

Converting Colors

XYZ(78.1276, 64.2207, 74.4274)

Have a look what the booklet for
XYZ(78.1276, 64.2207, 74.4274)
contains.

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Color

**XYZ(71.0354, 60.6029,
74.2832)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB8DA
RGB	255, 184, 218
RGB Percent	100%, 72%, 85%
CMY	0.0000, 0.2784, 0.1451
CMYK	0.00, 0.28, 0.15, 0.00
HSL	331°, 100%, 86%
HSV	331°, 28%, 100%
XYZ	71.0354, 60.6029, 74.2832
YIQ	209.1050, 31.4020, 25.6260

Conversions

Conversions Part 2

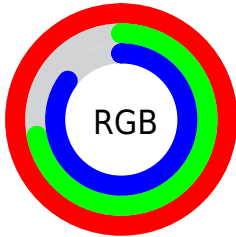
Format	Color
R _Y B	255, 184, 218
Decimal	16759002
CIE Lab	82.16, 30.62, -6.82
CIE LCh	82, 31.374, 347.453
Yxy	60.6029, 0.3450, 0.2943
Android (android.graphics.Color)	4294949082 (0xFFFFB8DA)
YUV	209.1050, 4.3852, 40.2499
Hunter-Lab	77.8479, 26.6457, -2.0816

Details

The XYZ color **71.0354, 60.6029, 74.2832** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.5804, 86.9318, 81.5749**, and the grayscale version is **60.6320, 63.7896, 69.4669**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **37.6194, 30.4799, 38.5508** is the 20% darker color. If you saturate the color by 10%, you get **64.5380, 50.2806, 63.8789**, and if you desaturate by 10%, it is **78.6297, 72.8956, 85.7427**.

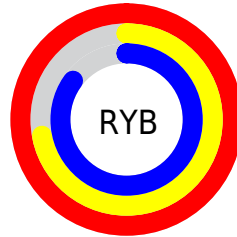
Distribution



Red (100%)

Green (72%)

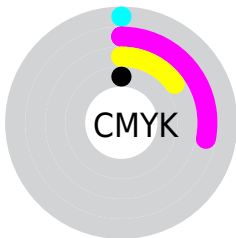
Blue (85%)



Red (100%)

Yellow (72%)

Blue (85%)

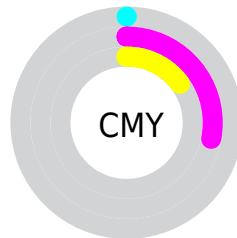


Cyan (0%)

Magenta (28%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0354, 60.6029, 74.2832 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 71.0354, 60.6029, 74.2832 by changing the saturation by 10% instead.


