

# Converting Colors

XYZ(60.5698, 47.6615, 49.7233)

Have a look what the booklet for  
XYZ(60.5698, 47.6615, 49.7233)  
contains.

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# Color

**XYZ(60.5698, 47.6615,  
49.7233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD9BB5
RGB	253, 155, 181
RGB Percent	99%, 61%, 71%
CMY	0.0078, 0.3921, 0.2902
CMYK	0.00, 0.39, 0.28, 0.01
HSL	344°, 96%, 80%
HSV	344°, 39%, 99%
XYZ	60.5698, 47.6615, 49.7233
YIQ	187.2660, 50.0620, 28.8620

# Conversions

## Conversions Part 2

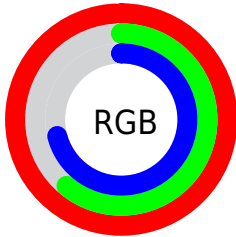
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 155, 181
Decimal	16620469
CIE Lab	74.61, 39.71, 2.21
CIE LCh	75, 39.769, 3.187
Yxy	47.6615, 0.3835, 0.3017
Android (android.graphics.Color)	4294810549 (0xFFFD9BB5)
YUV	187.2660, -3.0891, 57.6487
Hunter-Lab	69.0373, 35.7915, 5.6232

# Details

The XYZ color **60.5698, 47.6615, 49.7233** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.5101, 82.7662, 85.3580**, and the grayscale version is **47.3825, 49.8501, 54.2868**.

A 20% lighter version of the original color is **79.8203, 73.9630, 90.1901**, and **30.8958, 22.5306, 23.1425** is the 20% darker color. If you saturate the color by 10%, you get **55.0100, 39.3933, 39.0792**, and if you desaturate by 10%, it is **67.2687, 57.8001, 62.0037**.

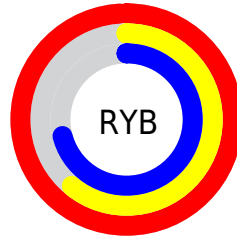
# Distribution



Red (99%)

Green (61%)

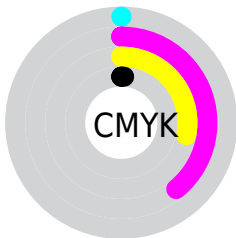
Blue (71%)



Red (99%)

Yellow (61%)

Blue (71%)

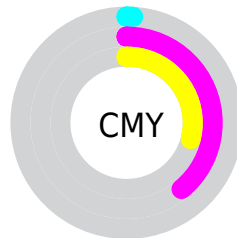


Cyan (0%)

Magenta (39%)

Yellow (28%)

Black (1%)



Cyan (1%)

Magenta (39%)


Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5698, 47.6615, 49.7233 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 60.5698, 47.6615, 49.7233 by changing the saturation by 10% instead.




 60.5698, 47.6615,  
49.7233


 60.5698, 47.6615,  
49.7233


416.4960,  
377.4488, 402.2869

 44.1293, 33.5589,  
34.8239

 104.7574, 86.7002,  
91.1569

 30.9705, 22.5549,  
23.2448


 133.2353,  
112.4051, 118.5281

 20.7281, 14.2652,  
14.5674


166.4563,  
142.7462, 150.8938

 13.0367, 8.3054,  
8.3731

204.7858,  
178.1079, 188.6724

 7.5310, 4.2910,  
4.2434

248.5892,  
218.8746, 232.2825

 3.8456, 1.8376,  
1.7598

298.2318,

 1.6152, 0.5105,

265.4308, 282.1426

0.4012

354.0789,  
318.1607, 338.6712

■ 0.4023, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.5698, 47.6615,  
49.7233

