

Converting Colors

XYZ(61.9242, 47.9426, 62.9048)

Have a look what the booklet for
XYZ(61.9242, 47.9426, 62.9048)
contains.

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Color

**XYZ(61.8790, 47.7948,
63.0907)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9ACC
RGB	250, 154, 204
RGB Percent	98%, 60%, 80%
CMY	0.0196, 0.3961, 0.2000
CMYK	0.00, 0.38, 0.18, 0.02
HSL	329°, 91%, 79%
HSV	329°, 38%, 98%
XYZ	61.8790, 47.7948, 63.0907
YIQ	188.4040, 41.1660, 35.9020

Conversions

Conversions Part 2

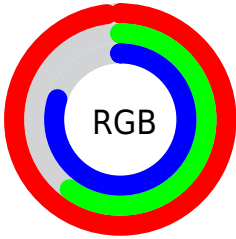
Format	Color
R _Y B	250, 154, 204
Decimal	16423628
CIE Lab	74.70, 42.42, -10.37
CIE LCh	75, 43.669, 346.269
Yxy	47.7948, 0.3582, 0.2766
Android (android.graphics.Color)	4294613708 (0xFFFA9ACC)
YUV	188.4040, 7.6888, 54.0197
Hunter-Lab	69.1338, 38.7844, -5.7137

Details

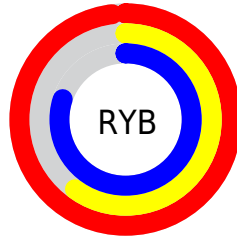
The XYZ color **61.8790, 47.7948, 63.0907** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.9394, 79.4127, 66.9216**, and the grayscale version is **47.9721, 50.4704, 54.9623**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **31.8969, 22.7158, 31.5576** is the 20% darker color. If you saturate the color by 10%, you get **56.7924, 39.8330, 54.5767**, and if you desaturate by 10%, it is **67.9381, 57.5237, 72.4752**.

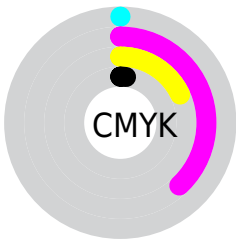
Distribution



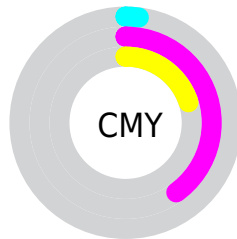
- Red (98%)
- Green (60%)
- Blue (80%)



- Red (98%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8790, 47.7948, 63.0907 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 61.8790, 47.7948, 63.0907 by changing the saturation by 10% instead.

61.8790, 47.7948,
63.0907

61.8790, 47.7948,
63.0907

421.2142,
377.9782, 454.0156

45.1902, 33.6644,
45.4731

106.6416, 86.8988,
110.8872

31.8092, 22.6359,
31.4846

135.4460,
112.6412, 141.9032

21.3706, 14.3249,
20.7066

169.0197,
143.0231, 178.2224

13.5092, 8.3470,
12.7205

207.7279,
178.4288, 220.2634

7.8595, 4.3178,
7.1079

251.9362,
219.2428, 268.4446

4.0562, 1.8529,
3.4502

302.0097,

1.7340, 0.5198,

265.8494, 323.1847

1.3289

358.3139,
318.6331, 384.9022

■ 0.4774, 0.0000,
0.0853

■ 0.0000, 0.0000,
0.0000

■ 61.8790, 47.7948,
63.0907

■ 61.8790, 47.7948,
63.0907

■ 56.7924, 39.8330,
54.5767

■ 67.9381, 57.5237,
72.4752

■ 52.6179, 33.5229,
46.8994

■ 75.0171, 69.1121,
82.7563

■ 49.2946, 28.7464,
40.0264

■ 83.1650, 82.6540,
93.9622

■ 46.7517, 25.3661,
33.9209

■ 92.4265, 98.2351,
106.1190

■ 44.9059, 23.2199,
28.5415

■ 93.2346, 99.0641,
108.8150

■ 43.6413, 22.0804,
23.8354

■ 43.4675, 21.9413,
23.1346

Harmonies

Analogous

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



57.3399, 47.7948, 88.3726



61.8790, 47.7948, 63.0907



61.6648, 47.7948, 40.7569

Triad

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



61.8790, 47.7948, 63.0907



41.2947, 47.7948, 20.4043



35.6955, 47.7948, 90.3303

Complementary

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



61.8790, 47.7948, 63.0907



57.9394, 79.4127, 66.9216

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.



