

Converting Colors

XYZ(69.8918, 59.1806, 71.2362)

Have a look what the booklet for
XYZ(69.8918, 59.1806, 71.2362)
contains.

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Color

**XYZ(69.9015, 59.1628,
71.3537)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5D6
RGB	255, 181, 214
RGB Percent	100%, 71%, 84%
CMY	0.0000, 0.2902, 0.1608
CMYK	0.00, 0.29, 0.16, 0.00
HSL	333°, 100%, 85%
HSV	333°, 29%, 100%
XYZ	69.9015, 59.1628, 71.3537
YIQ	206.8880, 33.5110, 25.9510

Conversions

Conversions Part 2

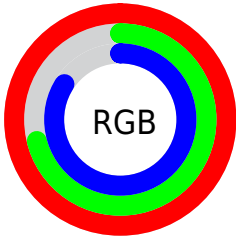
Format	Color
R _Y B	255, 181, 214
Decimal	16758230
CIE Lab	81.38, 31.58, -5.82
CIE LCh	81, 32.108, 349.554
Yxy	59.1628, 0.3488, 0.2952
Android (android.graphics.Color)	4294948310 (0xFFFFB5D6)
YUV	206.8880, 3.5062, 42.1942
Hunter-Lab	76.9174, 27.6131, -1.1592

Details

The XYZ color **69.9015, 59.1628, 71.3537** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.0030, 86.6187, 82.2457**, and the grayscale version is **59.2004, 62.2835, 67.8267**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **36.8733, 29.5523, 36.5616** is the 20% darker color. If you saturate the color by 10%, you get **63.4561, 49.0357, 60.6855**, and if you desaturate by 10%, it is **77.4551, 71.2554, 83.1650**.

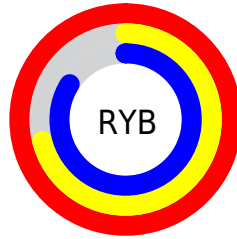
Distribution



Red (100%)

Green (71%)

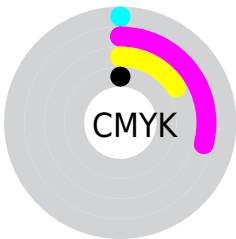
Blue (84%)



Red (100%)

Yellow (71%)

Blue (84%)

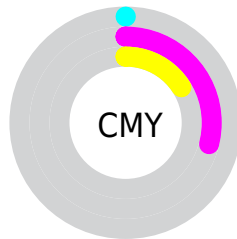


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.9015, 59.1628, 71.3537 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 69.9015, 59.1628, 71.3537 by changing the saturation by 10% instead.

 69.9015, 59.1628,
71.3537

 69.9015, 59.1628,
71.3537


449.4759,
421.5050, 484.2059

 51.7255, 42.7442,
52.1473


 118.0953,
103.6142, 122.8364

 37.0097, 29.6845,
36.7394


148.8439,
132.4159, 155.9497

 25.3887, 19.5992,
24.7116


184.5140,
166.1139, 194.5358

 16.4972, 12.1040,
15.6453

225.4711,
205.0929, 239.0131

 9.9697, 6.8146,
9.1219

272.0805,
249.7370, 289.8002

 5.4410, 3.3464,
4.7229

324.7075,

 2.5457, 1.3151,

300.4308, 347.3157

2.0297

383.7175,
357.5587, 411.9781

■ 0.9183, 0.1529,
0.5735

■ 0.0000, 0.0000,
0.0000

■ 69.9015, 59.1628,
71.3537

■ 69.9015, 59.1628,
71.3537

■ 63.4561, 49.0357,
60.6855

■ 77.4551, 71.2554,
83.1650

■ 58.0591, 40.7611,
51.1188

■ 86.1644, 85.4031,
96.1520

■ 53.6508, 34.2266,
42.6142

95.0500, 100.0000,
108.9000

■ 50.1637, 29.3038,
35.1279

■ 47.5212, 25.8466,
28.6123

■ 45.6329, 23.6818,
23.0138

■ 44.3673, 22.5544,
18.2640

■ 44.2607, 22.4683,
17.8368

Harmonies

Analogous

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



66.6357, 59.1628, 91.4906



69.9015, 59.1628, 71.3537



69.2901, 59.1628, 52.8236

Triad

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



69.9015, 59.1628, 71.3537



52.0230, 59.1628, 35.4915



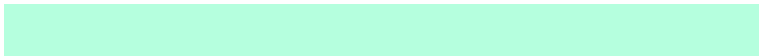
48.2696, 59.1628, 96.8349

Complementary

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



69.9015, 59.1628, 71.3537



68.0030, 86.6187, 82.2457

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.



