

Converting Colors

XYZ(61.4119, 50.3623, 54.5087)

Have a look what the booklet for
XYZ(61.4119, 50.3623, 54.5087)
contains.

XYZ(61.5277, 50.3648, 54.6226)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.5277, 50.3648,
54.6226)**

Conversions

Conversions Part 1

Format	Color
Hex	F9A4BD
RGB	249, 164, 189
RGB Percent	98%, 64%, 74%
CMY	0.0235, 0.3568, 0.2588
CMYK	0.00, 0.34, 0.24, 0.02
HSL	342°, 88%, 81%
HSV	342°, 34%, 98%
XYZ	61.5277, 50.3648, 54.6226
YIQ	192.2650, 42.6350, 25.7950

Conversions

Conversions Part 2

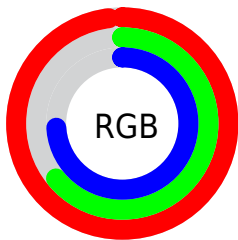
Format	Color
R _Y B	249, 164, 189
Decimal	16360637
CIE Lab	76.29, 34.71, 0.21
CIE LCh	76, 34.715, 0.345
Yxy	50.3648, 0.3695, 0.3025
Android (android.graphics.Color)	4294550717 (0xFFF9A4BD)
YUV	192.2650, -1.6096, 49.7566
Hunter-Lab	70.9682, 30.5610, 4.0435

Details

The XYZ color **61.5277, 50.3648, 54.6226** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.6423, 81.0270, 82.8633**, and the grayscale version is **50.2507, 52.8676, 57.5728**.

A 20% lighter version of the original color is **83.3146, 79.0390, 97.2511**, and **31.6142, 24.2228, 26.3018** is the 20% darker color. If you saturate the color by 10%, you get **55.7062, 41.5923, 43.8321**, and if you desaturate by 10%, it is **68.4556, 60.9792, 66.9239**.

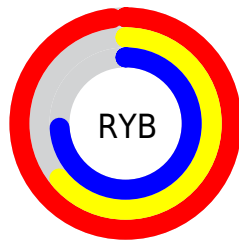
Distribution



Red (98%)

Green (64%)

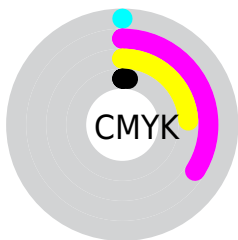
Blue (74%)



Red (98%)

Yellow (64%)

Blue (74%)

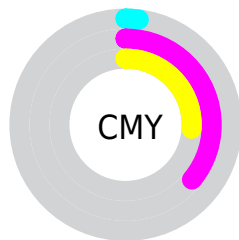


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (2%)



Cyan (2%)

Magenta (36%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5277, 50.3648, 54.6226 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 61.5277, 50.3648, 54.6226 by changing the saturation by 10% instead.

 61.5277, 50.3648,
54.6226


 61.5277, 50.3648,
54.6226


419.9513,
388.0908, 421.7213

 44.9053, 35.7033,
38.7031


 106.1364, 90.7151,
98.4534

 31.5838, 24.2052,
26.2228


 134.8535,
117.1728, 127.2017

 21.1978, 15.4859,
16.7631


168.3329,
148.3314, 161.0634

 13.3820, 9.1611,
9.9056

206.9398,
184.5752, 200.4571

 7.7709, 4.8464,
5.2316

251.0398,
226.2886, 245.8011

 3.9993, 2.1574,
2.3227

300.9981,

 1.7017, 0.6966,

273.8561, 297.5141

0.7439

357.1802,
327.6620, 356.0147

■ 0.4573, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5277, 50.3648,
54.6226

