

Converting Colors

XYZ(61.6076, 47.3063, 57.4127)

Have a look what the booklet for
XYZ(61.6076, 47.3063, 57.4127)
contains.

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Color

**XYZ(61.5866, 47.2793,
57.5096)**

Conversions

Conversions Part 1

Format	Color
Hex	FD98C3
RGB	253, 152, 195
RGB Percent	99%, 60%, 76%
CMY	0.0078, 0.4039, 0.2353
CMYK	0.00, 0.40, 0.23, 0.01
HSL	334°, 96%, 79%
HSV	334°, 40%, 99%
XYZ	61.5866, 47.2793, 57.5096
YIQ	187.1010, 46.3930, 34.7850

Conversions

Conversions Part 2

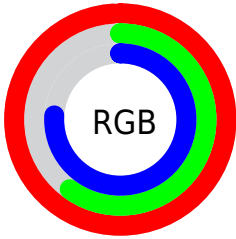
Format	Color
R _Y B	253, 152, 195
Decimal	16619715
CIE Lab	74.37, 43.15, -5.86
CIE LCh	74, 43.545, 352.265
Yxy	47.2793, 0.3702, 0.2842
Android (android.graphics.Color)	4294809795 (0xFFFD98C3)
YUV	187.1010, 3.8942, 57.7934
Hunter-Lab	68.7599, 39.5482, -1.4571

Details

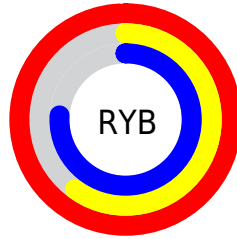
The XYZ color **61.5866, 47.2793, 57.5096** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.7092, 81.5804, 73.5764**, and the grayscale version is **47.2528, 49.7136, 54.1381**.

A 20% lighter version of the original color is **81.3666, 73.4000, 101.9746**, and **31.5177, 22.3161, 27.8456** is the 20% darker color. If you saturate the color by 10%, you get **56.3461, 39.3004, 48.0482**, and if you desaturate by 10%, it is **67.8654, 57.0781, 68.1068**.

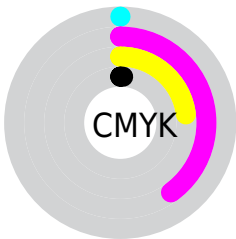
Distribution



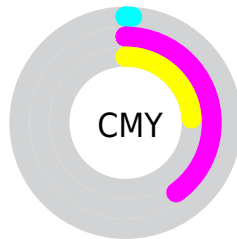
- Red (99%)
- Green (60%)
- Blue (76%)



- 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 61.5866, 47.2793, 57.5096 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 61.5866, 47.2793, 57.5096 by changing the saturation by 10% instead.


 61.5866, 47.2793,
57.5096


 61.5866, 47.2793,
57.5096


420.1632,
375.9283, 432.9032

 44.9531, 33.2565,
41.0024

 106.2211, 86.1304,
102.7161

 31.6216, 22.3230,
28.0013


 134.9529,
111.7275, 132.2525

 21.2268, 14.0944,
18.0876

168.4481,
141.9514, 166.9691

 13.4033, 8.1864,
10.8428

207.0720,
177.1867, 207.2843

 7.7857, 4.2144,
5.8484

251.1902,
217.8176, 253.6168

 4.0088, 1.7942,
2.6858

301.1679,

 1.7071, 0.4836,

264.2285, 306.3851

0.9363

357.3704,
316.8040, 366.0077

■ 0.4607, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5866, 47.2793,
57.5096

