

Converting Colors

XYZ(69.1649, 53.0238, 47.7509)

Have a look what the booklet for
XYZ(69.1649, 53.0238, 47.7509)
contains.

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Color

**XYZ(61.3033, 48.8483,
47.2719)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EB0
RGB	255, 158, 176
RGB Percent	100%, 62%, 69%
CMY	0.0000, 0.3804, 0.3098
CMYK	0.00, 0.38, 0.31, 0.00
HSL	349°, 100%, 81%
HSV	349°, 38%, 100%
XYZ	61.3033, 48.8483, 47.2719
YIQ	189.0550, 52.0340, 26.1620

Conversions

Conversions Part 2

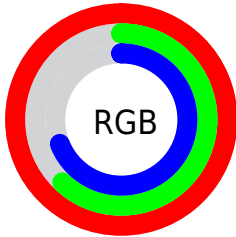
Format	Color
R_{YB}	255, 158, 176
Decimal	16752304
CIE _{Lab}	75.36, 38.22, 6.07
CIE _{LCh}	75, 38.701, 9.025
Yxy	48.8483, 0.3894, 0.3103
Android (android.graphics.Color)	4294942384 (0xFFFF9EB0)
YUV	189.0550, -6.4361, 57.8338
Hunter-Lab	69.8916, 34.2557, 8.8227

Details

The XYZ color **61.3033, 48.8483, 47.2719** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.1488, 84.9045, 93.0796**, and the grayscale version is **48.4173, 50.9387, 55.4723**.

A 20% lighter version of the original color is **79.8521, 75.1793, 86.6463**, and **31.4546, 23.2941, 21.9072** is the 20% darker color. If you saturate the color by 10%, you get **55.4960, 40.2747, 35.9614**, and if you desaturate by 10%, it is **68.3299, 59.3571, 60.5411**.

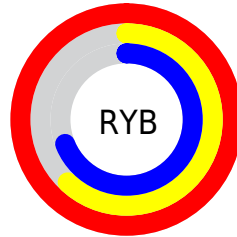
Distribution



Red (100%)

Green (62%)

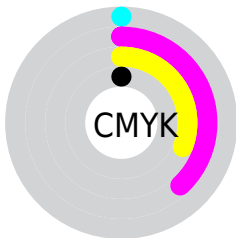
Blue (69%)



Red (100%)

Yellow (62%)

Blue (69%)

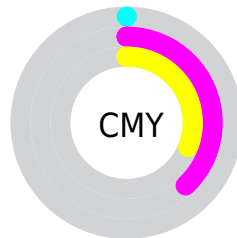


Cyan (0%)

Magenta (38%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3033, 48.8483, 47.2719 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 61.3033, 48.8483, 47.2719 by changing the saturation by 10% instead.


 61.3033, 48.8483,
47.2719


 61.3033, 48.8483,
47.2719


419.1434,
382.1448, 392.3239

 44.7235, 34.4992,
32.8948

 105.8136, 88.4661,
87.4736

 31.4400, 23.2773,
21.7754


 134.4748,
114.5036, 114.1352

 21.0876, 14.7984,
13.4952


167.8937,
145.2059, 145.7287

 13.3009, 8.6780,
7.6357

206.4359,
180.9575, 182.6727

 7.7145, 4.5318,
3.7783

250.4666,
222.1428, 225.3857

 3.9631, 1.9753,
1.5045

300.3512,

 1.6813, 0.5930,

269.1462, 274.2862

0.2213

356.4550,
322.3521, 329.7928

■ 0.4445, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3033, 48.8483,
47.2719

