

Converting Colors

XYZ(61.5300, 49.8388, 54.5210)

Have a look what the booklet for
XYZ(61.5300, 49.8388, 54.5210)
contains.

XYZ(61.5300, 49.8388, 54.5210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.5300, 49.8388,
54.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA2BD
RGB	250, 162, 189
RGB Percent	98%, 64%, 74%
CMY	0.0196, 0.3647, 0.2588
CMYK	0.00, 0.35, 0.24, 0.02
HSL	342°, 90%, 81%
HSV	342°, 35%, 98%
XYZ	61.5300, 49.8388, 54.5210
YIQ	191.3900, 43.7810, 27.0530

Conversions

Conversions Part 2

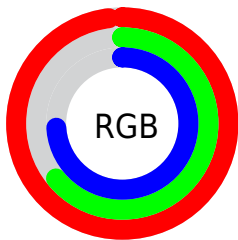
Format	Color
R _Y B	250, 162, 189
Decimal	16425661
CIE Lab	75.97, 36.11, -0.25
CIE LCh	76, 36.111, 359.606
Yxy	49.8388, 0.3709, 0.3004
Android (android.graphics.Color)	4294615741 (0xFFFAA2BD)
YUV	191.3900, -1.1783, 51.4010
Hunter-Lab	70.5966, 32.0315, 3.6286

Details

The XYZ color **61.5300, 49.8388, 54.5210** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.4074, 81.3816, 82.2351**, and the grayscale version is **49.7377, 52.3280, 56.9851**.

A 20% lighter version of the original color is **82.7928, 77.9954, 97.0772**, and **31.6508, 23.9213, 26.2416** is the 20% darker color. If you saturate the color by 10%, you get **55.7859, 41.1831, 43.8729**, and if you desaturate by 10%, it is **68.3771, 60.3398, 66.6469**.

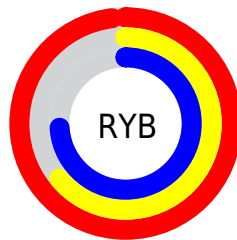
Distribution



Red (98%)

Green (64%)

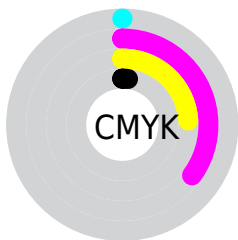
Blue (74%)



Red (98%)

Yellow (64%)

Blue (74%)

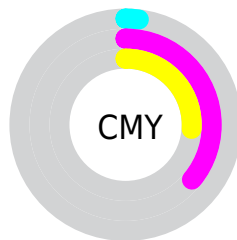


Cyan (0%)

Magenta (35%)

Yellow (24%)

Black (2%)



Cyan (2%)


Magenta (36%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5300, 49.8388, 54.5210 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 61.5300, 49.8388, 54.5210 by changing the saturation by 10% instead.


 61.5300, 49.8388,
54.5210

 61.5300, 49.8388,
54.5210


419.9595,
386.0352, 421.3243

 44.9072, 35.2853,
38.6223

 106.1397, 89.9360,
98.3029

 31.5853, 23.8828,
26.1605


 134.8574,
116.2485, 127.0232

 21.1990, 15.2467,
16.7169

168.3374,
147.2495, 160.8545

 13.3828, 8.9927,
9.8730

206.9450,
183.3233, 200.2153

 7.7715, 4.7364,
5.2104

251.0457,
224.8544, 245.5241

 3.9996, 2.0934,
2.3103

301.0048,

 1.7019, 0.6609,

272.2272, 297.1995

0.7370

357.1876,
325.8260, 355.6601

■ 0.4575, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5300, 49.8388,
54.5210

■ 61.5300, 49.8388,
54.5210

■ 55.7859, 41.1831,
43.8729

■ 68.3771, 60.3398,
66.6469

■ 51.0805, 34.2583,
34.6408

■ 76.3784, 72.7778,
80.3030

■ 47.3492, 28.9479,
26.7624

■ 85.5867, 87.2467,
95.5428

■ 44.5182, 25.1183,
20.1692

■ 93.2345, 99.0641,
108.8150

■ 42.5019, 22.6138,
14.7859

■ 41.1965, 21.2433,
10.5271

■ 40.7533, 20.8556,
8.8424

Harmonies

Analogous

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



59.4367, 49.8388, 75.2670



61.5300, 49.8388, 54.5210



59.5402, 49.8388, 37.9334

Triad

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



61.5300, 49.8388, 54.5210



41.2584, 49.8388, 27.9935



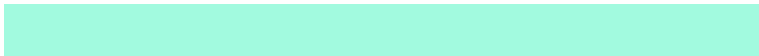
41.1181, 49.8388, 92.9377

Complementary

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



61.5300, 49.8388, 54.5210



62.4074, 81.3816, 82.2351

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.



