

Converting Colors

XYZ(62.2536, 48.6400, 54.5197)

Have a look what the booklet for
XYZ(62.2536, 48.6400, 54.5197)
contains.

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Color

**XYZ(62.3138, 48.7111,
54.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CBD
RGB	255, 156, 189
RGB Percent	100%, 61%, 74%
CMY	0.0000, 0.3882, 0.2588
CMYK	0.00, 0.39, 0.26, 0.00
HSL	340°, 100%, 81%
HSV	340°, 39%, 100%
XYZ	62.3138, 48.7111, 54.2620
YIQ	189.3630, 48.4110, 31.2510

Conversions

Conversions Part 2

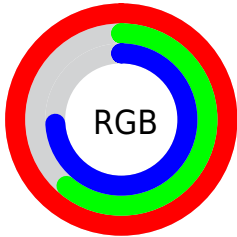
Format	Color
R _Y B	255, 156, 189
Decimal	16751805
CIE Lab	75.27, 40.95, -1.20
CIE LCh	75, 40.969, 358.320
Yxy	48.7111, 0.3770, 0.2947
Android (android.graphics.Color)	4294941885 (0xFFFF9CBD)
YUV	189.3630, -0.1790, 57.5636
Hunter-Lab	69.7933, 37.2324, 2.7593

Details

The XYZ color **62.3138, 48.7111, 54.2620** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.6572, 83.8628, 81.9960**, and the grayscale version is **48.5604, 51.0893, 55.6363**.

A 20% lighter version of the original color is **81.2649, 74.9395, 96.5679**, and **32.0591, 23.2138, 26.0836** is the 20% darker color. If you saturate the color by 10%, you get **56.7366, 40.3390, 43.8256**, and if you desaturate by 10%, it is **69.0079, 58.9705, 66.1391**.

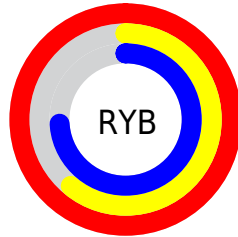
Distribution



Red (100%)

Green (61%)

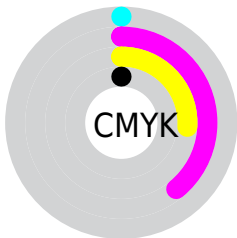
Blue (74%)



Red (100%)

Yellow (61%)

Blue (74%)

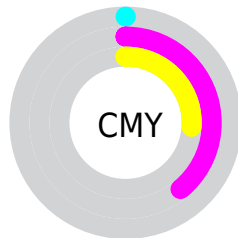


Cyan (0%)

Magenta (39%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3138, 48.7111, 54.2620 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 62.3138, 48.7111, 54.2620 by changing the saturation by 10% instead.


 62.3138, 48.7111,
54.2620


 62.3138, 48.7111,
54.2620


422.7742,
381.6039, 420.3111

 45.5429, 34.3904,
38.4166

 107.2663, 88.2622,
97.9191

 32.0883, 23.1936,
26.0018


 136.1786,
114.2614, 126.5679

 21.5849, 14.7366,
16.5992


169.8687,
144.9222, 160.3215

 13.6671, 8.6347,
9.7902

208.7020,
180.6289, 199.5984

 7.9696, 4.5037,
5.1563

253.0439,
221.7661, 244.8174

 4.1272, 1.9591,
2.2789

303.2596,

 1.7743, 0.5836,

268.7180, 296.3968

0.7194

359.7146,
321.8692, 354.7552

■ 0.5021, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3138, 48.7111,
54.2620

