

# Converting Colors

XYZ(61.4674, 47.0886, 58.2964)

Have a look what the booklet for  
XYZ(61.4674, 47.0886, 58.2964)  
contains.

<b>XYZ(61.3369, 47.1374, 58.0902)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(61.3369, 47.1374,  
58.0902)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC98C4
RGB	252, 152, 196
RGB Percent	99%, 60%, 77%
CMY	0.0118, 0.4039, 0.2314
CMYK	0.00, 0.40, 0.22, 0.01
HSL	334°, 94%, 79%
HSV	334°, 40%, 99%
XYZ	61.3369, 47.1374, 58.0902
YIQ	186.9160, 45.4760, 34.8840

# Conversions

## Conversions Part 2

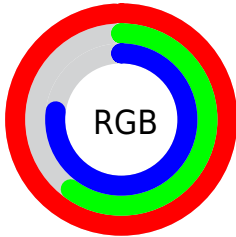
Format	Color
<a href="#">RYB</a>	<a href="#">252, 152, 196</a>
Decimal	<a href="#">16554180</a>
CIELab	<a href="#">74.28, 42.95, -6.56</a>
CIELCh	<a href="#">74, 43.451, 351.318</a>
Yxy	<a href="#">47.1374, 0.3682, 0.2830</a>
Android (android.graphics.Color)	<a href="#">4294744260 (0xFFFC98C4)</a>
YUV	<a href="#">186.9160, 4.4784, 57.0787</a>
Hunter-Lab	<a href="#">68.6567, 39.3202, -2.1054</a>

# Details

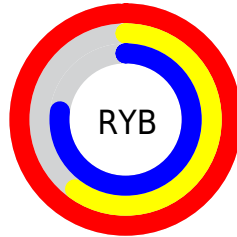
The XYZ color **61.3369, 47.1374, 58.0902** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.1465, 80.8515, 72.1668**, and the grayscale version is **47.1456, 49.6008, 54.0153**.

A 20% lighter version of the original color is **81.5255, 73.4636, 102.8115**, and **31.3366, 22.2141, 28.2273** is the 20% darker color. If you saturate the color by 10%, you get **56.1414, 39.1971, 48.8023**, and if you desaturate by 10%, it is **67.5550, 56.8802, 68.4655**.

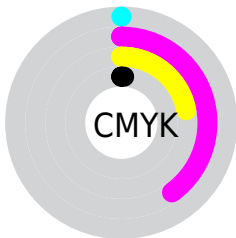
# Distribution



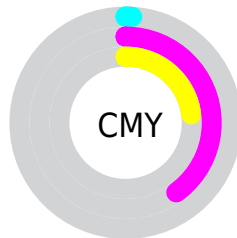
- Red (99%)
- Green (60%)
- Blue (77%)



- Red (99%)
- Yellow (60%)
- Blue (77%)



- Cyan (0%)
- Magenta (40%)
- Yellow (22%)
- Black (1%)




- Cyan (1%)
- Magenta (40%)
- Yellow (23%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3369, 47.1374, 58.0902 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 61.3369, 47.1374, 58.0902 by changing the saturation by 10% instead.





 61.3369, 47.1374,  
58.0902


 61.3369, 47.1374,  
58.0902


419.2644,  
375.3627, 435.1296

 44.7507, 33.1443,  
41.4660


 105.8619, 85.9187,  
103.5703

 31.4615, 22.2370,  
28.3609


 134.5315,  
111.4756, 133.2632

 21.1041, 14.0311,  
18.3565

167.9595,  
141.6560, 168.1495

 13.3130, 8.1423,  
11.0342

206.5114,  
176.8442, 208.6476

 7.7229, 4.1862,  
5.9754

250.5524,  
217.4245, 255.1762

 3.9685, 1.7782,  
2.7616

300.4481,

 1.6843, 0.4736,

263.7815, 308.1536

0.9742

356.5636,  
316.2994, 367.9986

■ 0.4464, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 61.3369, 47.1374,  
58.0902