■ 61.3033, 48.8483,
47.2719

■ 55.4960, 40.2747,
35.9614

■ 68.3299, 59.3571,
60.5411

■ 50.8338, 33.5110,
26.5128

■ 76.6368, 71.9021,
75.8534

■ 47.2401, 28.4284,
18.8256

■ 86.2853, 86.5858,
93.2919

■ 44.6269, 24.8780,
12.7882

95.0500, 100.0000,
108.9000

■ 42.8920, 22.6843,
8.2753

■ 41.9004, 21.6111,
5.1397

■ 41.7593, 21.4677,
4.6647

Harmonies

Analogous

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



60.4198, 48.8483, 68.4921



61.3033, 48.8483, 47.2719



57.8963, 48.8483, 32.1242

Triad

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



61.3033, 48.8483, 47.2719



38.3318, 48.8483, 28.1740



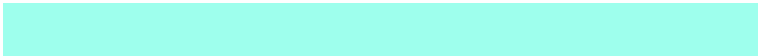
41.6989, 48.8483, 98.8349

Complementary

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



61.3033, 48.8483, 47.2719



65.1488, 84.9045, 93.0796

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.



36.5854, 48.8483, 81.8888



61.3033, 48.8483, 47.2719



34.7839, 48.8483, 40.3516

Square

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



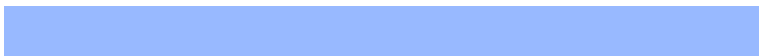
61.3033, 48.8483, 47.2719



44.3145, 48.8483, 23.1037



34.1789, 48.8483, 59.5771



48.6094, 48.8483, 102.0626

Rectangle

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



61.3033, 48.8483, 47.2719



53.8366, 48.8483, 26.1577



34.1789, 48.8483, 59.5771



39.7338, 48.8483, 94.3795

Sweetspot

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



61.3046, 48.8506, 47.2729



83.2828, 82.0058, 87.8978



64.7379, 49.4407, 100.7387



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.



61.3046, 48.8506, 47.2729



56.5836, 41.8703, 38.1108



65.2047, 59.3140, 40.3629



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.



61.3046, 48.8506, 47.2729



56.5836, 41.8703, 38.1108



59.3216, 68.8292, 104.7665



18.1470, 18.0421, 19.3912



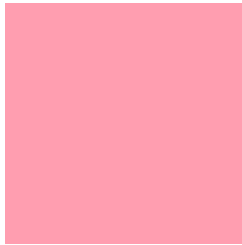
21.8594, 11.2330, 2.6439



2.1634, 1.1077, 0.4421

Previews

White Background



This preview shows how the XYZ color 61.3033, 48.8483, 47.2719 looks on a white background.

Color Contrast Check

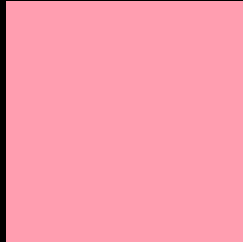
Large Text (above 18pt) WCAG AA × Fail

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 61.3033, 48.8483, 47.2719 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 61.3033, 48.8483, 47.2719

Background



This preview shows how black text looks on a background with the XYZ color 61.3033, 48.8483, 47.2719.



This preview shows how white text looks on a background with the XYZ color 61.3033, 48.8483,

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

61.3033, 48.8483, 47.2719

Protanopia

47.4920, 49.1509, 56.2742

Deuteranopia

50.0621, 49.1764, 45.8832



Tritanopia

60.6219, 48.8074, 44.7537

Trichromacy



Original Color

61.3033, 48.8483, 47.2719



Protanomaly

51.3443, 48.2022, 53.0522



Deuteranomaly

53.6594, 48.6909, 46.1053



Tritanomaly

60.8140, 48.8842, 45.7655

Monochromacy



Original Color

61.3033, 48.8483, 47.2719



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.0127, 49.4476, 52.1504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3033, 48.8483, 47.2719 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, 158, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 176)  
}
```

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, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 176) }
```

Border

The CSS property to change the border of an element to XYZ 61.3033, 48.8483, 47.2719 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, 158, 176) }
```


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

```
.border{ border-color:rgb(255, 158, 176) }
```

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

Here you see how a box with a 4 pixel rgb(255, 158, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3033, 48.8483, 47.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 176) }
```

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

```
.background{ background-color: rgb(255,  
158, 176) }
```

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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