■ 60.5698, 47.6615,  
49.7233

■ 55.0100, 39.3933,  
39.0792

■ 67.2687, 57.8001,  
62.0037

■ 50.5200, 32.8736,  
29.9975

■ 75.1631, 69.9074,  
75.9842

■ 47.0284, 27.9767,  
22.4022

■ 84.3099, 84.0831,  
91.7287

■ 44.4535, 24.5571,  
16.2095

94.3181, 99.6227,  
108.8657

■ 42.6993, 22.4429,  
11.3264

■ 41.6317, 21.3878,  
7.6408

■ 41.5246, 21.2893,  
7.2486

# Harmonies

## Analogous

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



58.8074, 47.6615, 71.9038



60.5698, 47.6615, 49.7233



57.8967, 47.6615, 33.0847

# Triad

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



60.5698, 47.6615, 49.7233



38.1406, 47.6615, 25.2923



39.3410, 47.6615, 95.9096

# Complementary

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



60.5698, 47.6615, 49.7233



62.5101, 82.7662, 85.3580

# 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.



34.6787, 47.6615, 76.7511



60.5698, 47.6615, 49.7233



34.0390, 47.6615, 35.9924

# Square

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



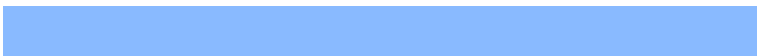
60.5698, 47.6615, 49.7233



44.5359, 47.6615, 21.5306



32.8412, 47.6615, 54.1296



46.0744, 47.6615, 102.3746



# Rectangle

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



60.5698, 47.6615, 49.7233



54.1090, 47.6615, 26.1938



32.8412, 47.6615, 54.1296



37.5045, 47.6615, 90.5291

# Sweetspot

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



60.5711, 47.6638, 49.7242



82.6424, 80.6422, 87.9394



61.0892, 46.8463, 98.7511



17.4245, 16.8507, 18.3689



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.



60.5711, 47.6638, 49.7242



57.4296, 42.2087, 42.5658



62.3199, 55.0392, 38.3523



18.2072, 18.0662, 19.7082



22.1404, 11.3455, 4.1241



2.1986, 1.1218, 0.6273



# Inverse Universe

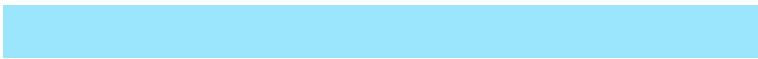
The Inverse Universe completely reimagines the original color for something new.



60.5711, 47.6638, 49.7242



57.4296, 42.2087, 42.5658



59.5829, 70.7299, 103.4405



18.2072, 18.0662, 19.7082



22.1404, 11.3455, 4.1241



2.1986, 1.1218, 0.6273



# Previews

## White Background



This preview shows how the XYZ color 60.5698, 47.6615, 49.7233 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

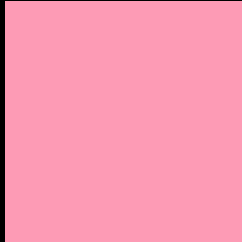
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.5698, 47.6615, 49.7233 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 60.5698, 47.6615, 49.7233**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.5698, 47.6615, 49.7233.



This preview shows how white text looks on a background with the XYZ color 60.5698, 47.6615,



# 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

60.5698, 47.6615, 49.7233

### Protanopia

46.5400, 47.9655, 59.6287

### Deuteranopia

48.7580, 47.8525, 48.2616



## Tritanopia

59.3633, 47.6740, 43.6093

# Trichromacy



## Original Color

60.5698, 47.6615, 49.7233



## Protanomaly

50.3600, 47.0586, 55.7192



## Deuteranomaly

52.5348, 47.4934, 48.5177



## Tritanomaly

59.5762, 47.4895, 45.5615

# Monochromacy



## Original Color

60.5698, 47.6615, 49.7233



## Achromatopsia

47.2335, 49.6933, 54.1160



## Achromatomaly

50.9509, 48.0116, 52.4807

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.5698, 47.6615, 49.7233 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(253, 155, 181)` looks like.

```
.text, #text, p{  
    color:rgb(253, 155, 181)  
}
```

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(253, 155, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 155, 181) }
```

## Border

The CSS property to change the border of an element to XYZ 60.5698, 47.6615, 49.7233 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(253, 155, 181) }
```



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

```
.border{ border-color:rgb(253, 155, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 155, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 155, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 155, 181);  
box-shadow:4px 4px 4px 4px rgb(253, 155,  
181) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.5698, 47.6615, 49.7233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 155, 181) }
```

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

```
.background{ background-color: rgb(253,  
155, 181) }
```

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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