

Converting Colors

XYZ(75.1479, 62.2706, 71.6547)

Have a look what the booklet for
XYZ(75.1479, 62.2706, 71.6547)
contains.

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Color

**XYZ(70.1055, 59.5709,
71.4217)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6D6
RGB	255, 182, 214
RGB Percent	100%, 71%, 84%
CMY	0.0000, 0.2863, 0.1608
CMYK	0.00, 0.29, 0.16, 0.00
HSL	334°, 100%, 86%
HSV	334°, 29%, 100%
XYZ	70.1055, 59.5709, 71.4217
YIQ	207.4750, 33.2360, 25.4280

Conversions

Conversions Part 2

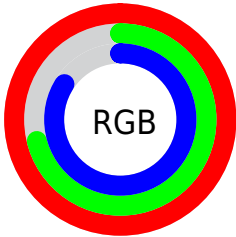
Format	Color
R _Y B	255, 182, 214
Decimal	16758486
CIE Lab	81.60, 31.05, -5.49
CIE LCh	82, 31.533, 349.971
Yxy	59.5709, 0.3486, 0.2962
Android (android.graphics.Color)	4294948566 (0xFFFFB6D6)
YUV	207.4750, 3.2168, 41.6794
Hunter-Lab	77.1822, 27.0648, -0.8374

Details

The XYZ color **70.1055, 59.5709, 71.4217** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.3728, 86.7938, 82.9648**, and the grayscale version is **59.5807, 62.6835, 68.2623**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **37.0031, 29.8119, 36.6049** is the 20% darker color. If you saturate the color by 10%, you get **63.6014, 49.3623, 60.6225**, and if you desaturate by 10%, it is **77.7242, 71.7507, 83.3875**.

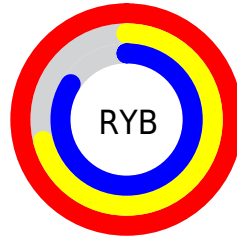
Distribution



Red (100%)

Green (71%)

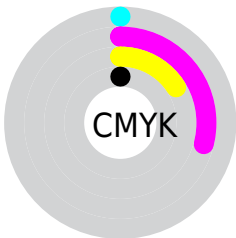
Blue (84%)



Red (100%)

Yellow (71%)

Blue (84%)

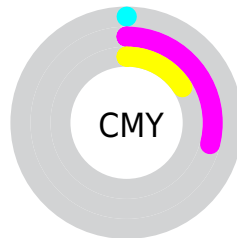


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.1055, 59.5709, 71.4217 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 70.1055, 59.5709, 71.4217 by changing the saturation by 10% instead.


 70.1055, 59.5709,
71.4217

 70.1055, 59.5709,
71.4217


450.1810,
423.0143, 484.4496

 51.8925, 43.0729,
52.2025


 118.3846,
104.2070, 122.9340

 37.1433, 29.9423,
36.7831


149.1814,
133.1138, 156.0642

 25.4926, 19.7948,
24.7451


184.9036,
166.9256, 194.6685

 16.5751, 12.2460,
15.6700

225.9163,
206.0269, 239.1653

 10.0255, 6.9114,
9.1391

272.5851,
250.8020, 289.9733

 5.4782, 3.4068,
4.7340

325.2752,

 2.5681, 1.3476,

301.6354, 347.5110

2.0360

384.3521,
358.9113, 412.1969

■ 0.9297, 0.1776,
0.5773

■ 0.0000, 0.0000,
0.0000

■ 70.1055, 59.5709,
71.4217

■ 70.1055, 59.5709,
71.4217

■ 63.6014, 49.3623,
60.6225

■ 77.7242, 71.7507,
83.3875

■ 58.1517, 41.0121,
50.9473

■ 86.5050, 85.9910,
96.5531

■ 53.6971, 34.4081,
42.3559

95.0500, 100.0000,
108.9000

■ 50.1702, 29.4227,
34.8037

■ 47.4945, 25.9103,
28.2420

■ 45.5801, 23.6993,
22.6166

■ 44.3007, 22.5452,
17.8595

■ 44.1520, 22.4248,
17.2644

Harmonies

Analogous

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



66.9394, 59.5709, 91.2540



70.1055, 59.5709, 71.4217



69.4491, 59.5709, 53.1890

Triad

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



70.1055, 59.5709, 71.4217



52.3823, 59.5709, 36.2740



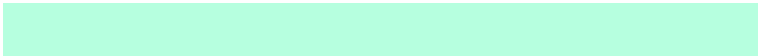
48.8202, 59.5709, 96.9802

Complementary

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



70.1055, 59.5709, 71.4217



68.3728, 86.7938, 82.9648

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.



