

Converting Colors

XYZ(61.0732, 48.6828, 54.3494)

Have a look what the booklet for
XYZ(61.0732, 48.6828, 54.3494)
contains.

XYZ(60.8365, 48.4518, 54.2898)	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(60.8365, 48.4518,
54.2898)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9EBD
RGB	250, 158, 189
RGB Percent	98%, 62%, 74%
CMY	0.0196, 0.3804, 0.2588
CMYK	0.00, 0.37, 0.24, 0.02
HSL	340°, 90%, 80%
HSV	340°, 37%, 98%
XYZ	60.8365, 48.4518, 54.2898
YIQ	189.0420, 44.8810, 29.1450

Conversions

Conversions Part 2

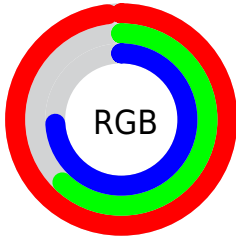
Format	Color
R _Y B	250, 158, 189
Decimal	16424637
CIE Lab	75.11, 38.19, -1.51
CIE LCh	75, 38.221, 357.739
Yxy	48.4518, 0.3719, 0.2962
Android (android.graphics.Color)	4294614717 (0xFFFA9EBD)
YUV	189.0420, -0.0207, 53.4602
Hunter-Lab	69.6073, 34.1954, 2.4823

Details

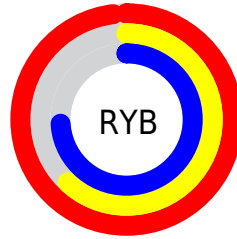
The XYZ color **60.8365, 48.4518, 54.2898** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.0745, 80.7560, 79.3903**, and the grayscale version is **48.3771, 50.8965, 55.4263**.

A 20% lighter version of the original color is **81.7680, 75.9457, 96.7355**, and **31.2337, 23.0872, 26.1026** is the 20% darker color. If you saturate the color by 10%, you get **55.3001, 40.0957, 44.0682**, and if you desaturate by 10%, it is **67.4487, 58.6294, 65.8858**.

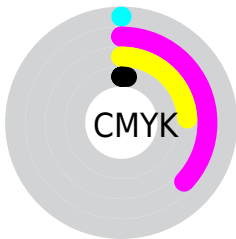
Distribution



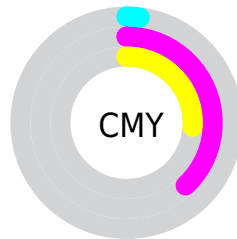
- Red (98%)
- Green (62%)
- Blue (74%)



- Red (98%)
- Yellow (62%)
- Blue (74%)



- Cyan (0%)
- Magenta (37%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (38%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8365, 48.4518, 54.2898 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 60.8365, 48.4518, 54.2898 by changing the saturation by 10% instead.


 60.8365, 48.4518,
54.2898


 60.8365, 48.4518,
54.2898


417.4598,
380.5802, 420.4200

 44.3453, 34.1848,
38.4386


 105.1416, 87.8767,
97.9603

 31.1411, 23.0356,
26.0188


 133.6862,
113.8034, 126.6167

 20.8587, 14.6198,
16.6118


166.9793,
144.3855, 160.3787

 13.1326, 8.5530,
9.7991

205.3863,
180.0073, 199.6647

 7.5976, 4.4508,
5.1621

249.2724,
221.0533, 244.8933

 3.8882, 1.9288,
2.2823

299.0032,

 1.6391, 0.5656,

267.9079, 296.4830

0.7213

354.9438,
320.9553, 354.8524

■ 0.4177, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8365, 48.4518,
54.2898

■ 60.8365, 48.4518,
54.2898

■ 55.3001, 40.0957,
44.0682

■ 67.4487, 58.6294,
65.8858

■ 50.7755, 33.4456,
35.1641

■ 75.1876, 70.7212,
78.9040

■ 47.1982, 28.3835,
27.5206

■ 84.1057, 84.8217,
93.3934

■ 44.4938, 24.7732,
21.0749

■ 93.2345, 99.0641,
108.8150

■ 42.5761, 22.4552,
15.7576

■ 41.3373, 21.2282,
11.4890

■ 41.0338, 20.9678,
10.3194

Harmonies

Analogous

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



58.3837, 48.4518, 76.0960



60.8365, 48.4518, 54.2898



59.0074, 48.4518, 36.7855

Triad

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



60.8365, 48.4518, 54.2898



40.0729, 48.4518, 25.4857



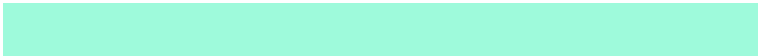
39.2412, 48.4518, 92.4789

Complementary

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



60.8365, 48.4518, 54.2898



61.0745, 80.7560, 79.3903

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.