36.9832, 49.8388, 74.7199



61.5300, 49.8388, 54.5210



37.0586, 49.8388, 37.5871

Square

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



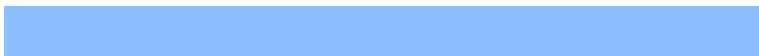
61.5300, 49.8388, 54.5210



47.4592, 49.8388, 24.9946



35.5688, 49.8388, 54.0118



47.2814, 49.8388, 100.4221

Rectangle

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



61.5300, 49.8388, 54.5210



56.2641, 49.8388, 30.6443



35.5688, 49.8388, 54.0118



39.4669, 49.8388, 87.6822

Sweetspot

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



61.5314, 49.8412, 54.5220



83.7712, 82.2011, 90.4696



60.3426, 48.2961, 96.5845



17.6563, 17.1642, 18.9084



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.



61.5314, 49.8412, 54.5220



60.1297, 45.7346, 49.2434



61.8947, 54.8289, 41.5062



17.4638, 17.3129, 19.0323



21.6728, 11.0849, 4.9855



2.0524, 1.0447, 0.6995

Inverse Universe

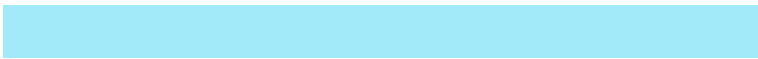
The Inverse Universe completely reimagines the original color for something new.



61.5314, 49.8412, 54.5220



60.1297, 45.7346, 49.2434



61.5423, 73.3548, 101.3581



17.4638, 17.3129, 19.0323



21.6728, 11.0849, 4.9855



2.0524, 1.0447, 0.6995

Previews

White Background



This preview shows how the XYZ color 61.5300, 49.8388, 54.5210 looks on a white background.

Color Contrast Check

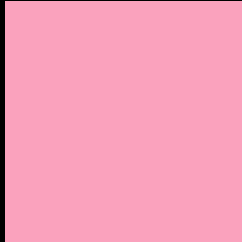
Large Text (above 18pt) WCAG AA × Fail

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 61.5300, 49.8388, 54.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

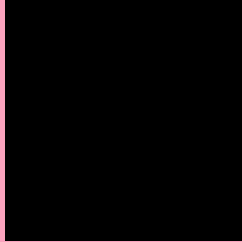
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5300, 49.8388, 54.5210

Background



This preview shows how black text looks on a background with the XYZ color 61.5300, 49.8388, 54.5210.



This preview shows how white text looks on a background with the XYZ color 61.5300, 49.8388,

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

61.5300, 49.8388, 54.5210

Protanopia

48.7077, 49.9165, 64.1944

Deuteranopia

51.2170, 50.2241, 52.8937



Tritanopia

60.2782, 49.8650, 48.0429

Trichromacy



Original Color

61.5300, 49.8388, 54.5210



Protanomaly

52.3254, 49.1231, 60.7567



Deuteranomaly

54.6243, 49.8931, 53.2057



Tritanomaly

60.5046, 49.6703, 50.1145

Monochromacy



Original Color

61.5300, 49.8388, 54.5210



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.7669, 50.3573, 55.6540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5300, 49.8388, 54.5210 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(250, 162, 189)` looks like.

```
.text, #text, p{  
    color:rgb(250, 162, 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(250, 162, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 162, 189) }
```

Border

The CSS property to change the border of an element to XYZ 61.5300, 49.8388, 54.5210 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(250, 162, 189) }
```


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

```
.border{ border-color:rgb(250, 162, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 162, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 162, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 162, 189);  
box-shadow:4px 4px 4px 4px rgb(250, 162,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5300, 49.8388, 54.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 162, 189) }
```

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

```
.background{ background-color: rgb(250,  
162, 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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