

Converting Colors

XYZ(67.0846, 50.9991, 52.7526)

Have a look what the booklet for
XYZ(67.0846, 50.9991, 52.7526)
contains.

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Color

**XYZ(61.8243, 48.2479,
52.5086)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9BBA
RGB	255, 155, 186
RGB Percent	100%, 61%, 73%
CMY	0.0000, 0.3921, 0.2706
CMYK	0.00, 0.39, 0.27, 0.00
HSL	341°, 100%, 80%
HSV	341°, 39%, 100%
XYZ	61.8243, 48.2479, 52.5086
YIQ	188.4340, 49.6490, 30.8410

Conversions

Conversions Part 2

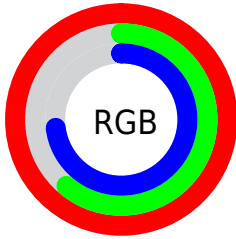
Format	Color
R_{YB}	255, 155, 186
Decimal	16751546
CIE _{Lab}	74.98, 41.06, 0.03
CIE _{LCh}	75, 41.062, 0.035
Yxy	48.2479, 0.3803, 0.2968
Android (android.graphics.Color)	4294941626 (0xFFFF9BBA)
YUV	188.4340, -1.2000, 58.3784
Hunter-Lab	69.4607, 37.3197, 3.8024

Details

The XYZ color **61.8243, 48.2479, 52.5086** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.7342, 83.8714, 83.4075**, and the grayscale version is **48.0348, 50.5364, 55.0341**.

A 20% lighter version of the original color is **80.5613, 74.2593, 94.0918**, and **31.7500, 22.9320, 24.9432** is the 20% darker color. If you saturate the color by 10%, you get **56.2629, 39.9366, 41.9871**, and if you desaturate by 10%, it is **68.5145, 58.4478, 64.5440**.

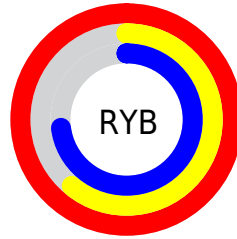
Distribution



Red (100%)

Green (61%)

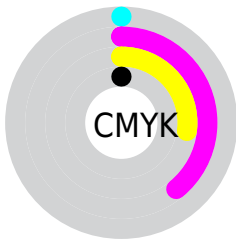
Blue (73%)



Red (100%)

Yellow (61%)

Blue (73%)

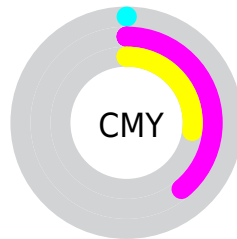


Cyan (0%)

Magenta (39%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8243, 48.2479, 52.5086 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 61.8243, 48.2479, 52.5086 by changing the saturation by 10% instead.


 61.8243, 48.2479,
52.5086


 61.8243, 48.2479,
52.5086


421.0177,
379.7739, 413.4096

 45.1458, 34.0232,
37.0256


 106.5629, 87.5734,
95.3151

 31.7741, 22.9115,
24.9314


 135.3538,
113.4430, 123.4757

 21.3437, 14.5281,
15.8074

168.9128,
143.9631, 156.6992

 13.4893, 8.4889,
9.2351

207.6053,
179.5180, 195.4041

 7.8457, 4.4093,
4.7959

251.7967,
220.4921, 240.0091

 4.0473, 1.9051,
2.0714

301.8523,

 1.7289, 0.5514,

267.2699, 290.9327

0.5987

358.1375,
320.2357, 348.5934

■ 0.4743, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8243, 48.2479,
52.5086

■ 61.8243, 48.2479,
52.5086

■ 56.2629, 39.9366,
41.9871

■ 68.5145, 58.4478,
64.5440

■ 51.7614, 33.3902,
32.9137

■ 76.3898, 70.6366,
78.1494

■ 48.2489, 28.4804,
25.2218

■ 85.5068, 84.9154,
93.3815

■ 45.6436, 25.0589,
18.8376

95.0500, 100.0000,
108.9000

■ 43.8493, 22.9495,
13.6791

■ 42.7255, 21.8891,
9.6452

■ 42.6528, 21.8251,
9.3695

Harmonies

Analogous

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



59.5041, 48.2479, 75.9512



61.8243, 48.2479, 52.5086



59.4936, 48.2479, 34.4717

Triad

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



61.8243, 48.2479, 52.5086



39.0193, 48.2479, 24.3007



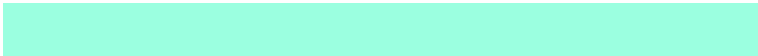
39.0329, 48.2479, 96.9924

Complementary

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



61.8243, 48.2479, 52.5086



62.7342, 83.8714, 83.4075

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.



34.4837, 48.2479, 76.0069



61.8243, 48.2479, 52.5086



34.4764, 48.2479, 34.5047

Square

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



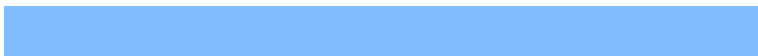
61.8243, 48.2479, 52.5086



45.8494, 48.2479, 21.1356



32.9087, 48.2479, 52.5589



45.8670, 48.2479, 105.5307

Rectangle

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



61.8243, 48.2479, 52.5086



55.7471, 48.2479, 26.8338



32.9087, 48.2479, 52.5589



37.2138, 48.2479, 90.9214

Sweetspot

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



61.8255, 48.2501, 52.5095



82.8380, 80.7205, 88.9698



60.3074, 46.4063, 100.3865



17.4703, 16.8690, 18.6101



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.



61.8255, 48.2501, 52.5095



57.4001, 41.6199, 44.1886



62.1656, 53.6440, 38.0912



18.2412, 18.0798, 19.8874



22.3455, 11.4275, 5.2039



2.2223, 1.1313, 0.7519

Inverse Universe

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



61.8255, 48.2501, 52.5095



57.4001, 41.6199, 44.1886



61.7570, 74.5655, 105.7454



18.2412, 18.0798, 19.8874



22.3455, 11.4275, 5.2039



2.2223, 1.1313, 0.7519

Previews

White Background



This preview shows how the XYZ color 61.8243, 48.2479, 52.5086 looks on a white background.

Color Contrast Check

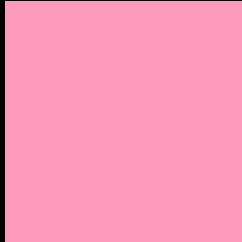
Large Text (above 18pt) WCAG AA × Fail

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 61.8243, 48.2479, 52.5086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

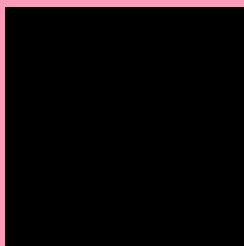
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8243, 48.2479, 52.5086

Background



This preview shows how black text looks on a background with the XYZ color 61.8243, 48.2479, 52.5086.



This preview shows how white text looks on a background with the XYZ color 61.8243, 48.2479,

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

61.8243, 48.2479, 52.5086

Protanopia

47.4484, 48.6601, 63.3914

Deuteranopia

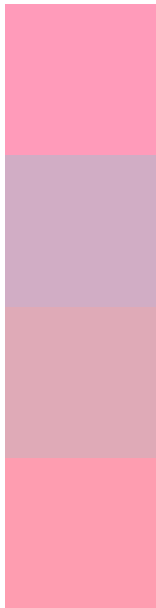
49.4654, 48.4550, 51.0016



Tritanopia

59.9906, 48.2386, 44.1794

Trichromacy



Original Color

61.8243, 48.2479, 52.5086

Protanomaly

51.3161, 47.4737, 59.2820

Deuteranomaly

53.3534, 47.8563, 51.2249

Tritanomaly

60.7665, 48.3194, 47.1981

Monochromacy



Original Color

61.8243, 48.2479, 52.5086

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

51.6464, 48.6356, 53.6793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8243, 48.2479, 52.5086 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, 155, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 186)  
}
```

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, 155, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 186) }
```

Border

The CSS property to change the border of an element to XYZ 61.8243, 48.2479, 52.5086 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, 155, 186) }
```


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

```
.border{ border-color:rgb(255, 155, 186) }
```

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

Here you see how a box with a 4 pixel rgb(255, 155, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8243, 48.2479, 52.5086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 186) }
```

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

```
.background{ background-color: rgb(255,  
155, 186) }
```

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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