

Converting Colors

XYZ(62.1297, 48.4884, 58.9022)

Have a look what the booklet for
XYZ(62.1297, 48.4884, 58.9022)
contains.

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Color

**XYZ(62.1114, 48.5036,
58.9118)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9CC5
RGB	252, 156, 197
RGB Percent	99%, 61%, 77%
CMY	0.0118, 0.3882, 0.2274
CMYK	0.00, 0.38, 0.22, 0.01
HSL	334°, 94%, 80%
HSV	334°, 38%, 99%
XYZ	62.1114, 48.5036, 58.9118
YIQ	189.3780, 44.0550, 33.1030

Conversions

Conversions Part 2

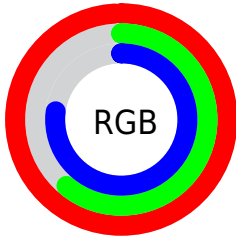
Format	Color
R _Y B	252, 156, 197
Decimal	16555205
CIE Lab	75.14, 41.04, -5.83
CIE LCh	75, 41.452, 351.914
Yxy	48.5036, 0.3664, 0.2861
Android (android.graphics.Color)	4294745285 (0xFFFC9CC5)
YUV	189.3780, 3.7576, 54.9195
Hunter-Lab	69.6445, 37.3146, -1.4018

Details

The XYZ color **62.1114, 48.5036, 58.9118** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.2808, 81.3932, 74.1653**, and the grayscale version is **48.5489, 51.0773, 55.6231**.

A 20% lighter version of the original color is **82.6729, 75.5027, 103.9821**, and **32.0563, 23.1530, 28.7660** is the 20% darker color. If you saturate the color by 10%, you get **56.7372, 40.2769, 49.3453**, and if you desaturate by 10%, it is **68.5240, 58.5525, 69.6073**.

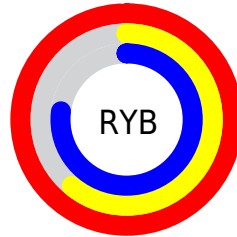
Distribution



Red (99%)

Green (61%)

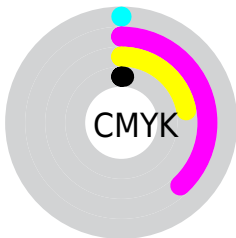
Blue (77%)



Red (99%)

Yellow (61%)

Blue (77%)

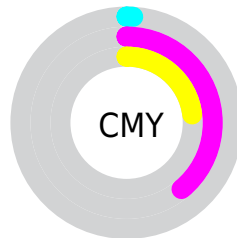


Cyan (0%)

Magenta (38%)

Yellow (22%)

Black (1%)



Cyan (1%)


Magenta (39%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1114, 48.5036, 58.9118 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 62.1114, 48.5036, 58.9118 by changing the saturation by 10% instead.


 62.1114, 48.5036,
58.9118


 62.1114, 48.5036,
58.9118

422.0484,
380.7848, 438.2678

 45.3787, 34.2259,
42.1226

 106.9755, 87.9537,
104.7773

 31.9583, 23.0672,
28.8710


 135.8377,
113.8949, 134.6907

 21.4851, 14.6431,
18.7385

169.4736,
144.4928, 169.8159

 13.5935, 8.5693,
11.3066

208.2488,
180.1316, 210.5714

 7.9183, 4.4613,
6.1567

252.5285,
221.1958, 257.3758

 4.0941, 1.9348,
2.8703

302.6781,

 1.7555, 0.5692,

268.0698, 310.6477

1.0288

359.0629,
321.1380, 370.8055

■ 0.4906, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1114, 48.5036,
58.9118

