

Converting Colors

XYZ(66.6498, 52.5471, 44.1191)

Have a look what the booklet for
XYZ(66.6498, 52.5471, 44.1191)
contains.

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Color

**XYZ(61.1463, 49.6143,
43.8899)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1A9
RGB	255, 161, 169
RGB Percent	100%, 63%, 66%
CMY	0.0000, 0.3686, 0.3373
CMYK	0.00, 0.37, 0.34, 0.00
HSL	355°, 100%, 82%
HSV	355°, 37%, 100%
XYZ	61.1463, 49.6143, 43.8899
YIQ	190.0180, 53.4560, 22.4160

Conversions

Conversions Part 2

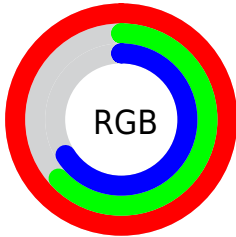
Format	Color
R_{YB}	255, 161, 169
Decimal	16753065
CIE _{Lab}	75.83, 35.81, 10.59
CIE _{LCh}	76, 37.339, 16.478
Yxy	49.6143, 0.3954, 0.3208
Android (android.graphics.Color)	4294943145 (0xFFFFA1A9)
YUV	190.0180, -10.3619, 56.9892
Hunter-Lab	70.4374, 31.6893, 12.3623

Details

The XYZ color **61.1463, 49.6143, 43.8899** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.2486, 85.8135, 101.0194**, and the grayscale version is **48.9913, 51.5427, 56.1300**.

A 20% lighter version of the original color is **79.5074, 76.2675, 81.0516**, and **31.3384, 23.7452, 19.7612** is the 20% darker color. If you saturate the color by 10%, you get **55.1375, 40.7947, 32.0279**, and if you desaturate by 10%, it is **68.4571, 60.4122, 58.1151**.

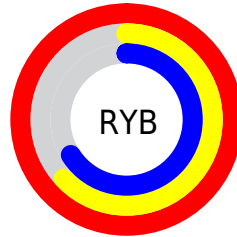
Distribution



Red (100%)

Green (63%)

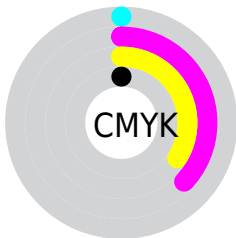
Blue (66%)



Red (100%)

Yellow (63%)

Blue (66%)

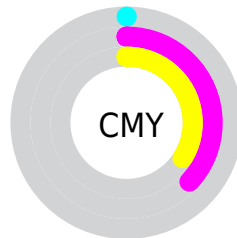


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1463, 49.6143, 43.8899 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 61.1463, 49.6143, 43.8899 by changing the saturation by 10% instead.


 61.1463, 49.6143,
43.8899


 61.1463, 49.6143,
43.8899


418.5776,
385.1557, 378.2870

 44.5962, 35.1070,
30.2474


 105.5877, 89.6031,
82.3528

 31.3394, 23.7453,
19.7728


 134.2097,
115.8535, 108.0102

 21.0106, 15.1448,
12.0476

167.5863,
146.7870, 138.5097

 13.2442, 8.9211,
6.6531

206.0831,
182.7881, 174.2698

 7.6751, 4.6897,
3.1710

250.0652,
224.2411, 215.7090

 3.9378, 2.0664,
1.1826

299.8981,

 1.6670, 0.6456,

271.5304, 263.2459

0.0000

355.9471,
325.0405, 317.2991

■ 0.4355, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1463, 49.6143,
43.8899

■ 61.1463, 49.6143,
43.8899

■ 55.1375, 40.7947,
32.0279

■ 68.4571, 60.4122,
58.1151

■ 50.3506, 33.8269,
22.3981

■ 77.1363, 73.2908,
74.8189

■ 46.7023, 28.5806,
14.8615

■ 87.2503, 88.3539,
94.1126

■ 44.0976, 24.9059,
9.2618

95.0500, 100.0000,
108.9000

■ 42.4257, 22.6271,
5.4212

■ 41.5489, 21.5226,
3.1277

■ 41.3818, 21.3167,
2.6769

Harmonies

Analogous

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



61.3584, 49.6143, 63.4599



61.1463, 49.6143, 43.8899



56.9566, 49.6143, 30.7774

Triad

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



61.1463, 49.6143, 43.8899



38.1271, 49.6143, 31.7453



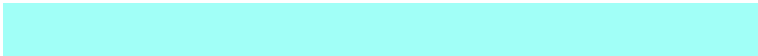
44.1049, 49.6143, 100.3527

Complementary

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



61.1463, 49.6143, 43.8899



67.2486, 85.8135, 101.0194

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.



