}
```

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(233, 180, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 180, 199) }
```

Border

The CSS property to change the border of an element to XYZ 60.2343, 54.0897, 61.2985 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(233, 180, 199) }
```


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

```
.border{ border-color:rgb(233, 180, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 180, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 180, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 180, 199);  
box-shadow:4px 4px 4px 4px rgb(233, 180,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2343, 54.0897, 61.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 180, 199) }
```

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

```
.background{ background-color: rgb(233,  
180, 199) }
```

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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