

Converting Colors

XYZ(61.9157, 47.4366, 71.3282)

Have a look what the booklet for
XYZ(61.9157, 47.4366, 71.3282)
contains.

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Color

**XYZ(61.9217, 47.3850,
71.5282)**

Conversions

Conversions Part 1

Format	Color
Hex	F699D9
RGB	246, 153, 217
RGB Percent	96%, 60%, 85%
CMY	0.0353, 0.4000, 0.1490
CMYK	0.00, 0.38, 0.12, 0.04
HSL	319°, 84%, 78%
HSV	319°, 38%, 96%
XYZ	61.9217, 47.3850, 71.5282
YIQ	188.1030, 34.8840, 39.6200

Conversions

Conversions Part 2

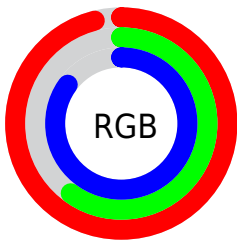
Format	Color
R _Y B	246, 153, 217
Decimal	16161241
CIE Lab	74.44, 43.64, -17.94
CIE LCh	74, 47.184, 337.656
Yxy	47.3850, 0.3424, 0.2620
Android (android.graphics.Color)	4294351321 (0xFFFF699D9)
YUV	188.1030, 14.2462, 50.7757
Hunter-Lab	68.8368, 40.1043, -13.4224

Details

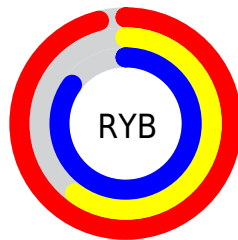
The XYZ color **61.9217, 47.3850, 71.5282** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.5382, 76.0628, 56.0664**, and the grayscale version is **47.7675, 50.2551, 54.7278**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **31.8178, 22.4143, 36.8318** is the 20% darker color. If you saturate the color by 10%, you get **57.3281, 39.7572, 65.1880**, and if you desaturate by 10%, it is **67.3945, 56.6956, 78.3913**.

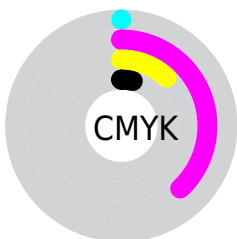
Distribution



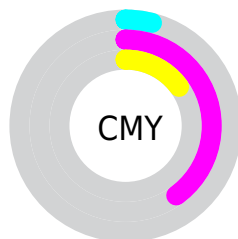
- Red (96%)
- Green (60%)
- Blue (85%)



- Red (96%)
- Yellow (60%)
- Blue (85%)



- Cyan (0%)
- Magenta (38%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (40%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9217, 47.3850, 71.5282 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 61.9217, 47.3850, 71.5282 by changing the saturation by 10% instead.


