

Converting Colors

XYZ(61.4980, 48.1337, 61.3078)

Have a look what the booklet for
XYZ(61.4980, 48.1337, 61.3078)
contains.

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Color

**XYZ(61.4980, 48.1337,
61.3078)**

Conversions

Conversions Part 1

Format	Color
Hex	F99CC9
RGB	249, 156, 201
RGB Percent	98%, 61%, 79%
CMY	0.0235, 0.3882, 0.2118
CMYK	0.00, 0.37, 0.19, 0.02
HSL	331°, 89%, 79%
HSV	331°, 37%, 98%
XYZ	61.4980, 48.1337, 61.3078
YIQ	188.9370, 40.9830, 33.7110

Conversions

Conversions Part 2

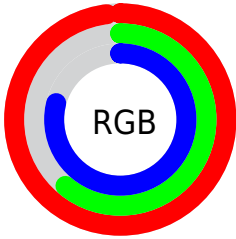
Format	Color
R _Y B	249, 156, 201
Decimal	16358601
CIE Lab	74.91, 40.61, -8.41
CIE LCh	75, 41.470, 348.298
Yxy	48.1337, 0.3598, 0.2816
Android (android.graphics.Color)	4294548681 (0xFFFF99CC9)
YUV	188.9370, 5.9471, 52.6753
Hunter-Lab	69.3785, 36.8125, -3.8280

Details

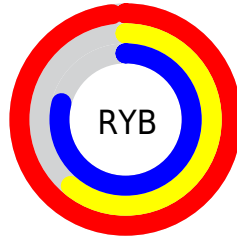
The XYZ color **61.4980, 48.1337, 61.3078** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.4872, 79.1802, 69.3311**, and the grayscale version is **48.2857, 50.8003, 55.3216**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **31.6026, 22.8834, 30.3551** is the 20% darker color. If you saturate the color by 10%, you get **56.2909, 40.0382, 52.4223**, and if you desaturate by 10%, it is **67.6908, 57.9970, 71.1470**.

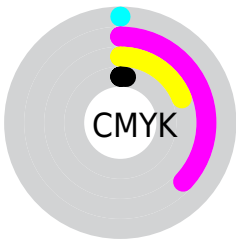
Distribution



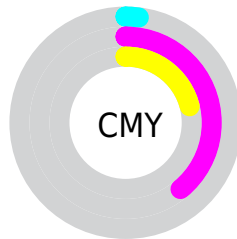
- Red (98%)
- Green (61%)
- Blue (79%)



- Red (98%)
- Yellow (61%)
- Blue (79%)



- Cyan (0%)
- Magenta (37%)
- Yellow (19%)
- Black (2%)





- Cyan (2%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4980, 48.1337, 61.3078 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 61.4980, 48.1337, 61.3078 by changing the saturation by 10% instead.


 61.4980, 48.1337,
61.3078


 61.4980, 48.1337,
61.3078


419.8444,
379.3218, 447.3394

 44.8813, 33.9328,
44.0415

 106.0937, 87.4034,
108.2863

 31.5648, 22.8420,
30.3657


 134.8034,
113.2410, 138.8356

 21.1832, 14.4769,
19.8619

168.2748,
143.7263, 174.6496

 13.3712, 8.4531,
12.1116

206.8732,
179.2437, 216.1469

 7.7634, 4.3862,
6.6963

250.9640,
220.1775, 263.7460

 3.9945, 1.8919,
3.1973

300.9126,

 1.6990, 0.5435,

266.9122, 317.8654

1.1963

357.0842,
319.8322, 378.9237

■ 0.4556, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4980, 48.1337,
61.3078

■ 61.4980, 48.1337,
61.3078

■ 56.2909, 40.0382,
52.4223

■ 67.6908, 57.9970,
71.1470

■ 52.0095, 33.5973,
44.4540

■ 74.9164, 69.7191,
81.9688

■ 48.5935, 28.6948,
37.3672

■ 83.2235, 83.3925,
93.8042

■ 45.9733, 25.1966,
31.1225

■ 92.4630, 98.7142,
106.6171

■ 44.0671, 22.9451,
25.6753

■ 92.8772, 98.8799,
108.7983

■ 42.7698, 21.7356,
20.9726

■ 42.4864, 21.5075,
19.8337

Harmonies

Analogous

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



57.4739, 48.1337, 85.2409



61.4980, 48.1337, 61.3078



60.9727, 48.1337, 40.4039

Triad

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



61.4980, 48.1337, 61.3078



41.3392, 48.1337, 22.0040



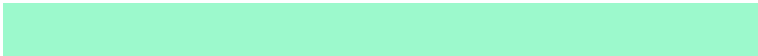
36.7509, 48.1337, 90.0074

Complementary

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



61.4980, 48.1337, 61.3078



58.4872, 79.1802, 69.3311

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.



