

Converting Colors

XYZ(61.3366, 49.5927, 45.1933)

Have a look what the booklet for
XYZ(61.3366, 49.5927, 45.1933)
contains.

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Color

**XYZ(61.4313, 49.7283,
45.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1AC
RGB	255, 161, 172
RGB Percent	100%, 63%, 67%
CMY	0.0000, 0.3686, 0.3255
CMYK	0.00, 0.37, 0.33, 0.00
HSL	353°, 100%, 82%
HSV	353°, 37%, 100%
XYZ	61.4313, 49.7283, 45.3905
YIQ	190.3600, 52.4930, 23.3490

Conversions

Conversions Part 2

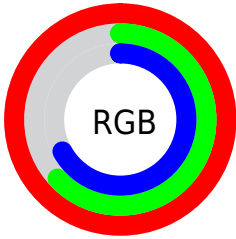
Format	Color
RYB	255, 161, 172
Decimal	16753068
CIELab	75.90, 36.17, 9.05
CIELCh	76, 37.286, 14.042
Yxy	49.7283, 0.3924, 0.3177
Android (android.graphics.Color)	4294943148 (0xFFFFA1AC)
YUV	190.3600, -9.0515, 56.6893
Hunter-Lab	70.5183, 32.0915, 11.1996

Details

The XYZ color **61.4313, 49.7283, 45.3905** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.7892, 85.6297, 98.6003**, and the grayscale version is **49.1816, 51.7429, 56.3480**.

A 20% lighter version of the original color is **79.9180, 76.4318, 83.2137**, and **31.5177, 23.8170, 20.7053** is the 20% darker color. If you saturate the color by 10%, you get **55.4384, 40.9151, 33.6123**, and if you desaturate by 10%, it is **68.7018, 60.5101, 59.4034**.

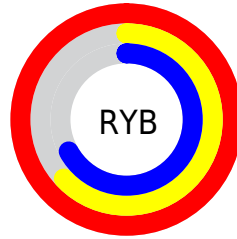
Distribution



Red (100%)

Green (63%)

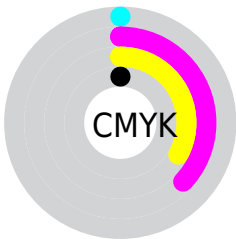
Blue (67%)



Red (100%)

Yellow (63%)

Blue (67%)

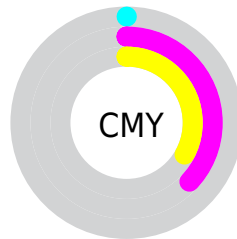


Cyan (0%)

Magenta (37%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4313, 49.7283, 45.3905 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 61.4313, 49.7283, 45.3905 by changing the saturation by 10% instead.


 61.4313, 49.7283,
45.3905


 61.4313, 49.7283,
45.3905


419.6043,
385.6025, 384.5589

 44.8272, 35.1976,
31.4199

 105.9978, 89.7722,
84.6307

 31.5220, 23.8151,
20.6577


 134.6908,
116.0541, 110.7375

 21.1505, 15.1965,
12.6852


168.1443,
147.0219, 141.7267

 13.3471, 8.9574,
7.0840

206.7234,
183.0599, 178.0170

 7.7466, 4.7134,
3.4354

250.7936,
224.5526, 220.0268

 3.9837, 2.0801,
1.3210

300.7203,

 1.6929, 0.6534,

271.8843, 268.1747

0.0789

356.8687,
325.4395, 322.8792

■ 0.4518, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4313, 49.7283,
45.3905

■ 61.4313, 49.7283,
45.3905

■ 55.4384, 40.9151,
33.6123

■ 68.7018, 60.5101,
59.4034

■ 50.6452, 33.9447,
23.9500

■ 77.3142, 73.3619,
75.7553

■ 46.9714, 28.6882,
16.2785

■ 87.3329, 88.3869,
94.5477

■ 44.3247, 24.9968,
10.4578

95.0500, 100.0000,
108.9000

■ 42.5983, 22.6961,
6.3300

■ 41.6592, 21.5667,
3.7090

■ 41.4721, 21.3529,
3.1525

Harmonies

Analogous

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



61.2939, 49.7283, 65.3488



61.4313, 49.7283, 45.3905



57.5229, 49.7283, 31.6828

Triad

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



61.4313, 49.7283, 45.3905



38.5807, 49.7283, 31.0551



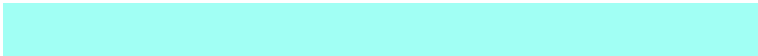
43.6901, 49.7283, 99.8382

Complementary

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



61.4313, 49.7283, 45.3905



66.7892, 85.6297, 98.6003

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.