32.3245, 47.7948, 65.2351



61.8790, 47.7948, 63.0907



35.2910, 47.7948, 27.3451

Square

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



61.8790, 47.7948, 63.0907



49.1378, 47.7948, 20.1378



32.1856, 47.7948, 42.3622



41.9089, 47.7948, 106.9230

Rectangle

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



61.8790, 47.7948, 63.0907



58.8403, 47.7948, 30.2744



32.1856, 47.7948, 42.3622



34.2257, 47.7948, 82.3286

Sweetspot

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



61.8804, 47.7970, 63.0917



83.7816, 81.0979, 93.9383



52.3132, 42.1307, 95.8178



17.6919, 16.9576, 19.7766



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.



61.8804, 47.7970, 63.0917



60.5700, 43.4648, 59.1028



57.0846, 45.8787, 37.8374



17.6222, 17.3762, 19.8661



23.1296, 11.6676, 12.6569



2.1958, 1.1021, 1.4545

Inverse Universe

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



61.8804, 47.7970, 63.0917



60.5700, 43.4648, 59.1028



64.2712, 81.9454, 100.2642



17.6222, 17.3762, 19.8661



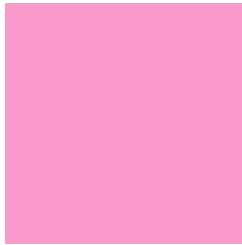
23.1296, 11.6676, 12.6569



2.1958, 1.1021, 1.4545

Previews

White Background



This preview shows how the XYZ color 61.8790, 47.7948, 63.0907 looks on a white background.

Color Contrast Check

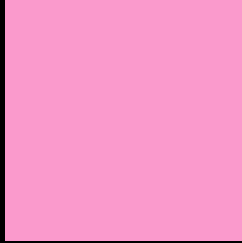
Large Text (above 18pt) WCAG AA × Fail

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 61.8790, 47.7948, 63.0907 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 61.8790, 47.7948, 63.0907

Background



This preview shows how black text looks on a background with the XYZ color 61.8790, 47.7948, 63.0907.



This preview shows how white text looks on a background with the XYZ color 61.8790, 47.7948,

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

61.8790, 47.7948, 63.0907

Protanopia

47.9320, 48.3086, 76.6103

Deuteranopia

49.0511, 48.0124, 61.3256



Tritanopia

58.3750, 47.8943, 45.1976

Trichromacy



Original Color

61.8790, 47.7948, 63.0907



Protanomaly

51.5043, 47.0195, 71.3268



Deuteranomaly

52.9417, 47.4136, 61.6197



Tritanomaly

59.5900, 47.8709, 51.4467

Monochromacy



Original Color

61.8790, 47.7948, 63.0907



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

52.1269, 48.7946, 57.7098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8790, 47.7948, 63.0907 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(250, 154, 204)` looks like.

```
.text, #text, p{  
    color:rgb(250, 154, 204)  
}
```

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(250, 154, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 154, 204) }
```

Border

The CSS property to change the border of an element to XYZ 61.8790, 47.7948, 63.0907 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(250, 154, 204) }
```


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

```
.border{ border-color:rgb(250, 154, 204) }
```

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

Here you see how a box with a 4 pixel rgb(250, 154, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 154, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 154, 204);  
box-shadow:4px 4px 4px 4px rgb(250, 154,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8790, 47.7948, 63.0907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 154, 204) }
```

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

```
.background{ background-color: rgb(250,  
154, 204) }
```

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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