

Converting Colors

XYZ(60.7883, 47.9803, 46.6009)

Have a look what the booklet for
XYZ(60.7883, 47.9803, 46.6009)
contains.

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Color

**XYZ(60.8663, 48.1321,
46.6399)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CAF
RGB	255, 156, 175
RGB Percent	100%, 61%, 69%
CMY	0.0000, 0.3882, 0.3137
CMYK	0.00, 0.39, 0.31, 0.00
HSL	348°, 100%, 81%
HSV	348°, 39%, 100%
XYZ	60.8663, 48.1321, 46.6399
YIQ	187.7670, 52.9050, 26.8970

Conversions

Conversions Part 2

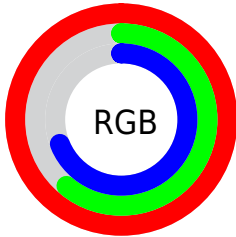
Format	Color
R _Y B	255, 156, 175
Decimal	16751791
CIE Lab	74.91, 39.13, 5.97
CIE LCh	75, 39.580, 8.682
Yxy	48.1321, 0.3911, 0.3093
Android (android.graphics.Color)	4294941871 (0xFFFF9CAF)
YUV	187.7670, -6.2941, 58.9633
Hunter-Lab	69.3773, 35.1919, 8.7055

Details

The XYZ color **60.8663, 48.1321, 46.6399** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.6128, 84.6451, 92.2939**, and the grayscale version is **47.6826, 50.1658, 54.6305**.

A 20% lighter version of the original color is **79.0664, 74.0601, 84.9907**, and **31.1903, 22.8663, 21.5086** is the 20% darker color. If you saturate the color by 10%, you get **55.1558, 39.7067, 35.5013**, and if you desaturate by 10%, it is **67.7864, 58.4820, 59.7065**.

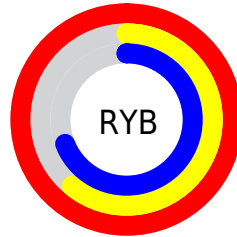
Distribution



Red (100%)

Green (61%)

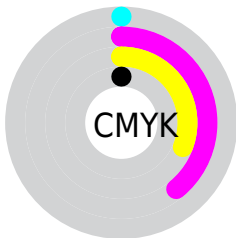
Blue (69%)



Red (100%)

Yellow (61%)

Blue (69%)

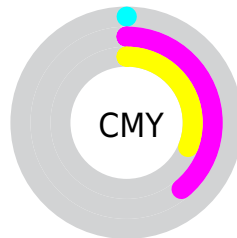


Cyan (0%)

Magenta (39%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8663, 48.1321, 46.6399 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 60.8663, 48.1321, 46.6399 by changing the saturation by 10% instead.


 60.8663, 48.1321,
46.6399


 60.8663, 48.1321,
46.6399


417.5674,
379.3155, 389.7274

 44.3694, 33.9315,
32.3988

 105.1845, 87.4011,
86.5202

 31.1602, 22.8410,
21.3989


 133.7366,
113.2382, 112.9965

 20.8733, 14.4761,
13.2218


167.0377,
143.7230, 144.3882

 13.1433, 8.4526,
7.4490


205.4533,
179.2399, 181.1139

 7.6050, 4.3859,
3.6618

249.3487,
220.1731, 223.5921

 3.8929, 1.8917,
1.4417

299.0893,

 1.6417, 0.5434,

266.9072, 272.2414

0.1739

355.0404,
319.8266, 327.4803

■ 0.4194, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8663, 48.1321,
46.6399

