

Converting Colors

XYZ(60.5905, 49.3503, 54.6531)

Have a look what the booklet for
XYZ(60.5905, 49.3503, 54.6531)
contains.

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Color

**XYZ(60.4634, 49.2889,
54.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	F7A2BD
RGB	247, 162, 189
RGB Percent	97%, 64%, 74%
CMY	0.0314, 0.3647, 0.2588
CMYK	0.00, 0.34, 0.23, 0.03
HSL	341°, 84%, 80%
HSV	341°, 34%, 97%
XYZ	60.4634, 49.2889, 54.4711
YIQ	190.4930, 41.9930, 26.4170

Conversions

Conversions Part 2

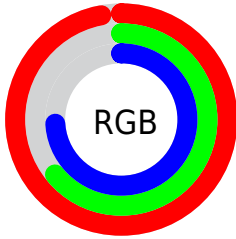
Format	Color
R _Y B	247, 162, 189
Decimal	16229053
CIE Lab	75.63, 35.06, -0.78
CIE LCh	76, 35.068, 358.718
Yxy	49.2889, 0.3682, 0.3001
Android (android.graphics.Color)	4294419133 (0xFFF7A2BD)
YUV	190.4930, -0.7360, 49.5566
Hunter-Lab	70.2061, 30.8686, 3.1426

Details

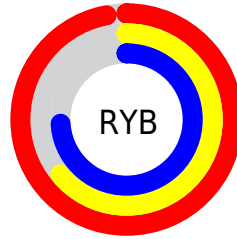
The XYZ color **60.4634, 49.2889, 54.4711** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.0814, 79.3714, 79.8148**, and the grayscale version is **49.2162, 51.7793, 56.3876**.

A 20% lighter version of the original color is **82.7928, 77.9954, 97.0772**, and **30.8988, 23.5337, 26.2065** is the 20% darker color. If you saturate the color by 10%, you get **54.8076, 40.7369, 44.0777**, and if you desaturate by 10%, it is **67.1891, 59.6396, 66.2713**.

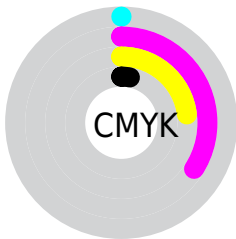
Distribution



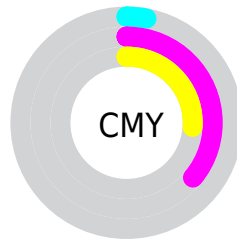
- Red (97%)
- Green (64%)
- Blue (74%)



- Red (97%)
- Yellow (64%)
- Blue (74%)



- Cyan (0%)
- Magenta (34%)
- Yellow (23%)
- Black (3%)





- Cyan (3%)
- Magenta (36%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4634, 49.2889, 54.4711 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 60.4634, 49.2889, 54.4711 by changing the saturation by 10% instead.


 60.4634, 49.2889,
54.4711


 60.4634, 49.2889,
54.4711


416.1112,
383.8785, 421.1292

 44.0431, 34.8487,
38.5827

 104.6041, 89.1204,
98.2290

 30.9025, 23.5464,
26.1299

 133.0553,
115.2805, 126.9355

 20.6761, 14.9975,
16.6942


166.2475,
146.1160, 160.7518

 12.9985, 8.8176,
9.8571

204.5461,
182.0113, 200.0965

 7.5045, 4.6224,
5.1999

248.3164,
223.3508, 245.3880

 3.8287, 2.0275,
2.3043

297.9237,

 1.6057, 0.6234,

270.5189, 297.0450

0.7336

353.7336,
323.9000, 355.4858

■ 0.3961, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4634, 49.2889,
54.4711

