

Converting Colors

XYZ(64.9501, 49.7973, 74.5952)

Have a look what the booklet for
XYZ(64.9501, 49.7973, 74.5952)
contains.

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Color

**XYZ(64.8918, 49.8436,
74.6072)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9DDD
RGB	251, 157, 221
RGB Percent	98%, 62%, 87%
CMY	0.0157, 0.3843, 0.1333
CMYK	0.00, 0.37, 0.12, 0.02
HSL	319°, 92%, 80%
HSV	319°, 37%, 98%
XYZ	64.8918, 49.8436, 74.6072
YIQ	192.4020, 35.4800, 39.8320

Conversions

Conversions Part 2

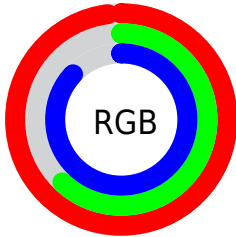
Format	Color
R_{YB}	251, 157, 221
Decimal	16489949
CIE _{Lab}	75.97, 43.84, -17.75
CIE _{LCh}	76, 47.291, 337.960
Yxy	49.8436, 0.3427, 0.2632
Android (android.graphics.Color)	4294680029 (0xFFFB9DDD)
YUV	192.4020, 14.0988, 51.3904
Hunter-Lab	70.6000, 40.5178, -13.2353

Details

The XYZ color **64.8918, 49.8436, 74.6072** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.3736, 79.7519, 59.3869**, and the grayscale version is **50.2448, 52.8614, 57.5661**.

A 20% lighter version of the original color is **83.0842, 76.0685, 104.9114**, and **33.8256, 23.9913, 38.9244** is the 20% darker color. If you saturate the color by 10%, you get **60.0315, 41.7900, 67.8463**, and if you desaturate by 10%, it is **70.6783, 59.6666, 81.9292**.

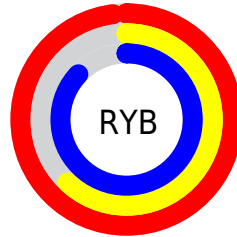
Distribution



Red (98%)

Green (62%)

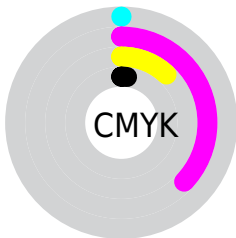
Blue (87%)



Red (98%)

Yellow (62%)

Blue (87%)

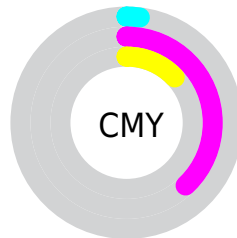


Cyan (0%)

Magenta (37%)

Yellow (12%)

Black (2%)



Cyan (2%)


Magenta (38%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.8918, 49.8436, 74.6072 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 64.8918, 49.8436, 74.6072 by changing the saturation by 10% instead.


