

Converting Colors

XYZ(60.6421, 48.2781, 46.7853)

Have a look what the booklet for
XYZ(60.6421, 48.2781, 46.7853)
contains.

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Color

**XYZ(60.6679, 48.2799,
46.6788)**

Conversions

Conversions Part 1

Format	Color
Hex	FE9DAF
RGB	254, 157, 175
RGB Percent	100%, 62%, 69%
CMY	0.0039, 0.3843, 0.3137
CMYK	0.00, 0.38, 0.31, 0.00
HSL	349°, 98%, 81%
HSV	349°, 38%, 100%
XYZ	60.6679, 48.2799, 46.6788
YIQ	188.0550, 52.0340, 26.1620

Conversions

Conversions Part 2

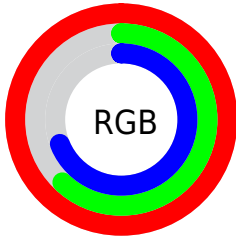
Format	Color
R_{YB}	254, 157, 175
Decimal	16686511
CIE _{Lab}	75.00, 38.26, 6.09
CIE _{LCh}	75, 38.740, 9.049
Yxy	48.2799, 0.3898, 0.3102
Android (android.graphics.Color)	4294876591 (0xFFFE9DAF)
YUV	188.0550, -6.4361, 57.8338
Hunter-Lab	69.4837, 34.2560, 8.8079

Details

The XYZ color **60.6679, 48.2799, 46.6788** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.4890, 84.1091, 92.1971**, and the grayscale version is **47.8471, 50.3389, 54.8191**.

A 20% lighter version of the original color is **79.3172, 74.5617, 85.0743**, and **31.0311, 22.9328, 21.5298** is the 20% darker color. If you saturate the color by 10%, you get **54.9300, 39.8105, 35.4979**, and if you desaturate by 10%, it is **67.6129, 58.6649, 59.7989**.

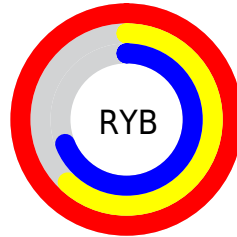
Distribution



Red (100%)

Green (62%)

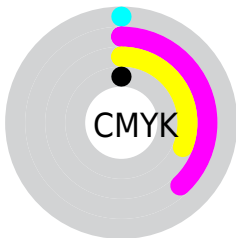
Blue (69%)



Red (100%)

Yellow (62%)

Blue (69%)

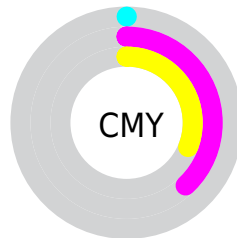


Cyan (0%)

Magenta (38%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6679, 48.2799, 46.6788 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 60.6679, 48.2799, 46.6788 by changing the saturation by 10% instead.


 60.6679, 48.2799,
46.6788


 60.6679, 48.2799,
46.6788


416.8507,
379.9005, 389.8875

 44.2087, 34.0486,
32.4293

 104.8988, 87.6210,
86.5789

 31.0332, 22.9309,
21.4221


 133.4012,
113.4996, 113.0666

 20.7761, 14.5425,
13.2386


166.6487,
144.0294, 144.4708

 13.0720, 8.4990,
7.4604

205.0067,
179.5948, 181.2099

 7.5555, 4.4158,
3.6689

248.8406,
220.5802, 223.7027

 3.8612, 1.9088,
1.4455

298.5156,

 1.6239, 0.5537,

267.3701, 272.3675

0.1768

354.3972,
320.3487, 327.6229

■ 0.4079, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6679, 48.2799,
46.6788

