

Converting Colors

XYZ(117.0597, 83.0276,
76.8859)

Have a look what the booklet for
XYZ(117.0597, 83.0276, 76.8859)
contains.

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Color

**XYZ(70.3474, 59.0170,
74.7015)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB4DB
RGB	255, 180, 219
RGB Percent	100%, 71%, 86%
CMY	0.0000, 0.2941, 0.1412
CMYK	0.00, 0.29, 0.14, 0.00
HSL	329°, 100%, 85%
HSV	329°, 29%, 100%
XYZ	70.3474, 59.0170, 74.7015
YIQ	206.8710, 32.1810, 28.0290

Conversions

Conversions Part 2

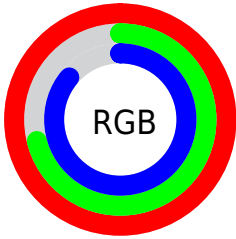
Format	Color
R _Y B	255, 180, 219
Decimal	16757979
CIE Lab	81.30, 32.88, -8.63
CIE LCh	81, 33.993, 345.285
Yxy	59.0170, 0.3447, 0.2892
Android (android.graphics.Color)	4294948059 (0xFFFFB4DB)
YUV	206.8710, 5.9796, 42.2091
Hunter-Lab	76.8225, 29.0154, -3.8773

Details

The XYZ color **70.3474, 59.0170, 74.7015** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.9792, 86.1822, 78.0739**, and the grayscale version is **59.1747, 62.2564, 67.7972**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **37.1877, 29.4724, 38.8507** is the 20% darker color. If you saturate the color by 10%, you get **64.1125, 49.0319, 64.9631**, and if you desaturate by 10%, it is **77.6506, 70.9484, 85.3822**.

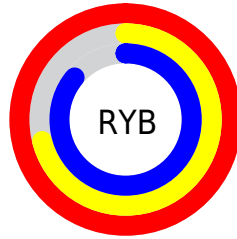
Distribution



Red (100%)

Green (71%)

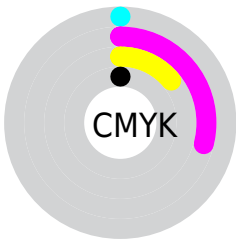
Blue (86%)



Red (100%)

Yellow (71%)

Blue (86%)

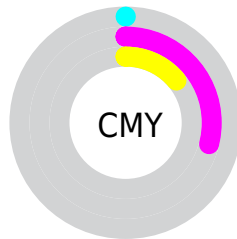


Cyan (0%)

Magenta (29%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3474, 59.0170, 74.7015 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 70.3474, 59.0170, 74.7015 by changing the saturation by 10% instead.

 70.3474, 59.0170,
74.7015

 70.3474, 59.0170,
74.7015


451.0163,
420.9649, 496.1190

 52.0904, 42.6268,
54.8681

 118.7276,
103.4024, 127.6329

 37.3017, 29.5924,
38.8983

149.5815,
132.1663, 161.5681

 25.6159, 19.5294,
26.3734


185.3652,
165.8237, 201.0409

 16.6677, 12.0534,
16.8749

226.4439,
204.7588, 246.4699

 10.0917, 6.7801,
9.9843

273.1830,
249.3561, 298.2737

 5.5225, 3.3250,
5.2831

325.9478,

 2.5949, 1.3036,

299.9999, 356.8708

2.3527

385.1038,
357.0747, 422.6797

■ 0.9433, 0.1440,
0.7605

■ 0.0000, 0.0000,
0.0000

■ 70.3474, 59.0170,
74.7015

■ 70.3474, 59.0170,
74.7015

■ 64.1125, 49.0319,
64.9631

■ 77.6506, 70.9484,
85.3822

■ 58.8872, 40.8806,
56.1326

■ 86.0683, 84.9156,
97.0305

■ 54.6131, 34.4505,
48.1785

95.0500, 100.0000,
108.9000

■ 51.2242, 29.6134,
41.0655

■ 48.6449, 26.2231,
34.7543

■ 46.7860, 24.1057,
29.2009

■ 45.5119, 22.9949,
24.3449

■ 45.4456, 22.9422,
24.0764

Harmonies

Analogous

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



66.3554, 59.0170, 95.8481



70.3474, 59.0170, 74.7015



70.3066, 59.0170, 54.5021

Triad

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



70.3474, 59.0170, 74.7015



52.5745, 59.0170, 33.4637



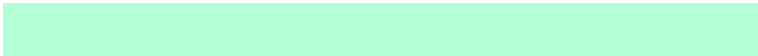
47.0341, 59.0170, 96.2070

Complementary

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



70.3474, 59.0170, 74.7015



66.9792, 86.1822, 78.0739

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.



