

Converting Colors

XYZ(81.1466, 59.1063, 50.3498)

Have a look what the booklet for
XYZ(81.1466, 59.1063, 50.3498)
contains.

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Color

**XYZ(61.7051, 49.0090,
49.3875)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EB4
RGB	255, 158, 180
RGB Percent	100%, 62%, 71%
CMY	0.0000, 0.3804, 0.2941
CMYK	0.00, 0.38, 0.29, 0.00
HSL	346°, 100%, 81%
HSV	346°, 38%, 100%
XYZ	61.7051, 49.0090, 49.3875
YIQ	189.5110, 50.7500, 27.4060

Conversions

Conversions Part 2

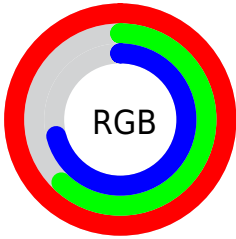
Format	Color
R _Y B	255, 158, 180
Decimal	16752308
CIE Lab	75.46, 38.73, 4.02
CIE LCh	75, 38.940, 5.921
Yxy	49.0090, 0.3854, 0.3061
Android (android.graphics.Color)	4294942388 (0xFFFF9EB4)
YUV	189.5110, -4.6889, 57.4339
Hunter-Lab	70.0064, 34.8223, 7.1771

Details

The XYZ color **61.7051, 49.0090, 49.3875** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.5706, 84.6733, 90.0353**, and the grayscale version is **48.6693, 51.2039, 55.7611**.

A 20% lighter version of the original color is **80.4269, 75.4093, 89.6734**, and **31.6473, 23.3712, 22.9218** is the 20% darker color. If you saturate the color by 10%, you get **55.9301, 40.4483, 38.2474**, and if you desaturate by 10%, it is **68.6706, 59.4933, 62.3354**.

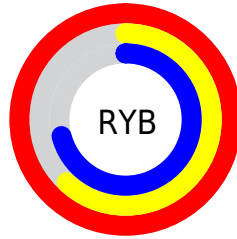
Distribution



Red (100%)

Green (62%)

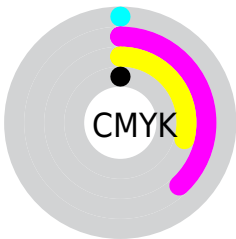
Blue (71%)



Red (100%)

Yellow (62%)

Blue (71%)

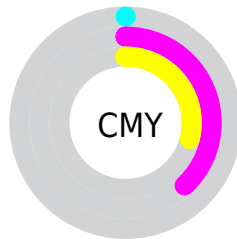


Cyan (0%)

Magenta (38%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7051, 49.0090, 49.3875 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 61.7051, 49.0090, 49.3875 by changing the saturation by 10% instead.


 61.7051, 49.0090,
49.3875


 61.7051, 49.0090,
49.3875


420.5893,
382.7777, 400.9321

 45.0492, 34.6266,
34.5592


 106.3915, 88.7048,
90.6536

 31.6976, 23.3754,
23.0427


 135.1528,
114.7870, 117.9286

 21.2850, 14.8709,
14.4194


168.6798,
145.5380, 150.1894

 13.4462, 8.7289,
8.2709

207.3379,
181.3421, 187.8548

 7.8156, 4.5648,
4.1785

251.4926,
222.5837, 231.3432

 4.0280, 1.9942,
1.7238

301.5092,

 1.7180, 0.6041,

269.6473, 281.0732

0.3770

357.7529,
322.9172, 337.4633

■ 0.4675, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7051, 49.0090,
49.3875

■ 61.7051, 49.0090,
49.3875

■ 55.9301, 40.4483,
38.2474

■ 68.6706, 59.4933,
62.3354

■ 51.2739, 33.6870,
28.8301

■ 76.8858, 72.0016,
77.1647

■ 47.6621, 28.5972,
21.0482

■ 86.4100, 86.6356,
93.9485

■ 45.0099, 25.0311,
14.8048

95.0500, 100.0000,
108.9000

■ 43.2180, 22.8147,
9.9919

■ 42.1555, 21.7132,
6.4830

■ 41.9993, 21.5637,
5.9282

Harmonies

Analogous

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



60.3551, 49.0090, 71.1718



61.7051, 49.0090, 49.3875



58.6785, 49.0090, 33.3674

Triad

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



61.7051, 49.0090, 49.3875



38.9435, 49.0090, 27.3230



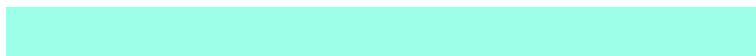
41.1735, 49.0090, 98.2049

Complementary

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



61.7051, 49.0090, 49.3875



64.5706, 84.6733, 90.0353

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.