■ 60.8663, 48.1321,
46.6399

■ 55.1558, 39.7067,
35.5013

■ 67.7864, 58.4820,
59.7065

■ 50.5805, 33.0798,
26.1955

■ 75.9771, 70.8580,
74.7845

■ 47.0634, 28.1217,
18.6233

■ 85.4997, 85.3631,
91.9555

■ 44.5164, 24.6817,
12.6747

95.0500, 100.0000,
108.9000

■ 42.8359, 22.5822,
8.2260

■ 41.8781, 21.5675,
5.1292

■ 41.7929, 21.4811,
4.8413

Harmonies

Analogous

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



59.9160, 48.1321, 68.2068



60.8663, 48.1321, 46.6399



57.4457, 48.1321, 31.3037

Triad

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



60.8663, 48.1321, 46.6399



37.6192, 48.1321, 27.1228



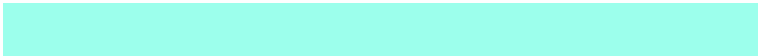
40.8911, 48.1321, 98.7773

Complementary

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



60.8663, 48.1321, 46.6399



64.6128, 84.6451, 92.2939

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.



35.7571, 48.1321, 81.3445



60.8663, 48.1321, 46.6399



34.0107, 48.1321, 39.2586

Square

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



60.8663, 48.1321, 46.6399



43.6872, 48.1321, 22.1421



33.3667, 48.1321, 58.6324



47.8729, 48.1321, 102.2684

Rectangle

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



60.8663, 48.1321, 46.6399



53.3389, 48.1321, 25.2806



33.3667, 48.1321, 58.6324



38.9140, 48.1321, 94.1692

Sweetspot

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



60.8676, 48.1344, 46.6408



82.3244, 80.5150, 86.2649



64.2671, 48.6957, 100.6197



17.3502, 16.8209, 17.9772



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.



60.8676, 48.1344, 46.6408



56.1091, 41.1035, 37.3903



64.7381, 58.6541, 39.3649



18.1518, 18.0440, 19.4164



21.8780, 11.2405, 2.7419



2.1659, 1.1087, 0.4552

Inverse Universe

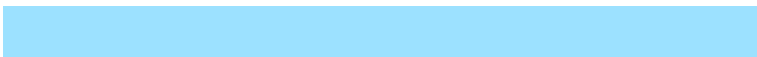
The Inverse Universe completely reimagines the original color for something new.



60.8676, 48.1344, 46.6408



56.1091, 41.1035, 37.3903



58.7686, 68.3025, 104.6940



18.1518, 18.0440, 19.4164



21.8780, 11.2405, 2.7419



2.1659, 1.1087, 0.4552

Previews

White Background



This preview shows how the XYZ color 60.8663, 48.1321, 46.6399 looks on a white background.

Color Contrast Check

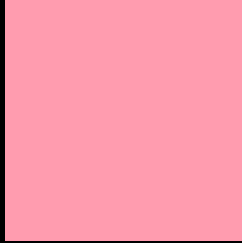
Large Text (above 18pt) WCAG AA × Fail

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 60.8663, 48.1321, 46.6399 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 60.8663, 48.1321, 46.6399

Background



This preview shows how black text looks on a background with the XYZ color 60.8663, 48.1321, 46.6399.



This preview shows how white text looks on a background with the XYZ color 60.8663, 48.1321,

46.6399.

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

60.8663, 48.1321, 46.6399

Protanopia

46.7942, 48.4817, 56.1818

Deuteranopia

49.2835, 48.1910, 45.2323



Tritanopia

60.0915, 48.0493, 43.6434

Trichromacy



Original Color

60.8663, 48.1321, 46.6399



Protanomaly

50.7570, 47.6238, 52.4161



Deuteranomaly

52.8725, 47.7356, 45.4569



Tritanomaly

60.2807, 48.1250, 44.6400

Monochromacy



Original Color

60.8663, 48.1321, 46.6399



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.2240, 48.4666, 51.4549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8663, 48.1321, 46.6399 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(255, 156, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 175)  
}
```

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(255, 156, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 175) }
```

Border

The CSS property to change the border of an element to XYZ 60.8663, 48.1321, 46.6399 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(255, 156, 175) }
```


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

```
.border{ border-color:rgb(255, 156, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8663, 48.1321, 46.6399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 175) }
```

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

```
.background{ background-color: rgb(255,  
156, 175) }
```

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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