43.9386, 59.0170, 75.1170



70.3474, 59.0170, 74.7015



46.9489, 59.0170, 40.5076

Square

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



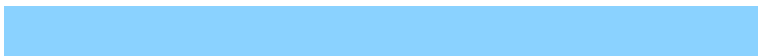
70.3474, 59.0170, 74.7015



59.6304, 59.0170, 33.3987



43.9088, 59.0170, 54.8389



52.7001, 59.0170, 109.9296

Rectangle

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



70.3474, 59.0170, 74.7015



67.9807, 59.0170, 44.2332



43.9088, 59.0170, 54.8389



45.6804, 59.0170, 89.5681

Sweetspot

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



70.3488, 59.0196, 74.7027



86.4373, 85.5320, 97.5283



62.3978, 54.3126, 101.8024



18.2223, 17.8418, 20.4979



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.



70.3488, 59.0196, 74.7027



66.7344, 53.2031, 69.1437



66.0584, 57.3034, 52.1096



18.4038, 18.1449, 20.7438



23.8223, 12.0182, 12.9804



2.3747, 1.1923, 1.5547

Inverse Universe

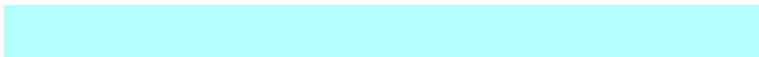
The Inverse Universe completely reimagines the original color for something new.



70.3488, 59.0196, 74.7027



66.7344, 53.2031, 69.1437



72.2339, 88.2841, 105.7450



18.4038, 18.1449, 20.7438



23.8223, 12.0182, 12.9804



2.3747, 1.1923, 1.5547

Previews

White Background



This preview shows how the XYZ color 70.3474, 59.0170, 74.7015 looks on a white background.

Color Contrast Check

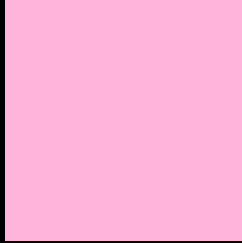
Large Text (above 18pt) WCAG AA × Fail

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 70.3474, 59.0170, 74.7015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

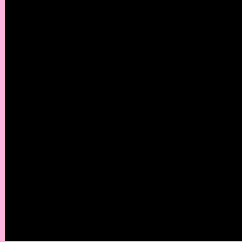
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3474, 59.0170, 74.7015

Background



This preview shows how black text looks on a background with the XYZ color 70.3474, 59.0170, 74.7015.



This preview shows how white text looks on a background with the XYZ color 70.3474, 59.0170,

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

70.3474, 59.0170, 74.7015

Protanopia

58.4781, 59.4698, 84.7406

Deuteranopia

60.4535, 59.0367, 73.1747



Tritanopia

67.4784, 59.0536, 61.2681

Trichromacy



Original Color

70.3474, 59.0170, 74.7015



Protanomaly

61.8485, 58.5914, 80.7225



Deuteranomaly

63.5710, 58.6597, 73.6175



Tritanomaly

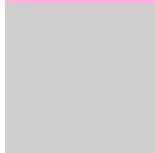
68.5821, 59.2059, 66.2057

Monochromacy



Original Color

70.3474, 59.0170, 74.7015



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.4646, 60.4829, 70.0102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3474, 59.0170, 74.7015 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, 180, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 219)  
}
```

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, 180, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 219) }
```

Border

The CSS property to change the border of an element to XYZ 70.3474, 59.0170, 74.7015 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, 180, 219) }
```


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

```
.border{ border-color:rgb(255, 180, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3474, 59.0170, 74.7015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 219) }
```

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

```
.background{ background-color: rgb(255,  
180, 219) }
```

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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