

Converting Colors

XYZ(64.9408, 51.9810, 61.2542)

Have a look what the booklet for
XYZ(64.9408, 51.9810, 61.2542)
contains.

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Color

**XYZ(64.9408, 51.9810,
61.2542)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4C8
RGB	255, 164, 200
RGB Percent	100%, 64%, 78%
CMY	0.0000, 0.3568, 0.2157
CMYK	0.00, 0.36, 0.22, 0.00
HSL	336°, 100%, 82%
HSV	336°, 36%, 100%
XYZ	64.9408, 51.9810, 61.2542
YIQ	195.3130, 42.6800, 30.4880

Conversions

Conversions Part 2

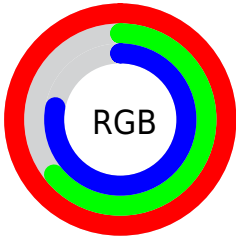
Format	Color
R _Y B	255, 164, 200
Decimal	16753864
CIE Lab	77.27, 38.36, -4.29
CIE LCh	77, 38.598, 353.613
Yxy	51.9810, 0.3645, 0.2917
Android (android.graphics.Color)	4294943944 (0xFFFFA4C8)
YUV	195.3130, 2.3107, 52.3455
Hunter-Lab	72.0979, 34.6093, 0.0958

Details

The XYZ color **64.9408, 51.9810, 61.2542** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.8580, 84.5279, 79.9712**, and the grayscale version is **52.0283, 54.7379, 59.6095**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **33.8987, 25.3145, 30.2937** is the 20% darker color. If you saturate the color by 10%, you get **59.1148, 43.0680, 50.8687**, and if you desaturate by 10%, it is **71.8657, 62.8010, 72.9033**.

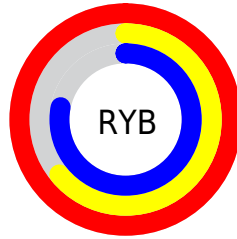
Distribution



Red (100%)

Green (64%)

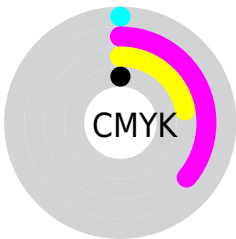
Blue (78%)



Red (100%)

Yellow (64%)

Blue (78%)

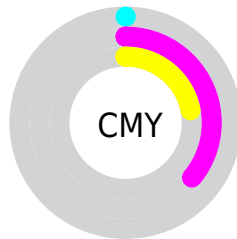


Cyan (0%)

Magenta (36%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.9408, 51.9810, 61.2542 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 64.9408, 51.9810, 61.2542 by changing the saturation by 10% instead.


 64.9408, 51.9810,
61.2542


 64.9408, 51.9810,
61.2542


432.1278,
394.3633, 447.1378

 47.6776, 36.9899,
43.9985


 111.0309, 93.1032,
108.2080

 33.7818, 25.1997,
30.3321


 140.5886,
120.0032, 138.7432

 22.8881, 16.2259,
19.8366


174.9750,
151.6415, 174.5419

 14.6312, 9.6841,
12.0934

214.5558,
188.4027, 216.0227

 8.6456, 5.1900,
6.6840

259.6960,
230.6710, 263.6042

 4.5660, 2.3592,
3.1899


310.7612,


 2.0270, 0.8048,


278.8310, 317.7048


1.1924


368.1167,
333.2669, 378.7432


 0.6491, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 64.9408, 51.9810,
61.2542

 64.9408, 51.9810,
61.2542


 59.1148, 43.0680,
50.8687


 71.8657, 62.8010,
72.9033

 54.3237, 35.9428,
41.6970

 79.9414, 75.6238,
85.8566

 50.5023, 30.4838,
33.6905

 89.2207, 90.5472,
100.1566

 47.5758, 26.5511,
26.7951

95.0500, 100.0000,
108.9000

■ 45.4575, 23.9811,
20.9512

■ 44.0413, 22.5721,
16.0906

■ 43.5827, 22.1971,
14.2664

Harmonies

Analogous

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



61.7706, 51.9810, 84.3817



64.9408, 51.9810, 61.2542



63.6260, 51.9810, 41.7929

Triad

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



64.9408, 51.9810, 61.2542



43.9226, 51.9810, 26.8665



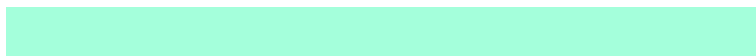
41.4361, 51.9810, 96.1554

Complementary

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



64.9408, 51.9810, 61.2542



63.8580, 84.5279, 79.9712

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.



