

Converting Colors

XYZ(61.0888, 46.9535, 57.2583)

Have a look what the booklet for
XYZ(61.0888, 46.9535, 57.2583)
contains.

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Color

**XYZ(61.2234, 47.0921,
57.4926)**

Conversions

Conversions Part 1

Format	Color
Hex	FC98C3
RGB	252, 152, 195
RGB Percent	99%, 60%, 76%
CMY	0.0118, 0.4039, 0.2353
CMYK	0.00, 0.40, 0.23, 0.01
HSL	334°, 94%, 79%
HSV	334°, 40%, 99%
XYZ	61.2234, 47.0921, 57.4926
YIQ	186.8020, 45.7970, 34.5730

Conversions

Conversions Part 2

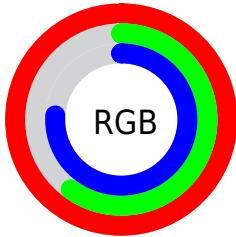
Format	Color
R _Y B	252, 152, 195
Decimal	16554179
CIE Lab	74.25, 42.81, -6.05
CIE LCh	74, 43.236, 351.955
Yxy	47.0921, 0.3692, 0.2840
Android (android.graphics.Color)	4294744259 (0xFFFC98C3)
YUV	186.8020, 4.0416, 57.1786
Hunter-Lab	68.6237, 39.1594, -1.6363

Details

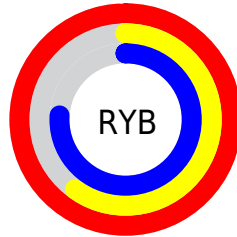
The XYZ color **61.2234, 47.0921, 57.4926** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.2700, 80.9008, 72.8171**, and the grayscale version is **47.0837, 49.5357, 53.9444**.

A 20% lighter version of the original color is **81.3666, 73.4000, 101.9746**, and **31.2619, 22.1842, 27.8336** is the 20% darker color. If you saturate the color by 10%, you get **56.0126, 39.1456, 48.1243**, and if you desaturate by 10%, it is **67.4620, 56.8431, 67.9755**.

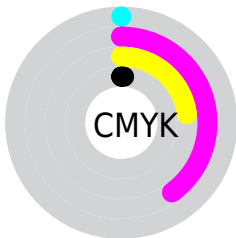
Distribution



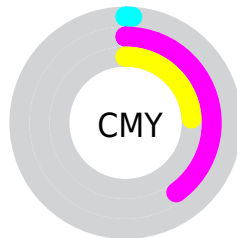
- Red (99%)
- Green (60%)
- Blue (76%)



- Red (99%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (1%)





- Cyan (1%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2234, 47.0921, 57.4926 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 61.2234, 47.0921, 57.4926 by changing the saturation by 10% instead.


 61.2234, 47.0921,
57.4926


 61.2234, 47.0921,
57.4926


418.8555,
375.1820, 432.8379

 44.6587, 33.1085,
40.9889


 105.6986, 85.8511,
102.6911

 31.3888, 22.2096,
27.9908


 134.3399,
111.3952, 132.2229

 21.0484, 14.0110,
18.0797


167.7373,
141.5617, 166.9345

 13.2720, 8.1283,
10.8372

206.2564,
176.7348, 207.2444

 7.6944, 4.1771,
5.8447

250.2623,
217.2990, 253.5711

 3.9502, 1.7731,
2.6836

300.1206,

 1.6740, 0.4704,

263.6387, 306.3333

0.9352

356.1965,
316.1382, 365.9494

■ 0.4399, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2234, 47.0921,
57.4926

