

Converting Colors

XYZ(61.1378, 49.0580, 45.5494)

Have a look what the booklet for
XYZ(61.1378, 49.0580, 45.5494)
contains.

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Color

**XYZ(61.1810, 49.0734,
45.7827)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9FAD
RGB	255, 159, 173
RGB Percent	100%, 62%, 68%
CMY	0.0000, 0.3764, 0.3216
CMYK	0.00, 0.38, 0.32, 0.00
HSL	351°, 100%, 81%
HSV	351°, 38%, 100%
XYZ	61.1810, 49.0734, 45.7827
YIQ	189.3000, 52.7220, 24.7060

Conversions

Conversions Part 2

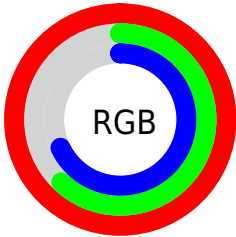
Format	Color
R_{YB}	255, 159, 173
Decimal	16752557
CIE _{Lab}	75.50, 37.33, 7.92
CIE _{LCh}	75, 38.161, 11.977
Yxy	49.0734, 0.3921, 0.3145
Android (android.graphics.Color)	4294942637 (0xFFFF9FAD)
YUV	189.3000, -8.0359, 57.6189
Hunter-Lab	70.0524, 33.3031, 10.2878

Details

The XYZ color **61.1810, 49.0734, 45.7827** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9374, 85.2428, 96.2016**, and the grayscale version is **48.5661, 51.0953, 55.6428**.

A 20% lighter version of the original color is **79.5440, 75.4623, 83.7720**, and **31.3702, 23.4243, 20.9571** is the 20% darker color. If you saturate the color by 10%, you get **55.3008, 40.4156, 34.2577**, and if you desaturate by 10%, it is **68.3118, 59.6822, 59.4210**.

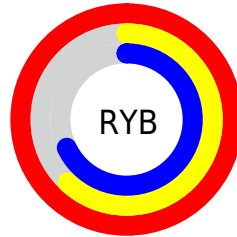
Distribution



Red (100%)

Green (62%)

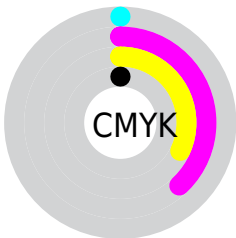
Blue (68%)



Red (100%)

Yellow (62%)

Blue (68%)

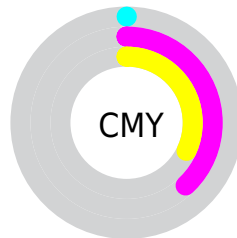


Cyan (0%)

Magenta (38%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1810, 49.0734, 45.7827 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 61.1810, 49.0734, 45.7827 by changing the saturation by 10% instead.


 61.1810, 49.0734,
45.7827


 61.1810, 49.0734,
45.7827


418.7027,
383.0312, 386.1865

 44.6244, 34.6777,
31.7270

 105.6376, 88.8005,
85.2246

 31.3617, 23.4147,
20.8899


 134.2683,
114.9006, 111.4477

 21.0276, 14.9000,
12.8531


167.6543,
145.6711, 142.5638

 13.2567, 8.7493,
7.1979

206.1611,
181.4962, 178.9913

 7.6838, 4.5780,
3.5059

250.1539,
222.7603, 221.1488

 3.9434, 2.0019,
1.3584

299.9983,

 1.6702, 0.6085,

269.8480, 269.4548

0.1089

356.0594,
323.1435, 324.3279

■ 0.4375, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1810, 49.0734,
45.7827