■ 60.6679, 48.2799,
46.6788

■ 54.9300, 39.8105,
35.4979

■ 67.6129, 58.6649,
59.7989

■ 50.3255, 33.1324,
26.1603

■ 75.8253, 71.0658,
74.9419

■ 46.7784, 28.1179,
18.5662

■ 85.3661, 85.5840,
92.1901

■ 44.2015, 24.6191,
12.6049

94.6832, 99.8109,
108.8828

■ 42.4931, 22.4619,
8.1522

■ 41.5179, 21.4088,
5.0615

■ 41.3887, 21.2771,
4.6278

Harmonies

Analogous

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



59.7932, 48.2799, 67.7571



60.6679, 48.2799, 46.6788



57.2781, 48.2799, 31.6554

Triad

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



60.6679, 48.2799, 46.6788



37.8449, 48.2799, 27.7564



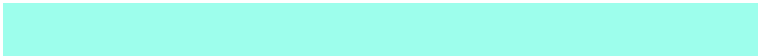
41.1967, 48.2799, 97.9629

Complementary

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



60.6679, 48.2799, 46.6788



64.4890, 84.1091, 92.1971

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.



36.1188, 48.2799, 81.1135



60.6679, 48.2799, 46.6788



34.3262, 48.2799, 39.8385

Square

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



60.6679, 48.2799, 46.6788



43.7831, 48.2799, 22.7287



33.7285, 48.2799, 58.9341



48.0605, 48.2799, 101.1615

Rectangle

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



60.6679, 48.2799, 46.6788



53.2424, 48.2799, 25.7463



33.7285, 48.2799, 58.9341



39.2452, 48.2799, 93.5336

Sweetspot

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



60.6692, 48.2822, 46.6797



83.2828, 82.0058, 87.8978



64.0771, 48.8664, 99.8211



17.5406, 17.1179, 18.2992



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.



60.6692, 48.2822, 46.6797



56.5837, 41.8703, 38.1108



64.5405, 58.6674, 39.8235



18.1470, 18.0421, 19.3912



21.8594, 11.2330, 2.6439



2.1634, 1.1077, 0.4421

Inverse Universe

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



60.6692, 48.2822, 46.6797



56.5837, 41.8703, 38.1108



58.6941, 68.1221, 103.8216



18.1470, 18.0421, 19.3912



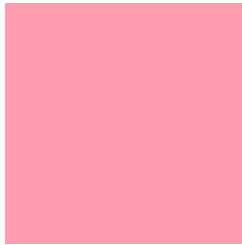
21.8594, 11.2330, 2.6439



2.1634, 1.1077, 0.4421

Previews

White Background



This preview shows how the XYZ color 60.6679, 48.2799, 46.6788 looks on a white background.

Color Contrast Check

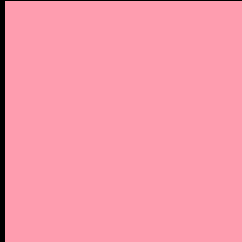
Large Text (above 18pt) WCAG AA × Fail

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 60.6679, 48.2799, 46.6788 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 60.6679, 48.2799, 46.6788

Background



This preview shows how black text looks on a background with the XYZ color 60.6679, 48.2799, 46.6788.



This preview shows how white text looks on a background with the XYZ color 60.6679, 48.2799,

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

60.6679, 48.2799, 46.6788

Protanopia

46.9283, 48.5635, 55.6155

Deuteranopia

49.4832, 48.5904, 45.2989



Tritanopia

59.9906, 48.2386, 44.1794

Trichromacy



Original Color

60.6679, 48.2799, 46.6788



Protanomaly

50.7570, 47.6238, 52.4161



Deuteranomaly

53.0606, 48.1119, 45.5197



Tritanomaly

60.1813, 48.3149, 45.1835

Monochromacy



Original Color

60.6679, 48.2799, 46.6788



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.4208, 48.8602, 51.5205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6679, 48.2799, 46.6788 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(254, 157, 175)` looks like.

```
.text, #text, p{  
    color:rgb(254, 157, 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(254, 157, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 157, 175) }
```

Border

The CSS property to change the border of an element to XYZ 60.6679, 48.2799, 46.6788 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(254, 157, 175) }
```


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

```
.border{ border-color:rgb(254, 157, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 157, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 157, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 157, 175);  
box-shadow:4px 4px 4px 4px rgb(254, 157,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6679, 48.2799, 46.6788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 157, 175) }
```

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

```
.background{ background-color: rgb(254,  
157, 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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