38.3059, 49.7283, 85.3025



61.4313, 49.7283, 45.3905



35.5592, 49.7283, 44.3022

Square

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



61.4313, 49.7283, 45.3905



44.1002, 49.7283, 24.8851



35.4638, 49.7283, 63.9599



50.5782, 49.7283, 100.3362

Rectangle

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



61.4313, 49.7283, 45.3905



53.3511, 49.7283, 26.5366



35.4638, 49.7283, 63.9599



41.6608, 49.7283, 96.2975

Sweetspot

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



61.4325, 49.7307, 45.3915



83.0108, 81.8970, 86.4657



67.5747, 51.6722, 101.0199



17.4763, 17.0922, 17.9606



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.



61.4325, 49.7307, 45.3915



57.0268, 43.2427, 36.7599



67.2944, 63.0750, 42.3492



18.0958, 18.0216, 19.1215



21.6972, 11.1682, 1.7900



2.1390, 1.0980, 0.3133

Inverse Universe

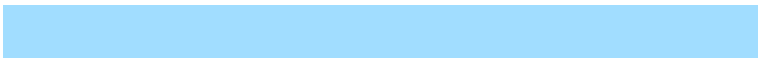
The Inverse Universe completely reimagines the original color for something new.



61.4325, 49.7307, 45.3915



57.0268, 43.2427, 36.7599



58.4833, 66.2659, 104.3159



18.0958, 18.0216, 19.1215



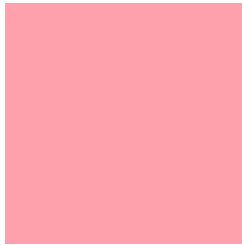
21.6972, 11.1682, 1.7900



2.1390, 1.0980, 0.3133

Previews

White Background



This preview shows how the XYZ color 61.4313, 49.7283, 45.3905 looks on a white background.

Color Contrast Check

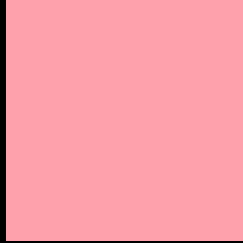
Large Text (above 18pt) WCAG AA × Fail

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 61.4313, 49.7283, 45.3905 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 61.4313, 49.7283, 45.3905

Background



This preview shows how black text looks on a background with the XYZ color 61.4313, 49.7283, 45.3905.



This preview shows how white text looks on a background with the XYZ color 61.4313, 49.7283,

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

61.4313, 49.7283, 45.3905

Protanopia

48.1191, 50.1622, 53.6005

Deuteranopia

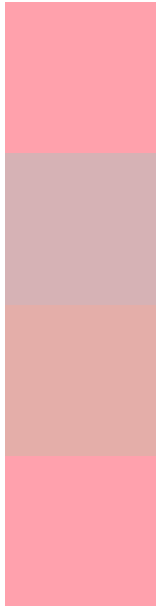
51.0323, 50.0210, 44.0111



Tritanopia

61.5277, 49.7669, 45.8983

Trichromacy



Original Color

61.4313, 49.7283, 45.3905

Protanomaly

51.9924, 49.4731, 50.5250

Deuteranomaly

54.2924, 49.6307, 44.2543

Tritanomaly

61.5277, 49.7669, 45.8983

Monochromacy



Original Color

61.4313, 49.7283, 45.3905

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

52.3989, 49.9552, 51.6804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4313, 49.7283, 45.3905 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, 161, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 172)  
}
```

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, 161, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 172) }
```

Border

The CSS property to change the border of an element to XYZ 61.4313, 49.7283, 45.3905 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, 161, 172) }
```


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

```
.border{ border-color:rgb(255, 161, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4313, 49.7283, 45.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 172) }
```

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

```
.background{ background-color: rgb(255,  
161, 172) }
```

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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