■ 61.3369, 47.1374,  
58.0902

■ 56.1414, 39.1971,  
48.8023

■ 67.5550, 56.8802,  
68.4655

■ 51.9048, 32.9399,  
40.5586

■ 74.8464, 68.5217,  
79.9633

■ 48.5623, 28.2424,  
33.3166

■ 83.2628, 82.1591,  
92.6203

■ 46.0384, 24.9615,  
27.0289

■ 92.8517, 97.8810,  
106.4705

■ 44.2443, 22.9265, 93.9551, 99.4355,  
21.6422 108.8488

■ 43.0410, 21.8679,  
17.0852

■ 43.0073, 21.8404,  
16.9512

# Harmonies

## Analogous

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



57.5694, 47.1374, 83.1483



61.3369, 47.1374, 58.0902



60.2889, 47.1374, 37.2308

# Triad

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



61.3369, 47.1374, 58.0902



39.5650, 47.1374, 20.7934



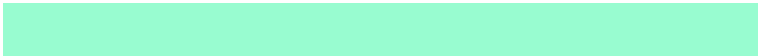
36.0619, 47.1374, 92.7208

# Complementary

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



61.3369, 47.1374, 58.0902



59.1465, 80.8515, 72.1668

# 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.



32.2252, 47.1374, 68.5900



61.3369, 47.1374, 58.0902



34.0784, 47.1374, 28.8750

# Square

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



61.3369, 47.1374, 58.0902



47.1066, 47.1374, 19.4814



31.5438, 47.1374, 45.1059



42.5751, 47.1374, 106.6186



# Rectangle

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



61.3369, 47.1374, 58.0902



57.0465, 47.1374, 27.8551



31.5438, 47.1374, 45.1059



34.4495, 47.1374, 85.2550

# Sweetspot

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



61.3383, 47.1396, 58.0911



83.4158, 80.9516, 92.0123



54.5330, 42.7527, 97.4738



17.6059, 16.9232, 19.3238



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.



61.3383, 47.1396, 58.0911



58.4840, 41.4902, 51.6330



57.8711, 47.0787, 35.7455



17.5618, 17.3521, 19.5484



22.4741, 11.4054, 9.2052



2.1338, 1.0773, 1.1279



# Inverse Universe

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



61.3383, 47.1396, 58.0911



58.4840, 41.4902, 51.6330



63.7819, 80.2263, 104.2195



17.5618, 17.3521, 19.5484



22.4741, 11.4054, 9.2052



2.1338, 1.0773, 1.1279



# Previews

## White Background



This preview shows how the XYZ color 61.3369, 47.1374, 58.0902 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

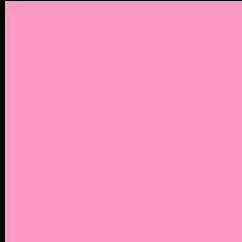
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.3369, 47.1374, 58.0902 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

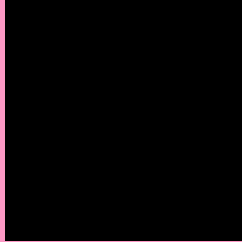
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 61.3369, 47.1374, 58.0902

## Background



This preview shows how black text looks on a background with the XYZ color 61.3369, 47.1374, 58.0902.



This preview shows how white text looks on a background with the XYZ color 61.3369, 47.1374,



# 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

61.3369, 47.1374, 58.0902

### Protanopia

47.1252, 47.7093, 71.0150

### Deuteranopia

48.4608, 47.5169, 56.4867



## Tritanopia

58.2853, 47.1183, 43.5589

# Trichromacy



## Original Color

61.3369, 47.1374, 58.0902



## Protanomaly

50.8499, 46.5173, 65.9732



## Deuteranomaly

52.4289, 46.9779, 56.7564



## Tritanomaly

59.2824, 47.0214, 48.5993

# Monochromacy



## Original Color

61.3369, 47.1374, 58.0902



## Achromatopsia

47.2335, 49.6933, 54.1160



## Achromatomaly

51.2943, 47.8387, 55.2455

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.3369, 47.1374, 58.0902 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(252, 152, 196)` looks like.

```
.text, #text, p{  
    color:rgb(252, 152, 196)  
}
```

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(252, 152, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 152, 196) }
```

## Border

The CSS property to change the border of an element to XYZ 61.3369, 47.1374, 58.0902 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(252, 152, 196) }
```



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

```
.border{ border-color:rgb(252, 152, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 152, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 152, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 152, 196);  
box-shadow:4px 4px 4px 4px rgb(252, 152,  
196) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.3369, 47.1374, 58.0902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 152, 196) }
```

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

```
.background{ background-color: rgb(252,  
152, 196) }
```

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