 71.0354, 60.6029,
74.2832

 71.0354, 60.6029,
74.2832


453.3871,
426.8165, 494.6397

 52.6537, 43.9048,
54.5277


 119.7024,
105.7038, 127.0349

 37.7528, 30.5957,
38.6276


150.7184,
134.8753, 160.8682

 25.9672, 20.2911,
26.1646


186.6765,
168.9734, 200.2312

 16.9317, 12.6069,
16.7199

227.9422,
208.3825, 245.5423

 10.2808, 7.1584,
9.8752

274.8807,
253.4869, 297.2202

 5.6492, 3.5614,
5.2117

327.8575,

 2.6716, 1.4314,

304.6711, 355.6834

2.3111

387.2378,
362.3195, 421.3504

■ 0.9826, 0.2397,
0.7374

■ 0.0000, 0.0000,
0.0000

■ 71.0354, 60.6029,
74.2832

■ 71.0354, 60.6029,
74.2832

■ 64.5380, 50.2806,
63.8789

■ 78.6297, 72.8956,
85.7427

■ 59.0789, 41.8169,
54.4919

■ 87.3674, 87.2470,
98.2860

■ 54.5998, 35.1009,
46.0869

95.0500, 100.0000,
108.9000

■ 51.0350, 30.0064,
38.6246

■ 48.3098, 26.3900,
32.0622

■ 46.3368, 24.0829,
26.3516

■ 44.9998, 22.8596,
21.4343

■ 44.7594, 22.6678,
20.4629

Harmonies

Analogous

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



67.5660, 60.6029, 94.0398



71.0354, 60.6029, 74.2832



70.7094, 60.6029, 55.5808

Triad

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



71.0354, 60.6029, 74.2832



53.8431, 60.6029, 36.8054



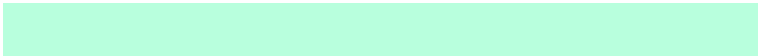
49.3643, 60.6029, 96.8811

Complementary

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



71.0354, 60.6029, 74.2832



68.5804, 86.9318, 81.5749

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.



46.2223, 60.6029, 77.6156



71.0354, 60.6029, 74.2832



48.6678, 60.6029, 44.1532

Square

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



71.0354, 60.6029, 74.2832



60.4298, 60.6029, 36.2573



45.9775, 60.6029, 58.3313



54.8624, 60.6029, 108.6778

Rectangle

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



71.0354, 60.6029, 74.2832



68.3834, 60.6029, 46.0921



45.9775, 60.6029, 58.3313



48.0166, 60.6029, 90.9115

Sweetspot

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



71.0368, 60.6055, 74.2844



87.2191, 87.0019, 98.0777



64.9151, 56.8264, 102.1549



18.3716, 18.1320, 20.5742



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.



71.0368, 60.6055, 74.2844



67.5506, 55.0396, 68.7867



67.2809, 59.4981, 53.2889



18.3716, 18.1320, 20.5742



23.4622, 11.8742, 11.0844



2.3393, 1.1781, 1.3679

Inverse Universe

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



71.0368, 60.6055, 74.2844



67.5506, 55.0396, 68.7867



73.2023, 88.1785, 107.7697



18.3716, 18.1320, 20.5742



23.4622, 11.8742, 11.0844



2.3393, 1.1781, 1.3679

Previews

White Background



This preview shows how the XYZ color 71.0354, 60.6029, 74.2832 looks on a white background.

Color Contrast Check

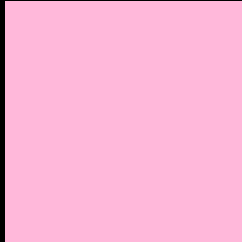
Large Text (above 18pt) WCAG AA × Fail

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 71.0354, 60.6029, 74.2832 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 71.0354, 60.6029, 74.2832

Background



This preview shows how black text looks on a background with the XYZ color 71.0354, 60.6029, 74.2832.



This preview shows how white text looks on a background with the XYZ color 71.0354, 60.6029,

74.2832.

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

71.0354, 60.6029, 74.2832

Protanopia

59.7263, 60.8426, 83.4588

Deuteranopia

62.2044, 60.9688, 72.7796



Tritanopia

68.8210, 60.6403, 63.3358

Trichromacy



Original Color

71.0354, 60.6029, 74.2832

Protanomaly

63.2862, 60.3430, 80.2633

Deuteranomaly

65.2907, 60.8651, 73.2727

Tritanomaly

69.6944, 60.6936, 67.0732

Monochromacy



Original Color

71.0354, 60.6029, 74.2832

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.9020, 62.2308, 70.9311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0354, 60.6029, 74.2832 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, 184, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 218)  
}
```

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, 184, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 218) }
```

Border

The CSS property to change the border of an element to XYZ 71.0354, 60.6029, 74.2832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

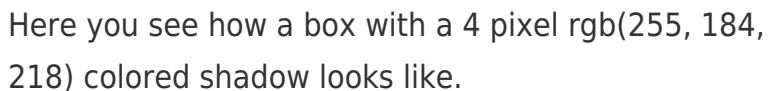
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 184, 218) }
```


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

```
.border{ border-color:rgb(255, 184, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 184, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 184, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 184, 218); box-shadow:4px 4px 4px 4px rgb(255, 184, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0354, 60.6029, 74.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 218) }
```

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

```
.background{ background-color: rgb(255,  
184, 218) }
```

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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