■ 61.5866, 47.2793,
57.5096

■ 56.3461, 39.3004,
48.0482

■ 67.8654, 57.0781,
68.1068

■ 52.0791, 33.0203,
39.6771

■ 75.2341, 68.7942,
79.8770

■ 48.7195, 28.3141,
32.3514

■ 83.7454, 82.5261,
92.8590

■ 46.1905, 25.0363,
26.0209

■ 93.4474, 98.3634,
107.0888

■ 44.4015, 23.0138,
20.6292

94.3182, 99.6227,
108.8658

■ 43.2078, 21.9662,
16.1008

■ 43.1993, 21.9592,
16.0670

Harmonies

Analogous

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



57.9411, 47.2793, 82.6703



61.5866, 47.2793, 57.5096



60.3774, 47.2793, 36.7961

Triad

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



61.5866, 47.2793, 57.5096



39.4658, 47.2793, 20.9758



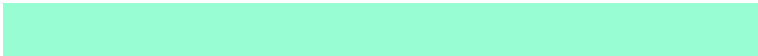
36.3307, 47.2793, 93.7139

Complementary

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



61.5866, 47.2793, 57.5096



59.7092, 81.5804, 73.5764

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.



32.3835, 47.2793, 69.6255



61.5866, 47.2793, 57.5096



34.0415, 47.2793, 29.3243

Square

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



61.5866, 47.2793, 57.5096



46.9966, 47.2793, 19.4610



31.5970, 47.2793, 45.8857



42.9395, 47.2793, 107.1857

Rectangle

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



61.5866, 47.2793, 57.5096



57.0387, 47.2793, 27.5648



31.5970, 47.2793, 45.8857



34.6818, 47.2793, 86.3063

Sweetspot

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



61.5880, 47.2816, 57.5105



83.3518, 80.9260, 91.6752



55.3205, 43.1404, 98.3401



17.5908, 16.9172, 19.2447



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.



61.5880, 47.2816, 57.5105



58.2989, 41.4162, 50.6584



58.5296, 47.8568, 35.8611



18.3303, 18.1154, 20.3565



23.0497, 11.7092, 8.9121



2.2976, 1.1614, 1.1484

Inverse Universe

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



61.5880, 47.2816, 57.5105



58.2989, 41.4162, 50.6584



63.7171, 79.8424, 104.9818



18.3303, 18.1154, 20.3565



23.0497, 11.7092, 8.9121



2.2976, 1.1614, 1.1484

Previews

White Background



This preview shows how the XYZ color 61.5866, 47.2793, 57.5096 looks on a white background.

Color Contrast Check

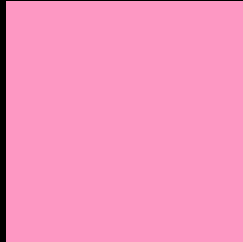
Large Text (above 18pt) WCAG AA × Fail

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 61.5866, 47.2793, 57.5096 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 61.5866, 47.2793, 57.5096

Background



This preview shows how black text looks on a background with the XYZ color 61.5866, 47.2793, 57.5096.



This preview shows how white text looks on a background with the XYZ color 61.5866, 47.2793,

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

61.5866, 47.2793, 57.5096

Protanopia

46.9970, 47.6580, 70.3402

Deuteranopia

48.5034, 47.5643, 55.3396



Tritanopia

58.6427, 47.3025, 43.5756

Trichromacy



Original Color

61.5866, 47.2793, 57.5096



Protanomaly

51.0022, 46.6099, 65.3400



Deuteranomaly

52.6158, 47.0871, 56.1847



Tritanomaly

59.5409, 47.1663, 48.0853

Monochromacy



Original Color

61.5866, 47.2793, 57.5096



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 61.5866, 47.2793, 57.5096 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(253, 152, 195)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 152, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 152, 195) }
```

Border

The CSS property to change the border of an element to XYZ 61.5866, 47.2793, 57.5096 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(253, 152, 195) }
```


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

```
.border{ border-color:rgb(253, 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(253, 152, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 152, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 152, 195);  
box-shadow:4px 4px 4px 4px rgb(253, 152,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5866, 47.2793, 57.5096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 152, 195) }
```

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

```
.background{ background-color: rgb(253,  
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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