■ 61.2234, 47.0921,
57.4926

■ 56.0126, 39.1456,
48.1243

■ 67.4620, 56.8431,
67.9755

■ 51.7657, 32.8843,
39.8260

■ 74.7791, 68.4949,
79.6091

■ 48.4174, 28.1845,
32.5539

■ 83.2270, 82.1449,
92.4314

■ 45.8922, 24.9030,
26.2592

■ 92.8530, 97.8817,
106.4773

■ 44.1008, 22.8691,
20.8868

93.9550, 99.4355,
108.8488

■ 42.9040, 21.8131,
16.3641

■ 42.8706, 21.7857,
16.2314

Harmonies

Analogous

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



57.5721, 47.0921, 82.3851



61.2234, 47.0921, 57.4926



60.0778, 47.0921, 36.8971

Triad

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



61.2234, 47.0921, 57.4926



39.4082, 47.0921, 20.9711



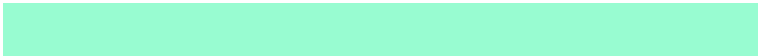
36.1776, 47.0921, 92.8401

Complementary

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



61.2234, 47.0921, 57.4926



59.2700, 80.9008, 72.8171

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.



32.2953, 47.0921, 68.9740



61.2234, 47.0921, 57.4926



34.0048, 47.0921, 29.1871

Square

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



61.2234, 47.0921, 57.4926



46.8809, 47.0921, 19.5292



31.5485, 47.0921, 45.5232



42.7033, 47.0921, 106.3099

Rectangle

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



61.2234, 47.0921, 57.4926



56.8013, 47.0921, 27.6791



31.5485, 47.0921, 45.5232



34.5528, 47.0921, 85.4884

Sweetspot

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



61.2248, 47.0943, 57.4935



83.3709, 80.9336, 91.7758



55.0012, 42.9942, 97.4955



17.5953, 16.9190, 19.2683



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.



61.2248, 47.0943, 57.4935



58.3539, 41.4382, 50.9482



58.1550, 47.6467, 35.8403



17.5544, 17.3491, 19.5093



22.4022, 11.3766, 8.8264



2.1268, 1.0745, 1.0911

Inverse Universe

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



61.2248, 47.0943, 57.4935



58.3539, 41.4382, 50.9482



63.2745, 79.2115, 104.0501



17.5544, 17.3491, 19.5093



22.4022, 11.3766, 8.8264



2.1268, 1.0745, 1.0911

Previews

White Background



This preview shows how the XYZ color 61.2234, 47.0921, 57.4926 looks on a white background.

Color Contrast Check

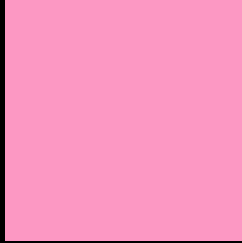
Large Text (above 18pt) WCAG AA × Fail

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 61.2234, 47.0921, 57.4926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

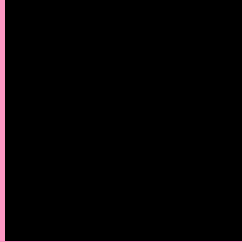
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2234, 47.0921, 57.4926

Background



This preview shows how black text looks on a background with the XYZ color 61.2234, 47.0921, 57.4926.



This preview shows how white text looks on a background with the XYZ color 61.2234, 47.0921,

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

61.2234, 47.0921, 57.4926

Protanopia

46.9970, 47.6580, 70.3402

Deuteranopia

48.1521, 47.0762, 55.8389



Tritanopia

58.2853, 47.1183, 43.5589

Trichromacy



Original Color

61.2234, 47.0921, 57.4926



Protanomaly

50.7272, 46.4682, 65.3271



Deuteranomaly

52.1323, 46.5627, 56.1090



Tritanomaly

59.1816, 46.9810, 48.0685

Monochromacy



Original Color

61.2234, 47.0921, 57.4926



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

51.2943, 47.8387, 55.2455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2234, 47.0921, 57.4926 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(252, 152, 195)` looks like.

```
.text, #text, p{  
    color:rgb(252, 152, 195)  
}
```

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(252, 152, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 152, 195) }
```

Border

The CSS property to change the border of an element to XYZ 61.2234, 47.0921, 57.4926 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(252, 152, 195) }
```


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

```
.border{ border-color:rgb(252, 152, 195) }
```

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

Here you see how a box with a 4 pixel rgb(252, 152, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 152, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 152, 195);  
box-shadow:4px 4px 4px 4px rgb(252, 152,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2234, 47.0921, 57.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 152, 195) }
```

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

```
.background{ background-color: rgb(252,  
152, 195) }
```

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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