36.2732, 49.0090, 80.0777



61.7051, 49.0090, 49.3875



35.0812, 49.0090, 38.8034

Square

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



61.7051, 49.0090, 49.3875



45.1721, 49.0090, 22.9080



34.1561, 49.0090, 57.5452



48.0201, 49.0090, 103.1347

Rectangle

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



61.7051, 49.0090, 49.3875



54.7525, 49.0090, 26.8592



34.1561, 49.0090, 57.5452



39.2669, 49.0090, 93.2606

Sweetspot

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



61.7063, 49.0113, 49.3885



83.4478, 82.0718, 88.7670



63.6764, 48.8935, 100.6890



17.5796, 17.1336, 18.5049



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.



61.7063, 49.0113, 49.3885



57.0134, 42.0422, 40.3738



64.5259, 57.9565, 40.1366



18.1780, 18.0545, 19.5548



21.9916, 11.2859, 3.3404



2.1805, 1.1146, 0.5321

Inverse Universe

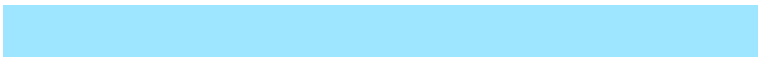
The Inverse Universe completely reimagines the original color for something new.



61.7063, 49.0113, 49.3885



57.0134, 42.0422, 40.3738



60.2086, 70.6032, 105.0622



18.1780, 18.0545, 19.5548



21.9916, 11.2859, 3.3404



2.1805, 1.1146, 0.5321

Previews

White Background



This preview shows how the XYZ color 61.7051, 49.0090, 49.3875 looks on a white background.

Color Contrast Check

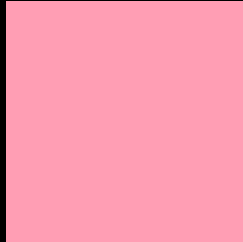
Large Text (above 18pt) WCAG AA × Fail

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 61.7051, 49.0090, 49.3875 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 61.7051, 49.0090, 49.3875

Background



This preview shows how black text looks on a background with the XYZ color 61.7051, 49.0090, 49.3875.



This preview shows how white text looks on a background with the XYZ color 61.7051, 49.0090,

49.3875.

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

61.7051, 49.0090, 49.3875

Protanopia

47.8063, 49.2482, 59.2108

Deuteranopia

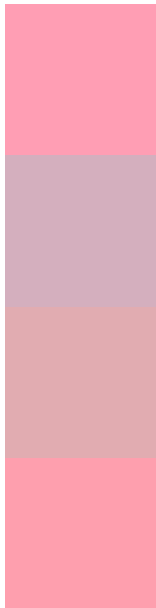
50.1702, 49.1870, 47.9241



Tritanopia

60.6219, 48.8074, 44.7537

Trichromacy



Original Color

61.7051, 49.0090, 49.3875

Protanomaly

51.7756, 48.3747, 55.3236

Deuteranomaly

53.7397, 48.6869, 48.1601

Tritanomaly

60.9112, 48.9231, 46.2771

Monochromacy



Original Color

61.7051, 49.0090, 49.3875

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

52.5149, 49.6821, 53.2761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7051, 49.0090, 49.3875 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, 158, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 180)  
}
```

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, 158, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 180) }
```

Border

The CSS property to change the border of an element to XYZ 61.7051, 49.0090, 49.3875 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, 158, 180) }
```


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

```
.border{ border-color:rgb(255, 158, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 158, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 158, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 158,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7051, 49.0090, 49.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 180) }
```

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

```
.background{ background-color: rgb(255,  
158, 180) }
```

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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