

Converting Colors

XYZ(61.8225, 48.6772, 55.1269)

Have a look what the booklet for
XYZ(61.8225, 48.6772, 55.1269)
contains.

XYZ(61.8592, 48.7143, 54.8577)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.8592, 48.7143,
54.8577)**

Conversions

Conversions Part 1	
Format	Color
Hex	FD9DBE
RGB	253, 157, 190
RGB Percent	99%, 62%, 75%
CMY	0.0078, 0.3843, 0.2549
CMYK	0.00, 0.38, 0.25, 0.01
HSL	339°, 96%, 80%
HSV	339°, 38%, 99%
XYZ	61.8592, 48.7143, 54.8577
YIQ	189.4660, 46.6230, 30.6150

Conversions

Conversions Part 2

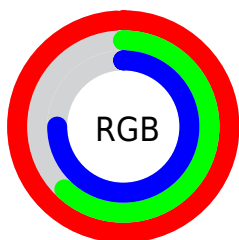
Format	Color
RYB	253, 157, 190
Decimal	16620990
CIELab	75.27, 39.88, -1.78
CIELCh	75, 39.924, 357.450
Yxy	48.7143, 0.3739, 0.2945
Android (android.graphics.Color)	4294811070 (0xFFFD9DBE)
YUV	189.4660, 0.2633, 55.7193
Hunter-Lab	69.7956, 36.0605, 2.2564

Details

The XYZ color **61.8592, 48.7143, 54.8577** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.9503, 82.5871, 80.3899**, and the grayscale version is **48.6178, 51.1497, 55.7020**.

A 20% lighter version of the original color is **81.6688, 75.5023, 97.4578**, and **31.7138, 23.1761, 26.4688** is the 20% darker color. If you saturate the color by 10%, you get **56.3009, 40.3383, 44.5556**, and if you desaturate by 10%, it is **68.5132, 58.9500, 66.5461**.

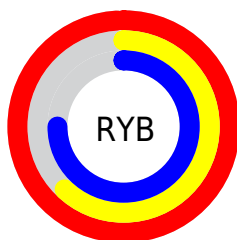
Distribution



Red (99%)

Green (62%)

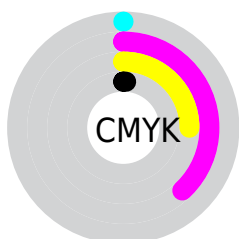
Blue (75%)



Red (99%)

Yellow (62%)

Blue (75%)

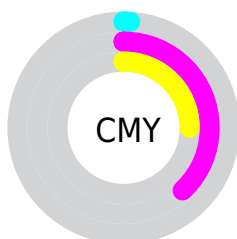


Cyan (0%)

Magenta (38%)

Yellow (25%)

Black (1%)



Cyan (1%)


Magenta (38%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8592, 48.7143, 54.8577 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 61.8592, 48.7143, 54.8577 by changing the saturation by 10% instead.


 61.8592, 48.7143,
54.8577


 61.8592, 48.7143,
54.8577

421.1431,
381.6165, 422.6390

 45.1741, 34.3929,
38.8900

 106.6131, 88.2670,
98.8015

 31.7964, 23.1956,
26.3670

 135.4126,
114.2670, 127.6146

 21.3609, 14.7380,
16.8702


168.9810,
144.9288, 161.5467

 13.5020, 8.6357,
9.9810

207.6836,
180.6366, 201.0161

 7.8545, 4.5043,
5.2809

251.8857,
221.7749, 246.4415

 4.0530, 1.9595,
2.3514


301.9528,


 1.7322, 0.5838,


268.7280, 298.2415


0.7598


358.2501,
321.8804, 356.8345


 0.4763, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 61.8592, 48.7143,
54.8577


 61.8592, 48.7143,
54.8577


 56.3009, 40.3383,
44.5556


 68.5132, 58.9500,
66.5461

 51.7723, 33.7020,
35.5822

 76.3157, 71.1419,
79.6694

 48.2060, 28.6824,
27.8796

 85.3210, 85.3879,
94.2772

 45.5248, 25.1371,
21.3840

94.3181, 99.6227,
108.8657

■ 43.6381, 22.8982,
16.0245

■ 42.4262, 21.7403,
11.7174

■ 42.2268, 21.5702,
10.9461

Harmonies

Analogous

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



59.2286, 48.7143, 77.8611



61.8592, 48.7143, 54.8577



59.9705, 48.7143, 36.5236

Triad

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



61.8592, 48.7143, 54.8577



40.1028, 48.7143, 24.6773



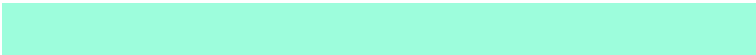
39.1241, 48.7143, 94.8657

Complementary

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



61.8592, 48.7143, 54.8577



61.9503, 82.5871, 80.3899

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.