38.5511, 49.6143, 86.7435



61.1463, 49.6143, 43.8899



35.3355, 49.6143, 45.5688

Square

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



61.1463, 49.6143, 43.8899



43.4721, 49.6143, 25.0353



35.4826, 49.6143, 65.6034



51.0443, 49.6143, 99.5837

Rectangle

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



61.1463, 49.6143, 43.8899



52.6860, 49.6143, 26.0095



35.4826, 49.6143, 65.6034



42.0288, 49.6143, 97.1884

Sweetspot

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



61.1476, 49.6167, 43.8909



82.8852, 81.8467, 85.8043



68.6621, 52.2328, 101.0708



17.4466, 17.0804, 17.8044



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.



61.1476, 49.6167, 43.8909



56.7281, 43.1232, 35.1870



68.0060, 64.4983, 42.5864



18.0721, 18.0121, 18.9967



21.6443, 11.1470, 1.5115



2.1278, 1.0935, 0.2546

Inverse Universe

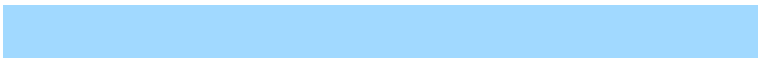
The Inverse Universe completely reimagines the original color for something new.



61.1476, 49.6167, 43.8909



56.7281, 43.1232, 35.1870



57.6661, 64.6313, 104.0435



18.0721, 18.0121, 18.9967



21.6443, 11.1470, 1.5115



2.1278, 1.0935, 0.2546

Previews

White Background



This preview shows how the XYZ color 61.1463, 49.6143, 43.8899 looks on a white background.

Color Contrast Check

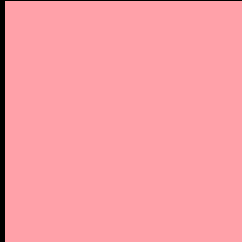
Large Text (above 18pt) WCAG AA × Fail

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 61.1463, 49.6143, 43.8899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

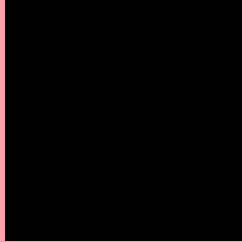
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1463, 49.6143, 43.8899

Background



This preview shows how black text looks on a background with the XYZ color 61.1463, 49.6143, 43.8899.



This preview shows how white text looks on a background with the XYZ color 61.1463, 49.6143,

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

61.1463, 49.6143, 43.8899

Protanopia

48.0558, 50.1660, 51.9499

Deuteranopia

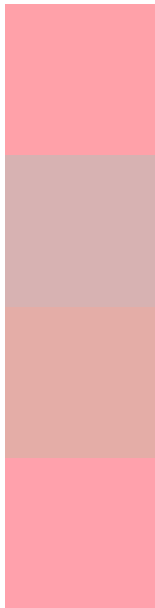
50.6448, 49.5418, 42.9697



Tritanopia

61.5277, 49.7669, 45.8983

Trichromacy



Original Color

61.1463, 49.6143, 43.8899

Protanomaly

51.9806, 49.5022, 48.9347

Deuteranomaly

53.9135, 49.1711, 43.2086

Tritanomaly

61.4313, 49.7283, 45.3905

Monochromacy



Original Color

61.1463, 49.6143, 43.8899

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

52.2952, 49.9137, 51.1340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1463, 49.6143, 43.8899 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 169) }
```

Border

The CSS property to change the border of an element to XYZ 61.1463, 49.6143, 43.8899 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, 169) }
```


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

```
.border{ border-color:rgb(255, 161, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1463, 49.6143, 43.8899 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
161, 169) }
```

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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