■ 62.3138, 48.7111,
54.2620

■ 56.7366, 40.3390,
43.8256

■ 69.0079, 58.9705,
66.1391

■ 52.2086, 33.7311,
34.7691

■ 76.8741, 71.2168,
79.5085

■ 48.6600, 28.7603,
27.0308

■ 85.9682, 85.5504,
94.4228

■ 46.0105, 25.2794,
20.5427

95.0500, 100.0000,
108.9000

■ 44.1659, 23.1142,
15.2295

■ 42.9928, 22.0133,
10.9989

■ 42.8793, 21.9157,
10.5626

Harmonies

Analogous

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



59.7306, 48.7111, 77.9036



62.3138, 48.7111, 54.2620



60.2346, 48.7111, 35.7136

Triad

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



62.3138, 48.7111, 54.2620



39.7701, 48.7111, 24.2905



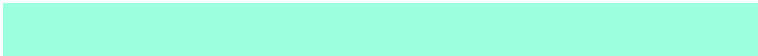
39.1100, 48.7111, 96.6774

Complementary

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



62.3138, 48.7111, 54.2620



62.6572, 83.8628, 81.9960

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.



34.6969, 48.7111, 75.2168



62.3138, 48.7111, 54.2620



35.0480, 48.7111, 34.1217

Square

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



62.3138, 48.7111, 54.2620



46.7238, 48.7111, 21.4719



33.2931, 48.7111, 51.8328



45.8756, 48.7111, 106.1554

Rectangle

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



62.3138, 48.7111, 54.2620



56.5983, 48.7111, 27.7252



33.2931, 48.7111, 51.8328



37.3307, 48.7111, 90.3828

Sweetspot

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



62.3150, 48.7134, 54.2630



82.9408, 80.7616, 89.5109



60.0645, 46.5291, 100.4230



17.4944, 16.8786, 18.7369



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.



62.3150, 48.7134, 54.2630



57.6722, 41.7287, 45.6216



62.0903, 53.3584, 38.4822



18.2591, 18.0869, 19.9814



22.4669, 11.4761, 5.8432



2.2358, 1.1367, 0.8231

Inverse Universe

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



62.3150, 48.7134, 54.2630



57.6722, 41.7287, 45.6216



62.4822, 75.7299, 105.9319



18.2591, 18.0869, 19.9814



22.4669, 11.4761, 5.8432



2.2358, 1.1367, 0.8231

Previews

White Background



This preview shows how the XYZ color 62.3138, 48.7111, 54.2620 looks on a white background.

Color Contrast Check

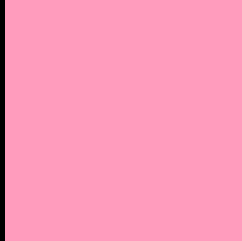
Large Text (above 18pt) WCAG AA × Fail

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 62.3138, 48.7111, 54.2620 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 62.3138, 48.7111, 54.2620

Background



This preview shows how black text looks on a background with the XYZ color 62.3138, 48.7111, 54.2620.



This preview shows how white text looks on a background with the XYZ color 62.3138, 48.7111,

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

62.3138, 48.7111, 54.2620

Protanopia

48.0180, 49.2214, 65.3624

Deuteranopia

49.9801, 48.9827, 52.7193



Tritanopia

60.2568, 48.6192, 44.7366

Trichromacy



Original Color

62.3138, 48.7111, 54.2620



Protanomaly

51.8559, 47.9975, 61.1749



Deuteranomaly

53.8573, 48.3590, 52.9500



Tritanomaly

61.1358, 48.7389, 48.3048

Monochromacy



Original Color

62.3138, 48.7111, 54.2620



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

52.3480, 49.2645, 54.8941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3138, 48.7111, 54.2620 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, 156, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 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(255, 156, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 189) }
```

Border

The CSS property to change the border of an element to XYZ 62.3138, 48.7111, 54.2620 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, 156, 189) }
```


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

```
.border{ border-color:rgb(255, 156, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 156, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 156, 189); box-shadow:4px 4px 4px 4px rgb(255, 156, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3138, 48.7111, 54.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 189) }
```

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

```
.background{ background-color: rgb(255,  
156, 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](#).

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