34.8853, 48.7143, 73.9124



61.8592, 48.7143, 54.8577



35.4071, 48.7143, 34.1515

Square

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



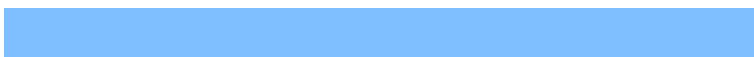
61.8592, 48.7143, 54.8577



46.9313, 48.7143, 22.0699



33.5990, 48.7143, 51.2660



45.6773, 48.7143, 104.4559

Rectangle

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



61.8592, 48.7143, 54.8577



56.5025, 48.7143, 28.5137



33.5990, 48.7143, 51.2660



37.4086, 48.7143, 88.6860

Sweetspot

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



61.8606, 48.7166, 54.8587



83.9218, 82.2614, 91.2629



59.1224, 46.3306, 98.7553



17.6920, 17.1785, 19.0967



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.



61.8606, 48.7166, 54.8587



58.3232, 42.5661, 47.2710



61.2341, 52.5966, 38.8260



18.2671, 18.0901, 20.0234



22.5244, 11.4990, 6.1458



2.2421, 1.1392, 0.8563

Inverse Universe

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



61.8606, 48.7166, 54.8587



58.3232, 42.5661, 47.2710



62.3854, 75.7604, 104.2638



18.2671, 18.0901, 20.0234



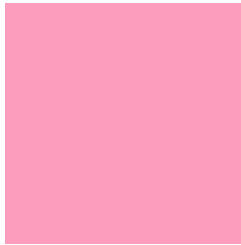
22.5244, 11.4990, 6.1458



2.2421, 1.1392, 0.8563

Previews

White Background



This preview shows how the XYZ color 61.8592, 48.7143, 54.8577 looks on a white background.

Color Contrast Check

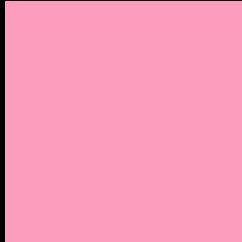
Large Text (above 18pt) WCAG AA × Fail

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 61.8592, 48.7143, 54.8577 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 61.8592, 48.7143, 54.8577

Background



This preview shows how black text looks on a background with the XYZ color 61.8592, 48.7143, 54.8577.



This preview shows how white text looks on a background with the XYZ color 61.8592, 48.7143,

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

61.8592, 48.7143, 54.8577

Protanopia

48.1399, 49.2702, 66.0043

Deuteranopia

49.8128, 48.8842, 53.2646



Tritanopia

59.8009, 48.6294, 45.2643

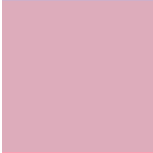
Trichromacy



Original Color
61.8592, 48.7143, 54.8577



Protanomaly
51.8850, 48.2869, 61.8440



Deuteranomaly
53.5410, 48.4651, 53.5465



Tritanomaly
60.6797, 48.7464, 48.8587

Monochromacy



Original Color
61.8592, 48.7143, 54.8577



Achromatopsia
48.3692, 50.8881, 55.4172



Achromatomaly
52.0588, 49.1155, 54.8805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8592, 48.7143, 54.8577 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(253, 157, 190) looks like.

```
.text, #text, p{  
    color:rgb(253, 157, 190)  
}
```

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(253, 157, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 157, 190) }
```

Border

The CSS property to change the border of an element to XYZ 61.8592, 48.7143, 54.8577 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(253, 157, 190) }
```


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

```
.border{ border-color:rgb(253, 157, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 157, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 157, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 157, 190);  
box-shadow:4px 4px 4px 4px rgb(253, 157,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8592, 48.7143, 54.8577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 157, 190) }
```

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

```
.background{ background-color: rgb(253,  
157, 190) }
```

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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