■ 61.5277, 50.3648,
54.6226

■ 55.7062, 41.5923,
43.8321

■ 68.4556, 60.9792,
66.9239

■ 50.9276, 34.5490,
34.4891

■ 76.5404, 73.5253,
80.7898

■ 47.1280, 29.1209,
26.5297

■ 85.8348, 88.0959,
96.2751

■ 44.2347, 25.1771,
19.8838

■ 92.8771, 98.8798,
108.7983

■ 42.1639, 22.5661,
14.4745

■ 40.8145, 21.1033,
10.2147

■ 40.2772, 20.6239,
8.2005

Harmonies

Analogous

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



59.6079, 50.3648, 74.5825



61.5277, 50.3648, 54.6226



59.5205, 50.3648, 38.6310

Triad

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



61.5277, 50.3648, 54.6226



41.8138, 50.3648, 29.3302



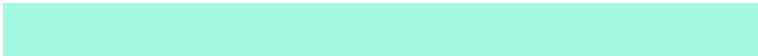
41.9335, 50.3648, 92.3164

Complementary

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



61.5277, 50.3648, 54.6226



62.6423, 81.0270, 82.8633

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.



37.8490, 50.3648, 75.0436



61.5277, 50.3648, 54.6226



37.7844, 50.3648, 38.9285

Square

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



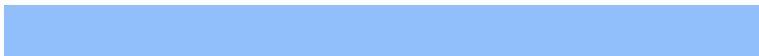
61.5277, 50.3648, 54.6226



47.7947, 50.3648, 26.2084



36.4000, 50.3648, 55.0554



47.9458, 50.3648, 99.1289

Rectangle

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



61.5277, 50.3648, 54.6226



56.3215, 50.3648, 31.5872



36.4000, 50.3648, 55.0554



40.3098, 50.3648, 87.3731

Sweetspot

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



61.5291, 50.3672, 54.6236



84.6838, 83.6901, 91.8104



60.9620, 49.1606, 95.8988



17.8366, 17.4603, 19.1672



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.



61.5291, 50.3672, 54.6236



60.5789, 46.5608, 49.6157



62.2934, 55.8702, 42.6258



17.4546, 17.3092, 18.9836



21.6134, 11.0611, 4.6724



2.0460, 1.0421, 0.6655

Inverse Universe

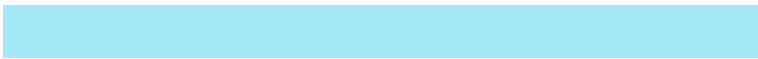
The Inverse Universe completely reimagines the original color for something new.



61.5291, 50.3672, 54.6236



60.5789, 46.5608, 49.6157



61.2672, 72.4469, 100.3775



17.4546, 17.3092, 18.9836



21.6134, 11.0611, 4.6724



2.0460, 1.0421, 0.6655

Previews

White Background



This preview shows how the XYZ color 61.5277, 50.3648, 54.6226 looks on a white background.

Color Contrast Check

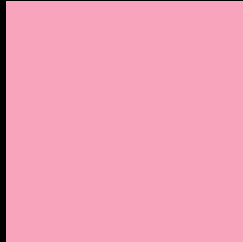
Large Text (above 18pt) WCAG AA × Fail

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 61.5277, 50.3648, 54.6226 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 61.5277, 50.3648, 54.6226

Background



This preview shows how black text looks on a background with the XYZ color 61.5277, 50.3648, 54.6226.



This preview shows how white text looks on a background with the XYZ color 61.5277, 50.3648,

54.6226.

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

61.5277, 50.3648, 54.6226

Protanopia

49.2889, 50.5438, 63.6580

Deuteranopia

51.6033, 50.4110, 53.4649



Tritanopia

60.3835, 50.4432, 48.6734

Trichromacy



Original Color

61.5277, 50.3648, 54.6226



Protanomaly

52.8915, 50.0191, 60.2930



Deuteranomaly

54.7310, 49.9358, 53.7676



Tritanomaly

60.6100, 50.2441, 50.7596

Monochromacy



Original Color

61.5277, 50.3648, 54.6226



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.5725, 51.3636, 56.3808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5277, 50.3648, 54.6226 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(249, 164, 189)` looks like.

```
.text, #text, p{  
    color:rgb(249, 164, 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(249, 164, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 164, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.5277, 50.3648, 54.6226 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(249, 164, 189) }
```


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

```
.border{ border-color:rgb(249, 164, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 164, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 164, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 164, 189);  
box-shadow:4px 4px 4px 4px rgb(249, 164,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5277, 50.3648, 54.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 164, 189) }
```

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

```
.background{ background-color: rgb(249,  
164, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor