

Converting Colors

XYZ(57.2077, 38.8477, 51.4848)

Have a look what the booklet for
XYZ(57.2077, 38.8477, 51.4848)
contains.

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Color

**XYZ(57.1692, 38.7669,
51.4833)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7ABB
RGB	255, 122, 187
RGB Percent	100%, 48%, 73%
CMY	0.0000, 0.5215, 0.2667
CMYK	0.00, 0.52, 0.27, 0.00
HSL	331°, 100%, 74%
HSV	331°, 52%, 100%
XYZ	57.1692, 38.7669, 51.4833
YIQ	169.1770, 58.4030, 48.4110

Conversions

Conversions Part 2

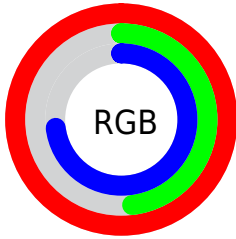
Format	Color
R_{YB}	255, 122, 187
Decimal	16743099
CIE _{Lab}	68.58, 57.49, -9.98
CIE _{LCh}	69, 58.346, 350.151
Yxy	38.7669, 0.3878, 0.2630
Android (android.graphics.Color)	4294933179 (0xFFFF7ABB)
YUV	169.1770, 8.7867, 75.2668
Hunter-Lab	62.2631, 54.9362, -5.4408

Details

The XYZ color **57.1692, 38.7669, 51.4833** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.0820, 79.3761, 61.2423**, and the grayscale version is **37.7385, 39.7038, 43.2374**.

A 20% lighter version of the original color is **73.3381, 59.5719, 92.4272**, and **28.7570, 17.2198, 24.3623** is the 20% darker color. If you saturate the color by 10%, you get **53.1056, 32.7731, 43.5521**, and if you desaturate by 10%, it is **62.1826, 46.4575, 60.3572**.

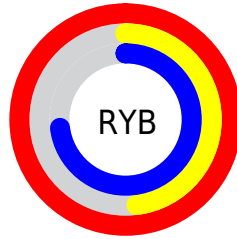
Distribution



Red (100%)

Green (48%)

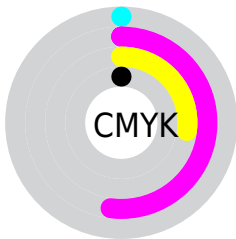
Blue (73%)



Red (100%)

Yellow (48%)

Blue (73%)

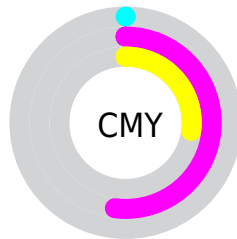


Cyan (0%)

Magenta (52%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1692, 38.7669, 51.4833 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 57.1692, 38.7669, 51.4833 by changing the saturation by 10% instead.


 57.1692, 38.7669,
51.4833


 57.1692, 38.7669,
51.4833


404.0870,
340.8984, 409.3386


 41.3818, 26.5784,
36.2140


 99.8420, 73.2821,
93.7876

 28.8065, 17.2569,
24.3085


 127.4580, 96.3776,
121.6596

 19.0780, 10.4178,
15.3483


 159.7476,
123.8776, 154.5697

 11.8310, 5.6768,
8.9149

197.0762,
156.1664, 192.9362

 6.7001, 2.6496,
4.5896

239.8091,
193.6286, 237.1779

 3.3199, 0.9517,
1.9541

288.3116,

 1.3251, 0.0000,

236.6483, 287.7131

0.5268

342.9491,
285.6102, 344.9605

■ 0.2019, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1692, 38.7669,
51.4833

■ 57.1692, 38.7669,
51.4833

■ 53.1056, 32.7731,
43.5521

■ 62.1826, 46.4575,
60.3572

■ 49.9201, 28.3379,
36.5220

■ 68.2050, 55.9579,
70.2082

■ 47.5341, 25.3102,
30.3498

■ 75.2935, 67.3778,
81.0712

■ 45.8528, 23.5056,
24.9859

■ 83.5003, 80.8163,
92.9784

■ 44.9173, 22.7309,
21.2945

■ 92.8738, 96.3658,
105.9602

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.1654, 38.7669, 83.7081



57.1692, 38.7669, 51.4833



56.0744, 38.7669, 27.0521

Triad

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



57.1692, 38.7669, 51.4833



31.0823, 38.7669, 10.2757



26.6340, 38.7669, 94.2781

Complementary

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



57.1692, 38.7669, 51.4833



53.0820, 79.3761, 61.2423

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.



22.6094, 38.7669, 62.1803



57.1692, 38.7669, 51.4833



24.8656, 38.7669, 17.3581

Square

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



57.1692, 38.7669, 51.4833



39.9563, 38.7669, 9.3848



22.0209, 38.7669, 34.1240



33.9029, 38.7669, 114.3906

Rectangle

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



57.1692, 38.7669, 51.4833



52.0898, 38.7669, 17.2452



22.0209, 38.7669, 34.1240



24.9117, 38.7669, 84.0316

Sweetspot

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



57.1701, 38.7687, 51.4840



80.2085, 75.4029, 88.2734



45.8738, 31.8963, 98.3465



16.8058, 15.5462, 18.3690



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.



57.1701, 38.7687, 51.4840



52.8031, 32.3395, 42.9231



51.7137, 36.5862, 22.7509



18.3793, 18.1350, 20.6147



23.5452, 11.9074, 11.5213



2.3475, 1.1814, 1.4113

Inverse Universe

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



57.1701, 38.7687, 51.4840



52.8031, 32.3395, 42.9231



61.8371, 82.8781, 107.3457



18.3793, 18.1350, 20.6147



23.5452, 11.9074, 11.5213



2.3475, 1.1814, 1.4113

Previews

White Background



This preview shows how the XYZ color 57.1692, 38.7669, 51.4833 looks on a white background.

Color Contrast Check

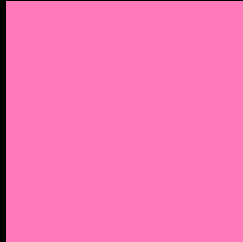
Large Text (above 18pt) WCAG AA × Fail

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 57.1692, 38.7669, 51.4833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

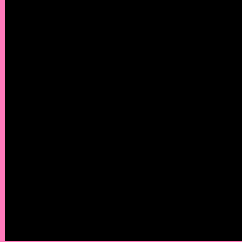
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1692, 38.7669, 51.4833

Background



This preview shows how black text looks on a background with the XYZ color 57.1692, 38.7669, 51.4833.



This preview shows how white text looks on a background with the XYZ color 57.1692, 38.7669,

51.4833.

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

57.1692, 38.7669, 51.4833

Protanopia

39.5485, 39.1989, 70.4475

Deuteranopia

39.6955, 38.9547, 48.6068



Tritanopia

52.7077, 38.6649, 29.8844

Trichromacy



Original Color

57.1692, 38.7669, 51.4833



Protanomaly

43.4116, 37.2968, 62.6686



Deuteranomaly

44.5907, 37.7205, 49.7303



Tritanomaly

54.0356, 38.6024, 36.9508

Monochromacy



Original Color

57.1692, 38.7669, 51.4833



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.8841, 37.8704, 46.1238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1692, 38.7669, 51.4833 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(255, 122, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 187)  
}
```

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(255, 122, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 187) }
```

Border

The CSS property to change the border of an element to XYZ 57.1692, 38.7669, 51.4833 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(255, 122, 187) }
```


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

```
.border{ border-color:rgb(255, 122, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1692, 38.7669, 51.4833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 187) }
```

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

```
.background{ background-color: rgb(255,  
122, 187) }
```

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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