37.4808, 51.9810, 74.5431



64.9408, 51.9810, 61.2542



38.8131, 51.9810, 35.7004

Square

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



64.9408, 51.9810, 61.2542



51.0064, 51.9810, 24.9894



36.5707, 51.9810, 52.1848



47.8402, 51.9810, 107.5298

Rectangle

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



64.9408, 51.9810, 61.2542



60.4422, 51.9810, 32.8838



36.5707, 51.9810, 52.1848



39.8029, 51.9810, 89.6220

Sweetspot

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



64.9420, 51.9833, 61.2552



84.1348, 82.3466, 92.3844



60.4205, 48.7716, 100.8371



17.7426, 17.1987, 19.3630



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.



64.9420, 51.9833, 61.2552



60.5744, 45.2801, 53.5350



62.9052, 53.8682, 42.2070



18.3070, 18.1061, 20.2336



22.8413, 11.6258, 7.8147



2.2760, 1.1528, 1.0346

Inverse Universe

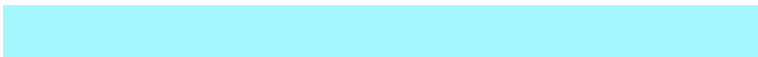
The Inverse Universe completely reimagines the original color for something new.



64.9420, 51.9833, 61.2552



60.5744, 45.2801, 53.5350



66.2867, 80.9643, 106.7417



18.3070, 18.1061, 20.2336



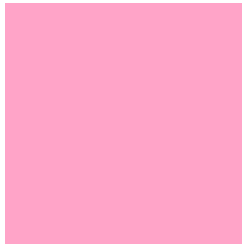
22.8413, 11.6258, 7.8147



2.2760, 1.1528, 1.0346

Previews

White Background



This preview shows how the XYZ color 64.9408, 51.9810, 61.2542 looks on a white background.

Color Contrast Check

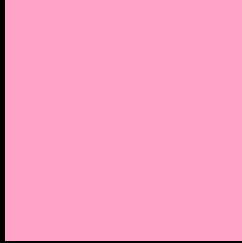
Large Text (above 18pt) WCAG AA × Fail

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 64.9408, 51.9810, 61.2542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

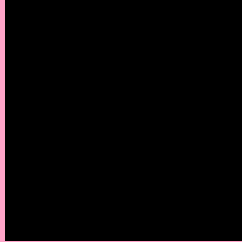
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9408, 51.9810, 61.2542

Background



This preview shows how black text looks on a background with the XYZ color 64.9408, 51.9810, 61.2542.



This preview shows how white text looks on a background with the XYZ color 64.9408, 51.9810,

61.2542.

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

64.9408, 51.9810, 61.2542

Protanopia

51.3016, 52.3496, 72.3663

Deuteranopia

53.0449, 51.9488, 59.4559



Tritanopia

62.5649, 51.8154, 49.8839

Trichromacy



Original Color

64.9408, 51.9810, 61.2542



Protanomaly

55.3081, 51.6979, 68.0364



Deuteranomaly

56.5407, 51.3228, 59.7496



Tritanomaly

63.4789, 51.9311, 53.6917

Monochromacy



Original Color

64.9408, 51.9810, 61.2542



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.8338, 53.0639, 60.1229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9408, 51.9810, 61.2542 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, 164, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 200)  
}
```

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, 164, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 200) }
```

Border

The CSS property to change the border of an element to XYZ 64.9408, 51.9810, 61.2542 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, 164, 200) }
```


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

```
.border{ border-color:rgb(255, 164, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9408, 51.9810, 61.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 200) }
```

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

```
.background{ background-color: rgb(255,  
164, 200) }
```

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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