44.9279, 59.1628, 77.5963



69.9015, 59.1628, 71.3537



46.9726, 59.1628, 43.2945

Square

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



69.9015, 59.1628, 71.3537



58.6047, 59.1628, 34.4804



44.4727, 59.1628, 57.9474



53.9252, 59.1628, 108.0263

Rectangle

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



69.9015, 59.1628, 71.3537



66.7803, 59.1628, 43.6334



44.4727, 59.1628, 57.9474



46.8582, 59.1628, 90.9351

Sweetspot

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



69.9029, 59.1653, 71.3549



86.1804, 85.4293, 96.1753



64.6084, 55.7529, 101.9639



18.1591, 17.8165, 20.1650



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.



69.9029, 59.1653, 71.3549



65.9165, 52.8759, 64.8369



66.8686, 59.1714, 51.6162



18.3460, 18.1217, 20.4391



23.1997, 11.7692, 9.7020



2.3129, 1.1675, 1.2291

Inverse Universe

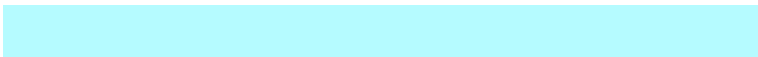
The Inverse Universe completely reimagines the original color for something new.



69.9029, 59.1653, 71.3549



65.9165, 52.8759, 64.8369



71.6986, 86.2266, 107.4722



18.3460, 18.1217, 20.4391



23.1997, 11.7692, 9.7020



2.3129, 1.1675, 1.2291

Previews

White Background



This preview shows how the XYZ color 69.9015, 59.1628, 71.3537 looks on a white background.

Color Contrast Check

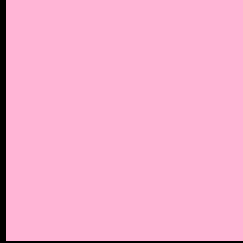
Large Text (above 18pt) WCAG AA × Fail

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 69.9015, 59.1628, 71.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

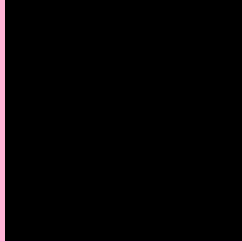
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9015, 59.1628, 71.3537

Background



This preview shows how black text looks on a background with the XYZ color 69.9015, 59.1628, 71.3537.



This preview shows how white text looks on a background with the XYZ color 69.9015, 59.1628,

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

69.9015, 59.1628, 71.3537

Protanopia

58.1673, 59.4064, 80.3523

Deuteranopia

60.4112, 59.0884, 69.8492



Tritanopia

67.8415, 59.2408, 61.2851

Trichromacy



Original Color

69.9015, 59.1628, 71.3537



Protanomaly

61.6900, 58.9176, 77.2281



Deuteranomaly

63.4695, 59.0040, 70.3311



Tritanomaly

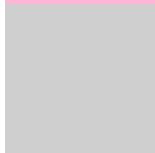
68.7056, 59.2974, 64.9511

Monochromacy



Original Color

69.9015, 59.1628, 71.3537



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 69.9015, 59.1628, 71.3537 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, 181, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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, 181, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 214) }
```

Border

The CSS property to change the border of an element to XYZ 69.9015, 59.1628, 71.3537 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, 181, 214) }
```


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

```
.border{ border-color:rgb(255, 181, 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, 181, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9015, 59.1628, 71.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 214) }
```

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

```
.background{ background-color: rgb(255,  
181, 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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