 64.8918, 49.8436,
74.6072


 64.8918, 49.8436,
74.6072


431.9544,
386.0540, 495.7857

 47.6377, 35.2891,
54.7914


 110.9609, 89.9431,
127.4982

 33.7501, 23.8857,
38.8372


 140.5066,
116.2569, 161.4104

 22.8637, 15.2488,
26.3263

174.8802,
147.2594, 200.8584

 14.6130, 8.9942,
16.8399

214.4470,
183.3348, 246.2609

 8.6328, 4.7374,
9.9597

259.5726,
224.8675, 298.0363

 4.5576, 2.0940,
5.2670

310.6220,

 2.0222, 0.6613,

272.2421, 356.6033

2.3433

367.9609,
325.8428, 422.3802

■ 0.6464, 0.0000,
0.7553

■ 0.0000, 0.0000,
0.0000

■ 64.8918, 49.8436,
74.6072

■ 64.8918, 49.8436,
74.6072

■ 60.0315, 41.7900,
67.8463

■ 70.6783, 59.6666,
81.9292

■ 56.0384, 35.3911,
61.6217

■ 77.4363, 71.3508,
89.8293

■ 52.8535, 30.5294,
55.9109

■ 85.2137, 84.9899,
98.3271

■ 50.4083, 27.0691,
50.6873

■ 93.2810, 99.1242,
107.1830

■ 48.6222, 24.8500,
45.9204

■ 93.5941, 99.2494,
108.8319

■ 47.3900, 23.6631,
41.5714

■ 47.1243, 23.4455,
40.5147

Harmonies

Analogous

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



58.5875, 49.8436, 102.2618



64.8918, 49.8436, 74.6072



66.2275, 49.8436, 47.8211

Triad

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



64.8918, 49.8436, 74.6072



45.0656, 49.8436, 18.9881



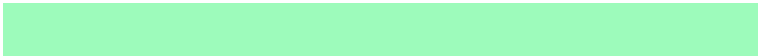
35.2253, 49.8436, 89.9521

Complementary

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



64.8918, 49.8436, 74.6072



57.3736, 79.7519, 59.3869

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.



32.4896, 49.8436, 61.2766



64.8918, 49.8436, 74.6072



37.6927, 49.8436, 24.2841

Square

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



64.8918, 49.8436, 74.6072



54.0261, 49.8436, 20.5591



33.3333, 49.8436, 38.0135



41.2932, 49.8436, 112.8664

Rectangle

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



64.8918, 49.8436, 74.6072



63.9834, 49.8436, 34.5406



33.3333, 49.8436, 38.0135



33.9221, 49.8436, 80.3682

Sweetspot

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



64.8933, 49.8459, 74.6082



85.3372, 82.8276, 98.7164



49.9083, 41.6170, 96.6702



18.0292, 17.3134, 20.8722



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.



64.8933, 49.8459, 74.6082



63.3588, 45.1710, 71.9671



59.5053, 47.6907, 46.2353



17.7435, 17.4248, 20.5051



24.8394, 12.3515, 21.6606



2.3488, 1.1633, 2.2601

Inverse Universe

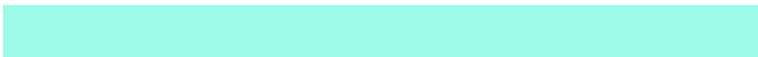
The Inverse Universe completely reimagines the original color for something new.



64.8933, 49.8459, 74.6082



63.3588, 45.1710, 71.9671



63.2214, 82.0910, 90.1808



17.7435, 17.4248, 20.5051



24.8394, 12.3515, 21.6606



2.3488, 1.1633, 2.2601

Previews

White Background



This preview shows how the XYZ color 64.8918, 49.8436, 74.6072 looks on a white background.

Color Contrast Check

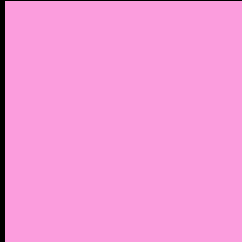
Large Text (above 18pt) WCAG AA × Fail

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 64.8918, 49.8436, 74.6072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

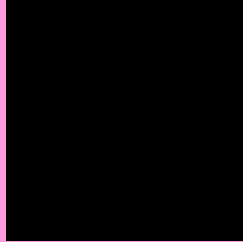
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.8918, 49.8436, 74.6072

Background



This preview shows how black text looks on a background with the XYZ color 64.8918, 49.8436, 74.6072.



This preview shows how white text looks on a background with the XYZ color 64.8918, 49.8436,

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

64.8918, 49.8436, 74.6072

Protanopia

50.8916, 50.4674, 90.2780

Deuteranopia

51.0664, 50.0313, 71.9313



Tritanopia

59.4971, 49.7174, 48.5801

Trichromacy



Original Color

64.8918, 49.8436, 74.6072



Protanomaly

54.5384, 49.1570, 84.4557



Deuteranomaly

55.2315, 49.4802, 72.9693



Tritanomaly

61.3693, 49.6922, 57.3960

Monochromacy



Original Color

64.8918, 49.8436, 74.6072



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

54.3402, 50.6981, 63.4216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8918, 49.8436, 74.6072 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(251, 157, 221)` looks like.

```
.text, #text, p{  
    color:rgb(251, 157, 221)  
}
```

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(251, 157, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 157, 221) }
```

Border

The CSS property to change the border of an element to XYZ 64.8918, 49.8436, 74.6072 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(251, 157, 221) }
```


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

```
.border{ border-color:rgb(251, 157, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 157, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 157, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 157, 221);  
box-shadow:4px 4px 4px 4px rgb(251, 157,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8918, 49.8436, 74.6072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 157, 221) }
```

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

```
.background{ background-color: rgb(251,  
157, 221) }
```

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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