■ 62.1114, 48.5036,
58.9118

■ 56.7372, 40.2769,
49.3453

■ 68.5240, 58.5525,
69.6073

■ 52.3381, 33.7544,
40.8633

■ 76.0251, 70.5184,
81.4679

■ 48.8502, 28.8152,
33.4221

■ 84.6662, 84.4976,
94.5316

■ 46.1994, 25.3189,
26.9732

■ 93.9155, 99.4197,
108.6405

■ 44.2990, 23.1002,
21.4622

93.9551, 99.4356,
108.8488

■ 43.0320, 21.9338,
16.8236

■ 42.8316, 21.7701,
16.0254

Harmonies

Analogous

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



58.5678, 48.5036, 83.0152



62.1114, 48.5036, 58.9118



61.0087, 48.5036, 38.6993

Triad

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



62.1114, 48.5036, 58.9118



40.8665, 48.5036, 22.7530



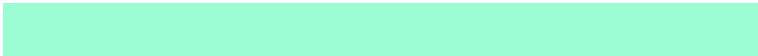
37.6726, 48.5036, 93.0105

Complementary

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



62.1114, 48.5036, 58.9118



60.2808, 81.3932, 74.1653

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.



33.8444, 48.5036, 69.9964



62.1114, 48.5036, 58.9118



35.5425, 48.5036, 30.9991

Square

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



62.1114, 48.5036, 58.9118



48.1845, 48.5036, 21.2995



33.1098, 48.5036, 47.1488



44.0788, 48.5036, 105.9385

Rectangle

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



62.1114, 48.5036, 58.9118



57.8359, 48.5036, 29.5239



33.1098, 48.5036, 47.1488



36.0720, 48.5036, 85.9401

Sweetspot

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



62.1128, 48.5059, 58.9128



84.2649, 82.3986, 93.0695



56.1536, 44.5683, 97.7389



17.7735, 17.2111, 19.5259



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.



62.1128, 48.5059, 58.9128



59.3403, 42.9729, 52.6272



59.1384, 49.0800, 37.8118



17.5523, 17.3483, 19.4979



22.3816, 11.3684, 8.7179



2.1248, 1.0736, 1.0805

Inverse Universe

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



62.1128, 48.5059, 58.9128



59.3403, 42.9729, 52.6272



64.1168, 79.7659, 104.1130



17.5523, 17.3483, 19.4979



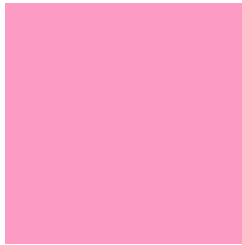
22.3816, 11.3684, 8.7179



2.1248, 1.0736, 1.0805

Previews

White Background



This preview shows how the XYZ color 62.1114, 48.5036, 58.9118 looks on a white background.

Color Contrast Check

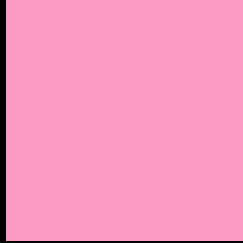
Large Text (above 18pt) WCAG AA × Fail

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 62.1114, 48.5036, 58.9118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

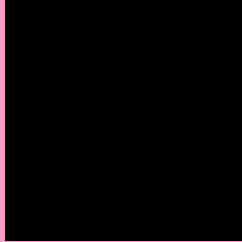
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.1114, 48.5036, 58.9118

Background



This preview shows how black text looks on a background with the XYZ color 62.1114, 48.5036, 58.9118.



This preview shows how white text looks on a background with the XYZ color 62.1114, 48.5036,

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

62.1114, 48.5036, 58.9118

Protanopia

48.2286, 48.8906, 71.1849

Deuteranopia

49.7663, 48.7721, 57.2431



Tritanopia

59.0841, 48.2599, 45.2307

Trichromacy



Original Color

62.1114, 48.5036, 58.9118



Protanomaly

51.9748, 47.9480, 66.1900



Deuteranomaly

53.5139, 48.0809, 57.4990



Tritanomaly

60.1630, 48.4565, 49.8982

Monochromacy



Original Color

62.1114, 48.5036, 58.9118



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.3879, 49.2471, 56.6137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1114, 48.5036, 58.9118 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, 156, 197)` looks like.

```
.text, #text, p{  
    color:rgb(252, 156, 197)  
}
```

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, 156, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 156, 197) }
```

Border

The CSS property to change the border of an element to XYZ 62.1114, 48.5036, 58.9118 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, 156, 197) }
```


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

```
.border{ border-color:rgb(252, 156, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 156, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 156, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 156, 197);  
box-shadow:4px 4px 4px 4px rgb(252, 156,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1114, 48.5036, 58.9118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 156, 197) }
```

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

```
.background{ background-color: rgb(252,  
156, 197) }
```

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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