■ 60.4634, 49.2889,
54.4711

■ 54.8076, 40.7369,
44.0777

■ 67.1891, 59.6396,
66.2713

■ 50.1601, 33.8731,
35.0331

■ 75.0336, 71.8770,
79.5271

■ 46.4590, 28.5859,
27.2795

■ 84.0478, 86.0919,
94.2883

■ 43.6338, 24.7469,
20.7534

■ 92.1679, 98.5142,
108.7651

■ 41.6031, 22.2073,
15.3845

■ 40.2685, 20.7856,
11.0941

■ 39.7493, 20.3308,
9.1218

Harmonies

Analogous

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



58.3419, 49.2889, 74.4457



60.4634, 49.2889, 54.4711



58.6657, 49.2889, 38.2618

Triad

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



60.4634, 49.2889, 54.4711



41.1039, 49.2889, 28.0304



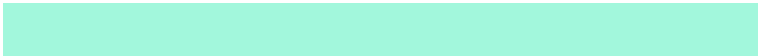
40.6621, 49.2889, 90.3700

Complementary

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



60.4634, 49.2889, 54.4711



61.0814, 79.3714, 79.8148

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.



36.7339, 49.2889, 72.7357



60.4634, 49.2889, 54.4711



36.9719, 49.2889, 37.1667

Square

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



60.4634, 49.2889, 54.4711



47.1275, 49.2889, 25.2805



35.4467, 49.2889, 52.8713



46.5689, 49.2889, 97.9118

Rectangle

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



60.4634, 49.2889, 54.4711



55.5724, 49.2889, 31.0419



35.4467, 49.2889, 52.8713



39.0874, 49.2889, 85.2520

Sweetspot

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



60.4648, 49.2912, 54.4721



84.7716, 83.7252, 92.2731



58.8239, 47.5670, 94.0771



17.8577, 17.4688, 19.2786



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.



60.4648, 49.2912, 54.4721



60.8340, 46.6629, 50.9592



60.4391, 53.5012, 41.3265



16.7160, 16.5692, 18.2509



21.0788, 10.7749, 5.1232



1.8973, 0.9649, 0.6858

Inverse Universe

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



60.4648, 49.2912, 54.4721



60.8340, 46.6629, 50.9592



60.7823, 72.5818, 98.8022



16.7160, 16.5692, 18.2509



21.0788, 10.7749, 5.1232



1.8973, 0.9649, 0.6858

Previews

White Background



This preview shows how the XYZ color 60.4634, 49.2889, 54.4711 looks on a white background.

Color Contrast Check

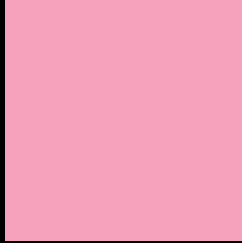
Large Text (above 18pt) WCAG AA × Fail

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 60.4634, 49.2889, 54.4711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

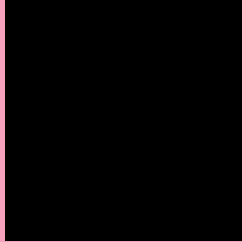
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4634, 49.2889, 54.4711

Background



This preview shows how black text looks on a background with the XYZ color 60.4634, 49.2889, 54.4711.



This preview shows how white text looks on a background with the XYZ color 60.4634, 49.2889,

54.4711.

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

60.4634, 49.2889, 54.4711

Protanopia

48.3460, 49.7439, 63.5533

Deuteranopia

50.5636, 49.5721, 53.3577



Tritanopia

59.2173, 49.3181, 47.9932

Trichromacy



Original Color

60.4634, 49.2889, 54.4711



Protanomaly

51.9276, 48.9314, 60.1339



Deuteranomaly

53.6209, 49.0756, 53.6601



Tritanomaly

59.4437, 49.1234, 50.0648

Monochromacy



Original Color

60.4634, 49.2889, 54.4711



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.4795, 50.2091, 55.6406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4634, 49.2889, 54.4711 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(247, 162, 189)` looks like.

```
.text, #text, p{  
    color:rgb(247, 162, 189)  
}
```

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(247, 162, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 162, 189) }
```

Border

The CSS property to change the border of an element to XYZ 60.4634, 49.2889, 54.4711 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(247, 162, 189) }
```


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

```
.border{ border-color:rgb(247, 162, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 162, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 162, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 162, 189);  
box-shadow:4px 4px 4px 4px rgb(247, 162,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4634, 49.2889, 54.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 162, 189) }
```

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

```
.background{ background-color: rgb(247,  
162, 189) }
```

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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