 61.9217, 47.3850,
71.5282


 61.9217, 47.3850,
71.5282


421.3675,
376.3492, 484.8311

 45.2248, 33.3401,
52.2889

 106.7029, 86.2880,
123.0870

 31.8366, 22.3871,
36.8516


 135.5180,
111.9150, 156.2435

 21.3916, 14.1416,
24.7977


169.1031,
142.1713, 194.8763

 13.5247, 8.2192,
15.7087

207.8237,
177.4416, 239.4037

 7.8703, 4.2356,
9.1662

252.0450,
218.1101, 290.2443

 4.0632, 1.8062,
4.7514

302.1326,

 1.7379, 0.4910,

264.5613, 347.8167

2.0460

358.4516,
317.1795, 412.5395

■ 0.4798, 0.0000,
0.5833

■ 0.0000, 0.0000,
0.0000

■ 61.9217, 47.3850,
71.5282

■ 61.9217, 47.3850,
71.5282

■ 57.3281, 39.7572,
65.1880

■ 67.3945, 56.6956,
78.3913

■ 53.5574, 33.7026,
59.3475

■ 73.7898, 67.7766,
85.7933

■ 50.5534, 29.1091,
53.9851

■ 81.1530, 80.7174,
93.7528

■ 48.2505, 25.8467,
49.0759

■ 89.5254, 95.5994,
102.2864

■ 46.5715, 23.7621,
44.5910

■ 91.8165, 98.3331,
108.7487

■ 45.4132, 22.6496,
40.4924

■ 45.1949, 22.4684,
39.6321

Harmonies

Analogous

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



55.7866, 47.3850, 98.2701



61.9217, 47.3850, 71.5282



63.2694, 47.3850, 45.6024

Triad

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



61.9217, 47.3850, 71.5282



42.8941, 47.3850, 17.7032



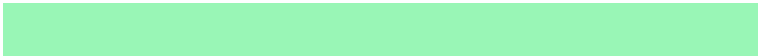
33.2911, 47.3850, 85.8251

Complementary

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



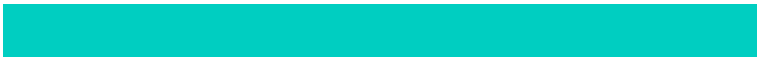
61.9217, 47.3850, 71.5282



54.5382, 76.0628, 56.0664

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.



30.6957, 47.3850, 58.0891



61.9217, 47.3850, 71.5282



35.7672, 47.3850, 22.6865

Square

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



61.9217, 47.3850, 71.5282



51.5462, 47.3850, 19.2661



31.5415, 47.3850, 35.7574



39.1021, 47.3850, 108.1734

Rectangle

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



61.9217, 47.3850, 71.5282



61.1331, 47.3850, 32.7641



31.5415, 47.3850, 35.7574



32.0493, 47.3850, 76.5317

Sweetspot

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



61.9231, 47.3872, 71.5292



85.3688, 82.8402, 98.8826



47.0605, 39.2504, 92.2855



18.0367, 17.3164, 20.9119



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.



61.9231, 47.3872, 71.5292



63.4692, 45.2151, 72.5489



56.8071, 45.3408, 44.5886



16.9808, 16.6752, 19.6454



24.1890, 12.0190, 21.5015



2.1721, 1.0748, 2.1327

Inverse Universe

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



61.9231, 47.3872, 71.5292



63.4692, 45.2151, 72.5489



60.0148, 78.2535, 84.9057



16.9808, 16.6752, 19.6454



24.1890, 12.0190, 21.5015



2.1721, 1.0748, 2.1327

Previews

White Background



This preview shows how the XYZ color 61.9217, 47.3850, 71.5282 looks on a white background.

Color Contrast Check

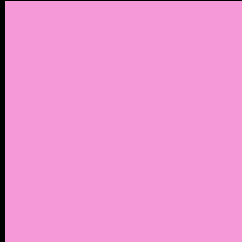
Large Text (above 18pt) WCAG AA × Fail

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 61.9217, 47.3850, 71.5282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

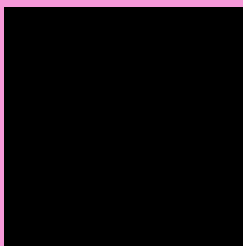
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9217, 47.3850, 71.5282

Background



This preview shows how black text looks on a background with the XYZ color 61.9217, 47.3850, 71.5282.



This preview shows how white text looks on a background with the XYZ color 61.9217, 47.3850,

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

61.9217, 47.3850, 71.5282

Protanopia

48.1721, 47.5972, 86.7690

Deuteranopia

48.7428, 47.6850, 68.9225



Tritanopia

56.6605, 47.2465, 46.1776

Trichromacy



Original Color

61.9217, 47.3850, 71.5282



Protanomaly

51.8718, 46.7093, 81.1448



Deuteranomaly

52.8068, 47.1598, 69.9379



Tritanomaly

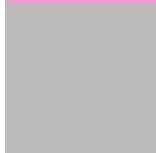
58.4833, 47.2261, 54.7483

Monochromacy



Original Color

61.9217, 47.3850, 71.5282



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

51.9333, 48.3388, 60.6260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9217, 47.3850, 71.5282 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(246, 153, 217)` looks like.

```
.text, #text, p{  
    color:rgb(246, 153, 217)  
}
```

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(246, 153, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 153, 217) }
```

Border

The CSS property to change the border of an element to XYZ 61.9217, 47.3850, 71.5282 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(246, 153, 217) }
```


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

```
.border{ border-color:rgb(246, 153, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 153, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 153, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 153, 217);  
box-shadow:4px 4px 4px 4px rgb(246, 153,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9217, 47.3850, 71.5282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 153, 217) }
```

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

```
.background{ background-color: rgb(246,  
153, 217) }
```

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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