33.2980, 48.1337, 66.5847



61.4980, 48.1337, 61.3078



35.7392, 48.1337, 29.3202

Square

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



61.4980, 48.1337, 61.3078



48.7595, 48.1337, 21.3168



32.9493, 48.1337, 44.4166



42.8663, 48.1337, 104.6093

Rectangle

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



61.4980, 48.1337, 61.3078



58.1222, 48.1337, 30.6246



32.9493, 48.1337, 44.4166



35.2707, 48.1337, 82.6491

Sweetspot

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



61.4994, 48.1360, 61.3088



84.5012, 82.4932, 94.3142



53.4821, 43.2455, 95.1515



17.8298, 17.2336, 19.8221



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.



61.4994, 48.1360, 61.3088



60.5924, 44.0644, 57.3998



56.9579, 46.3194, 37.3938



17.5945, 17.3652, 19.7204



22.8133, 11.5410, 10.9911



2.1662, 1.0902, 1.2987

Inverse Universe

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



61.4994, 48.1360, 61.3088



60.5924, 44.0644, 57.3998



64.6864, 81.6599, 101.9757



17.5945, 17.3652, 19.7204



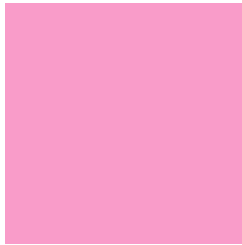
22.8133, 11.5410, 10.9911



2.1662, 1.0902, 1.2987

Previews

White Background



This preview shows how the XYZ color 61.4980, 48.1337, 61.3078 looks on a white background.

Color Contrast Check

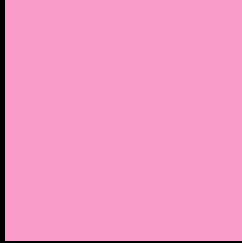
Large Text (above 18pt) WCAG AA × Fail

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 61.4980, 48.1337, 61.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

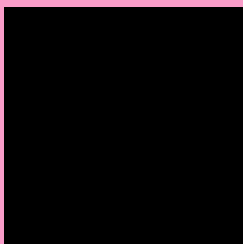
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4980, 48.1337, 61.3078

Background



This preview shows how black text looks on a background with the XYZ color 61.4980, 48.1337, 61.3078.



This preview shows how white text looks on a background with the XYZ color 61.4980, 48.1337,

61.3078.

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

61.4980, 48.1337, 61.3078

Protanopia

47.9485, 48.3939, 73.1435

Deuteranopia

49.2241, 48.1417, 59.5212



Tritanopia

58.2937, 48.0997, 45.7469

Trichromacy



Original Color

61.4980, 48.1337, 61.3078



Protanomaly

51.7291, 47.4780, 68.7251



Deuteranomaly

53.0749, 47.8020, 59.8554



Tritanomaly

59.3032, 47.9893, 50.9370

Monochromacy



Original Color

61.4980, 48.1337, 61.3078



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.2117, 49.1434, 57.1858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4980, 48.1337, 61.3078 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(249, 156, 201)` looks like.

```
.text, #text, p{  
    color:rgb(249, 156, 201)  
}
```

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(249, 156, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 156, 201) }
```

Border

The CSS property to change the border of an element to XYZ 61.4980, 48.1337, 61.3078 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(249, 156, 201) }
```


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

```
.border{ border-color:rgb(249, 156, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 156, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 156, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 156, 201);  
box-shadow:4px 4px 4px 4px rgb(249, 156,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4980, 48.1337, 61.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 156, 201) }
```

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

```
.background{ background-color: rgb(249,  
156, 201) }
```

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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