45.4775, 59.5709, 78.1302



70.1055, 59.5709, 71.4217



47.4203, 59.5709, 44.1238

Square

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



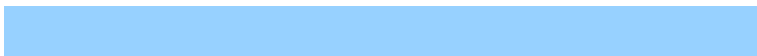
70.1055, 59.5709, 71.4217



58.8665, 59.5709, 35.1751



44.9859, 59.5709, 58.7179



54.4320, 59.5709, 107.8004

Rectangle

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



70.1055, 59.5709, 71.4217



66.9486, 59.5709, 44.1456



44.9859, 59.5709, 58.7179



47.4130, 59.5709, 91.2188

Sweetspot

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



70.1069, 59.5735, 71.4229



86.1542, 85.4188, 96.0374



64.9502, 56.2321, 102.0384



18.1526, 17.8140, 20.1311



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.



70.1069, 59.5735, 71.4229



66.4755, 53.8471, 65.4755



67.1706, 59.6106, 52.2250



18.3401, 18.1193, 20.4080



23.1424, 11.7462, 9.4001



2.3071, 1.1652, 1.1984

Inverse Universe

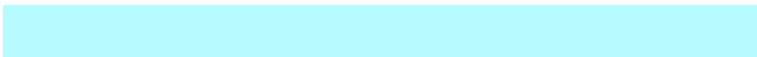
The Inverse Universe completely reimagines the original color for something new.



70.1069, 59.5735, 71.4229



66.4755, 53.8471, 65.4755



71.9496, 86.3793, 107.4885



18.3401, 18.1193, 20.4080



23.1424, 11.7462, 9.4001



2.3071, 1.1652, 1.1984

Previews

White Background



This preview shows how the XYZ color 70.1055, 59.5709, 71.4217 looks on a white background.

Color Contrast Check

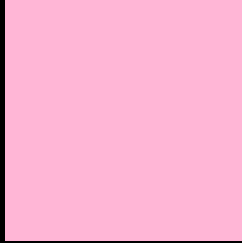
Large Text (above 18pt) WCAG AA × Fail

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 70.1055, 59.5709, 71.4217 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 70.1055, 59.5709, 71.4217

Background



This preview shows how black text looks on a background with the XYZ color 70.1055, 59.5709, 71.4217.



This preview shows how white text looks on a background with the XYZ color 70.1055, 59.5709,

71.4217.

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

70.1055, 59.5709, 71.4217

Protanopia

58.6674, 60.0114, 80.4428

Deuteranopia

60.9375, 59.6957, 69.9387



Tritanopia

68.1658, 59.7041, 61.9641

Trichromacy



Original Color

70.1055, 59.5709, 71.4217



Protanomaly

62.2151, 59.5198, 77.3166



Deuteranomaly

64.0120, 59.6085, 70.4192



Tritanomaly

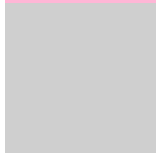
68.9126, 59.7114, 65.0201

Monochromacy



Original Color

70.1055, 59.5709, 71.4217



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.5674, 60.8886, 69.4278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1055, 59.5709, 71.4217 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, 182, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 214)  
}
```

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, 182, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 214) }
```

Border

The CSS property to change the border of an element to XYZ 70.1055, 59.5709, 71.4217 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, 182, 214) }
```


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

```
.border{ border-color:rgb(255, 182, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1055, 59.5709, 71.4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 214) }
```

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

```
.background{ background-color: rgb(255,  
182, 214) }
```

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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