35.1469, 48.4518, 72.7856



60.8365, 48.4518, 54.2898



35.5918, 48.4518, 34.7547

Square

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



60.8365, 48.4518, 54.2898



46.5846, 48.4518, 22.8742



33.8807, 48.4518, 51.2509



45.5235, 48.4518, 101.3474

Rectangle

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



60.8365, 48.4518, 54.2898



55.6994, 48.4518, 29.0802



33.8807, 48.4518, 51.2509



37.5883, 48.4518, 86.6954

Sweetspot

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



60.8379, 48.4541, 54.2908



83.8940, 82.2503, 91.1166



58.3377, 46.2330, 96.2920



17.6854, 17.1759, 19.0620



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.



60.8379, 48.4541, 54.2908



59.3322, 44.1648, 48.9000



60.3121, 52.2239, 39.2520



17.4859, 17.3217, 19.1483



21.8253, 11.1459, 5.7886



2.0687, 1.0512, 0.7850

Inverse Universe

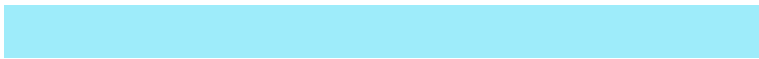
The Inverse Universe completely reimagines the original color for something new.



60.8379, 48.4541, 54.2908



59.3322, 44.1648, 48.9000



61.4106, 74.2788, 101.5434



17.4859, 17.3217, 19.1483



21.8253, 11.1459, 5.7886



2.0687, 1.0512, 0.7850

Previews

White Background



This preview shows how the XYZ color 60.8365, 48.4518, 54.2898 looks on a white background.

Color Contrast Check

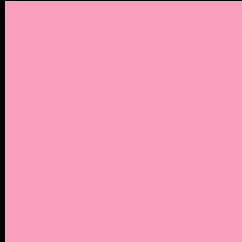
Large Text (above 18pt) WCAG AA × Fail

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 60.8365, 48.4518, 54.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

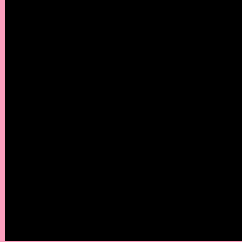
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8365, 48.4518, 54.2898

Background



This preview shows how black text looks on a background with the XYZ color 60.8365, 48.4518, 54.2898.



This preview shows how white text looks on a background with the XYZ color 60.8365, 48.4518,

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

60.8365, 48.4518, 54.2898

Protanopia

47.6884, 48.7560, 64.6550

Deuteranopia

49.5057, 48.4395, 52.6395



Tritanopia

58.9991, 48.4633, 45.7799

Trichromacy



Original Color

60.8365, 48.4518, 54.2898



Protanomaly

51.3709, 48.0489, 60.5996



Deuteranomaly

52.9410, 47.8866, 52.9071



Tritanomaly

59.7744, 48.5360, 48.8658

Monochromacy



Original Color

60.8365, 48.4518, 54.2898



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.9697, 49.3638, 54.9332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8365, 48.4518, 54.2898 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(250, 158, 189)` looks like.

```
.text, #text, p{  
    color:rgb(250, 158, 189)  
}
```

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(250, 158, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 158, 189) }
```

Border

The CSS property to change the border of an element to XYZ 60.8365, 48.4518, 54.2898 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(250, 158, 189) }
```


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

```
.border{ border-color:rgb(250, 158, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 158, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 158, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 158, 189);  
box-shadow:4px 4px 4px 4px rgb(250, 158,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8365, 48.4518, 54.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 158, 189) }
```

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

```
.background{ background-color: rgb(250,  
158, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor