

Converting Colors

XYZ(60.8619, 48.2220, 57.3998)

Have a look what the booklet for
XYZ(60.8619, 48.2220, 57.3998)
contains.

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Color

**XYZ(60.8615, 48.1487,
57.1248)**

Conversions

Conversions Part 1

Format	Color
Hex	F99DC2
RGB	249, 157, 194
RGB Percent	98%, 62%, 76%
CMY	0.0235, 0.3843, 0.2392
CMYK	0.00, 0.37, 0.22, 0.02
HSL	336°, 88%, 80%
HSV	336°, 37%, 98%
XYZ	60.8615, 48.1487, 57.1248
YIQ	188.7260, 42.9550, 31.0110

Conversions

Conversions Part 2

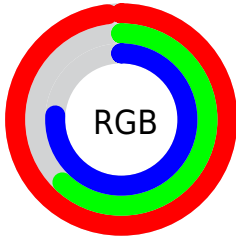
Format	Color
R_{YB}	249, 157, 194
Decimal	16358850
CIE Lab	74.92, 39.07, -4.55
CIE LCh	75, 39.335, 353.357
Yxy	48.1487, 0.3663, 0.2898
Android (android.graphics.Color)	4294548930 (0xFFFF99DC2)
YUV	188.7260, 2.6001, 52.8603
Hunter-Lab	69.3893, 35.1316, -0.2381

Details

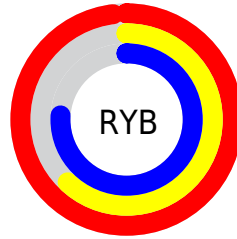
The XYZ color **60.8615, 48.1487, 57.1248** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.6661, 79.6742, 74.5251**, and the grayscale version is **48.1830, 50.6922, 55.2038**.

A 20% lighter version of the original color is **82.2896, 75.7506, 100.7267**, and **31.1698, 22.8704, 27.5826** is the 20% darker color. If you saturate the color by 10%, you get **55.4811, 39.9305, 47.4916**, and if you desaturate by 10%, it is **67.2706, 58.1553, 67.9283**.

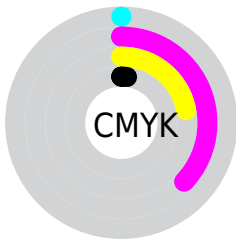
Distribution



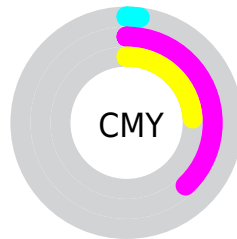
- Red (98%)
- Green (62%)
- Blue (76%)



- Red (98%)
- Yellow (62%)
- Blue (76%)



- Cyan (0%)
- Magenta (37%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8615, 48.1487, 57.1248 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 60.8615, 48.1487, 57.1248 by changing the saturation by 10% instead.


 60.8615, 48.1487,
57.1248


 60.8615, 48.1487,
57.1248


417.5500,
379.3812, 431.4236

 44.3655, 33.9447,
40.6954

 105.1776, 87.4258,
102.1494

 31.1571, 22.8511,
27.7633


 133.7285,
113.2676, 131.5817

 20.8709, 14.4836,
17.9098


167.0283,
143.7574, 166.1854

 13.1416, 8.4578,
10.7165

205.4425,
179.2797, 206.3790

 7.6038, 4.3892,
5.7648

249.3365,
220.2189, 252.5811

 3.8922, 1.8936,
2.6361

299.0754,

 1.6413, 0.5445,

266.9592, 305.2102

0.9110

355.0248,
319.8852, 364.6849

■ 0.4191, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8615, 48.1487,
57.1248

■ 60.8615, 48.1487,
57.1248

■ 55.4811, 39.9305,
47.4916

■ 67.2706, 58.1553,
67.9283

■ 51.0678, 33.3868,
38.9825

■ 74.7570, 70.0413,
79.9399

■ 47.5596, 28.4015,
31.5520

■ 83.3711, 83.8999,
93.1993

■ 44.8852, 24.8403,
25.1496

■ 92.6442, 98.7867,
107.5716

■ 42.9613, 22.5459,
19.7195

■ 92.8771, 98.8798,
108.7983

■ 41.6831, 21.3183,
15.1966

■ 41.3739, 21.0625,
13.9753

Harmonies

Analogous

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



57.7351, 48.1487, 79.6831



60.8615, 48.1487, 57.1248



59.6163, 48.1487, 38.2842

Triad

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



60.8615, 48.1487, 57.1248



40.5151, 48.1487, 23.9001



38.0224, 48.1487, 90.8950

Complementary

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



60.8615, 48.1487, 57.1248



59.6661, 79.6742, 74.5251

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.



34.2429, 48.1487, 69.6805



60.8615, 48.1487, 57.1248



35.5736, 48.1487, 32.2233

Square

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



60.8615, 48.1487, 57.1248



47.3765, 48.1487, 22.1841



33.3955, 48.1487, 47.9917



44.1883, 48.1487, 102.2083

Rectangle

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



60.8615, 48.1487, 57.1248



56.5322, 48.1487, 29.7307



33.3955, 48.1487, 47.9917



36.4579, 48.1487, 84.4562

Sweetspot

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



60.8629, 48.1510, 57.1258



84.1619, 82.3574, 92.5270



55.9264, 44.7558, 95.3141



17.7490, 17.2013, 19.3969



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.



60.8629, 48.1510, 57.1258



60.1010, 44.4723, 52.9483



58.5496, 49.3666, 38.3439



17.5338, 17.3409, 19.4009



22.2124, 11.3007, 7.8269



2.1081, 1.0670, 0.9927

Inverse Universe

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



60.8629, 48.1510, 57.1258



60.1010, 44.4723, 52.9483



62.5592, 77.1171, 101.2109



17.5338, 17.3409, 19.4009



22.2124, 11.3007, 7.8269



2.1081, 1.0670, 0.9927

Previews

White Background



This preview shows how the XYZ color 60.8615, 48.1487, 57.1248 looks on a white background.

Color Contrast Check

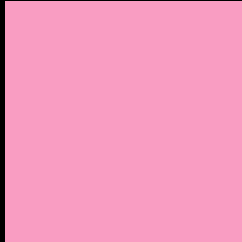
Large Text (above 18pt) WCAG AA × Fail

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 60.8615, 48.1487, 57.1248 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 60.8615, 48.1487, 57.1248

Background



This preview shows how black text looks on a background with the XYZ color 60.8615, 48.1487, 57.1248.



This preview shows how white text looks on a background with the XYZ color 60.8615, 48.1487,

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

60.8615, 48.1487, 57.1248

Protanopia

47.3887, 48.2234, 67.7832

Deuteranopia

49.2338, 48.2373, 55.4310



Tritanopia

58.6455, 48.2810, 45.7634

Trichromacy



Original Color

60.8615, 48.1487, 57.1248



Protanomaly

51.2120, 47.6109, 63.6174



Deuteranomaly

52.8803, 47.7928, 55.7281



Tritanomaly

59.6227, 48.4343, 49.9224

Monochromacy



Original Color

60.8615, 48.1487, 57.1248



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.9901, 49.0548, 56.0186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8615, 48.1487, 57.1248 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, 157, 194)` looks like.

```
.text, #text, p{  
    color:rgb(249, 157, 194)  
}
```

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, 157, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 157, 194) }
```

Border

The CSS property to change the border of an element to XYZ 60.8615, 48.1487, 57.1248 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, 157, 194) }
```


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

```
.border{ border-color:rgb(249, 157, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 157, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 157, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 157, 194);  
box-shadow:4px 4px 4px 4px rgb(249, 157,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8615, 48.1487, 57.1248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 157, 194) }
```

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

```
.background{ background-color: rgb(249,  
157, 194) }
```

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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