■ 61.1810, 49.0734,
45.7827

■ 55.3008, 40.4156,
34.2577

■ 68.3118, 59.6822,
59.4210

■ 50.5948, 33.5831,
24.7368

■ 76.7562, 72.3437,
75.2683

■ 46.9840, 28.4466,
17.1054

■ 86.5775, 87.1607,
93.4182

■ 44.3780, 24.8567,
11.2358

95.0500, 100.0000,
108.9000

■ 42.6713, 22.6378,
6.9843

■ 41.7286, 21.5598,
4.1815

■ 41.5767, 21.3947,
3.7030

Harmonies

Analogous

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



60.7392, 49.0734, 66.3502



61.1810, 49.0734, 45.7827



57.4498, 49.0734, 31.4672

Triad

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



61.1810, 49.0734, 45.7827



38.1604, 49.0734, 29.4789



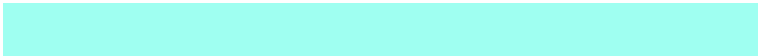
42.5779, 49.0734, 99.4394

Complementary

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



61.1810, 49.0734, 45.7827



65.9374, 85.2428, 96.2016

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.



37.2839, 49.0734, 83.7903



61.1810, 49.0734, 45.7827



34.9158, 49.0734, 42.3108

Square

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



61.1810, 49.0734, 45.7827



43.8890, 49.0734, 23.7683



34.6120, 49.0734, 61.8904



49.5094, 49.0734, 101.0494

Rectangle

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



61.1810, 49.0734, 45.7827



53.2976, 49.0734, 25.9914



34.6120, 49.0734, 61.8904



40.5664, 49.0734, 95.4932

Sweetspot

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



61.1822, 49.0757, 45.7837



83.1248, 81.9426, 87.0658



66.5888, 50.6492, 100.8744



17.5032, 17.1030, 18.1024



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.



61.1822, 49.0757, 45.7837



56.7387, 42.5229, 37.1062



66.4812, 61.7286, 41.2148



18.1172, 18.0302, 19.2346



21.7570, 11.1921, 2.1048



2.1490, 1.1020, 0.3663

Inverse Universe

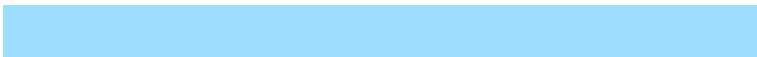
The Inverse Universe completely reimagines the original color for something new.



61.1822, 49.0757, 45.7837



56.7387, 42.5229, 37.1062



58.3122, 66.5172, 104.3735



18.1172, 18.0302, 19.2346



21.7570, 11.1921, 2.1048



2.1490, 1.1020, 0.3663

Previews

White Background



This preview shows how the XYZ color 61.1810, 49.0734, 45.7827 looks on a white background.

Color Contrast Check

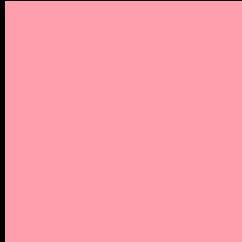
Large Text (above 18pt) WCAG AA × Fail

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 61.1810, 49.0734, 45.7827 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 61.1810, 49.0734, 45.7827

Background



This preview shows how black text looks on a background with the XYZ color 61.1810, 49.0734, 45.7827.



This preview shows how white text looks on a background with the XYZ color 61.1810, 49.0734,

45.7827.

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

61.1810, 49.0734, 45.7827

Protanopia

47.4123, 49.1476, 54.5645

Deuteranopia

50.3467, 49.3560, 44.4092



Tritanopia

60.9888, 48.9965, 44.7709

Trichromacy



Original Color

61.1810, 49.0734, 45.7827



Protanomaly

51.5131, 48.6157, 51.4685



Deuteranomaly

53.6868, 48.7382, 44.6080



Tritanomaly

61.0845, 49.0348, 45.2749

Monochromacy



Original Color

61.1810, 49.0734, 45.7827



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.9082, 49.4058, 51.6002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1810, 49.0734, 45.7827 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, 159, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 173)  
}
```

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, 159, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 173) }
```

Border

The CSS property to change the border of an element to XYZ 61.1810, 49.0734, 45.7827 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, 159, 173) }
```


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

```
.border{ border-color:rgb(255, 159, 173) }
```

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

Here you see how a box with a 4 pixel rgb(255, 159, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1810, 49.0734, 45.7827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 173) }
```

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

```
.background{ background-color: rgb(255,  
159, 173) }
```

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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