

Converting Colors

XYZ(64.3452, 50.7967, 61.0347)

Have a look what the booklet for
XYZ(64.3452, 50.7967, 61.0347)
contains.

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Color

**XYZ(64.4102, 50.9199,
61.0773)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA1C8
RGB	255, 161, 200
RGB Percent	100%, 63%, 78%
CMY	0.0000, 0.3686, 0.2157
CMYK	0.00, 0.37, 0.22, 0.00
HSL	335°, 100%, 82%
HSV	335°, 37%, 100%
XYZ	64.4102, 50.9199, 61.0773
YIQ	193.5520, 43.5050, 32.0570

Conversions

Conversions Part 2

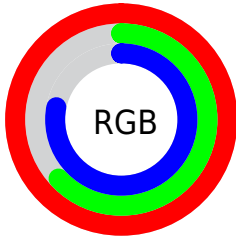
Format	Color
R _Y B	255, 161, 200
Decimal	16753096
CIE Lab	76.63, 39.91, -5.24
CIE LCh	77, 40.252, 352.525
Yxy	50.9199, 0.3651, 0.2886
Android (android.graphics.Color)	4294943176 (0xFFFFA1C8)
YUV	193.5520, 3.1789, 53.8899
Hunter-Lab	71.3582, 36.2431, -0.7971

Details

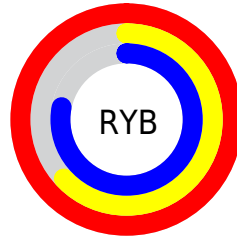
The XYZ color **64.4102, 50.9199, 61.0773** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.8546, 84.0559, 77.8811**, and the grayscale version is **50.9787, 53.6335, 58.4069**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **33.5768, 24.6708, 30.1864** is the 20% darker color. If you saturate the color by 10%, you get **58.7402, 42.2358, 50.9996**, and if you desaturate by 10%, it is **71.1615, 61.4939, 72.3563**.

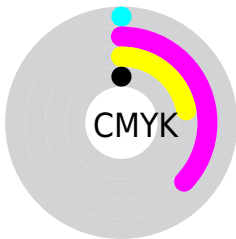
Distribution



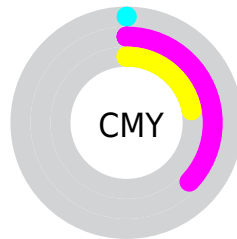
- Red (100%)
- Green (63%)
- Blue (78%)



- Red (100%)
- Yellow (63%)
- Blue (78%)



- Cyan (0%)
- Magenta (37%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4102, 50.9199, 61.0773 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 64.4102, 50.9199, 61.0773 by changing the saturation by 10% instead.


 64.4102, 50.9199,
61.0773

 64.4102, 50.9199,
61.0773


430.2482,
390.2525, 446.4718

 47.2459, 36.1449,
43.8566


 110.2719, 91.5364,
107.9495

 33.4389, 24.5461,
30.2214


 139.7001,
118.1466, 138.4380

 22.6237, 15.7392,
19.7532


173.9469,
149.4706, 174.1863

 14.4351, 9.3398,
12.0335

213.3777,
185.8929, 215.6127

 8.5076, 4.9635,
6.6437

258.3579,
227.7979, 263.1360

 4.4759, 2.2258,
3.1652

309.2528,

 1.9748, 0.7340,

275.5699, 317.1745

1.1796

366.4278,
329.5933, 378.1470

■ 0.6197, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.4102, 50.9199,
61.0773

■ 64.4102, 50.9199,
61.0773

■ 58.7402, 42.2358,
50.9996

■ 71.1615, 61.4939,
72.3563

■ 54.0874, 35.3216,
42.0762

■ 79.0460, 74.0546,
84.8751

■ 50.3862, 30.0541,
34.2607

■ 88.1165, 88.7003,
98.6740

■ 47.5613, 26.2914,
27.5017

95.0500, 100.0000,
108.9000

■ 45.5251, 23.8669,
21.7423

■ 44.1673, 22.5700,
16.9164

■ 43.8306, 22.2962,
15.5720

Harmonies

Analogous

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



60.9689, 50.9199, 85.0594



64.4102, 50.9199, 61.0773



63.2170, 50.9199, 40.8841

Triad

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



64.4102, 50.9199, 61.0773



43.0040, 50.9199, 25.0355



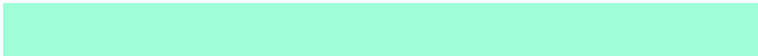
40.0272, 50.9199, 95.8111

Complementary

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



64.4102, 50.9199, 61.0773



62.8546, 84.0559, 77.8811

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.



36.0969, 50.9199, 73.1033



64.4102, 50.9199, 61.0773



37.6857, 50.9199, 33.6489

Square

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



64.4102, 50.9199, 61.0773



50.3271, 50.9199, 23.3998



35.2869, 50.9199, 50.1665



46.5185, 50.9199, 108.2603

Rectangle

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



64.4102, 50.9199, 61.0773



60.0069, 50.9199, 31.6608



35.2869, 50.9199, 50.1665



38.3918, 50.9199, 88.8796

Sweetspot

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



64.4115, 50.9222, 61.0783



84.2144, 82.3784, 92.8038



59.0665, 47.2860, 100.6217



17.7615, 17.2063, 19.4627



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.



64.4115, 50.9222, 61.0783



60.2556, 44.5342, 53.7624



61.8317, 52.1496, 40.5282



18.3219, 18.1121, 20.3122



22.9726, 11.6783, 8.5060



2.2896, 1.1582, 1.1066

Inverse Universe

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



64.4115, 50.9222, 61.0783



60.2556, 44.5342, 53.7624



66.0612, 81.4216, 106.8419



18.3219, 18.1121, 20.3122



22.9726, 11.6783, 8.5060



2.2896, 1.1582, 1.1066

Previews

White Background



This preview shows how the XYZ color 64.4102, 50.9199, 61.0773 looks on a white background.

Color Contrast Check

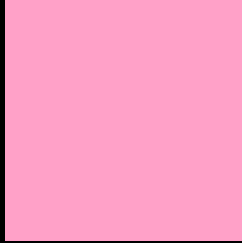
Large Text (above 18pt) WCAG AA × Fail

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 64.4102, 50.9199, 61.0773 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 64.4102, 50.9199, 61.0773

Background



This preview shows how black text looks on a background with the XYZ color 64.4102, 50.9199, 61.0773.



This preview shows how white text looks on a background with the XYZ color 64.4102, 50.9199,

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

64.4102, 50.9199, 61.0773

Protanopia

50.5152, 51.2905, 72.8833

Deuteranopia

52.2811, 51.2456, 59.3604



Tritanopia

61.8990, 50.9672, 48.1702

Trichromacy



Original Color

64.4102, 50.9199, 61.0773



Protanomaly

54.2566, 50.2456, 68.4667



Deuteranomaly

56.0348, 50.7699, 59.6695



Tritanomaly

62.9055, 51.1245, 52.4515

Monochromacy



Original Color

64.4102, 50.9199, 61.0773



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

55.0107, 52.0403, 59.3700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4102, 50.9199, 61.0773 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 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, 161, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 200) }
```

Border

The CSS property to change the border of an element to XYZ 64.4102, 50.9199, 61.0773 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, 200) }
```


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

```
.border{ border-color:rgb(255, 161, 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, 161, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4102, 50.9199, 61.0773 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, 200) }
```

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

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