

Converting Colors

XYZ(69.0839, 57.2242, 72.0166)

Have a look what the booklet for
XYZ(69.0839, 57.2242, 72.0166)
contains.

XYZ(69.0311, 57.2170, 71.6956)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.0311, 57.2170,
71.6956)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0D7
RGB	255, 176, 215
RGB Percent	100%, 69%, 84%
CMY	0.0000, 0.3098, 0.1569
CMYK	0.00, 0.31, 0.16, 0.00
HSL	330°, 100%, 85%
HSV	330°, 31%, 100%
XYZ	69.0311, 57.2170, 71.6956
YIQ	204.0670, 34.5650, 28.8770

Conversions

Conversions Part 2

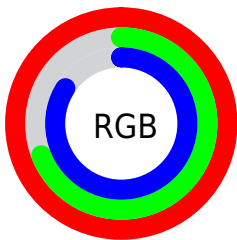
Format	Color
R _Y B	255, 176, 215
Decimal	16756951
CIE Lab	80.30, 34.35, -7.96
CIE LCh	80, 35.258, 346.953
Yxy	57.2170, 0.3487, 0.2891
Android (android.graphics.Color)	4294947031 (0xFFFFB0D7)
YUV	204.0670, 5.3900, 44.6682
Hunter-Lab	75.6419, 30.5264, -3.2474

Details

The XYZ color **69.0311, 57.2170, 71.6956** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.0612, 85.7090, 78.0309**, and the grayscale version is **57.3899, 60.3786, 65.7523**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **36.3307, 28.3274, 36.8106** is the 20% darker color. If you saturate the color by 10%, you get **62.8985, 47.5031, 61.7863**, and if you desaturate by 10%, it is **76.2364, 68.8663, 82.6100**.

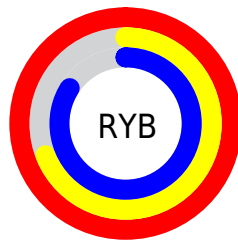
Distribution



Red (100%)

Green (69%)

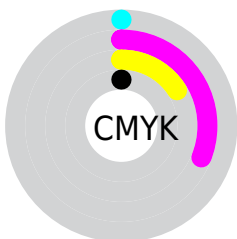
Blue (84%)



Red (100%)

Yellow (69%)

Blue (84%)

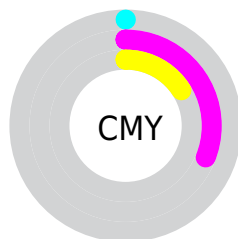


Cyan (0%)

Magenta (31%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0311, 57.2170, 71.6956 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 69.0311, 57.2170, 71.6956 by changing the saturation by 10% instead.


 69.0311, 57.2170,
71.6956

 69.0311, 57.2170,
71.6956


446.4603,
414.2619, 485.4304

 51.0138, 41.1795,
52.4247


 116.8598,
100.7817, 123.3273

 36.4407, 28.4594,
36.9592


147.4019,
129.0778, 156.5253

 24.9464, 18.6722,
24.8803


182.8497,
162.2288, 195.2027

 16.1656, 11.4337,
15.7697

223.5684,
200.6191, 239.7781

 9.7330, 6.3593,
9.2088

269.9235,
244.6332, 290.6701

 5.2832, 3.0648,
4.7789

322.2802,

 2.4508, 1.1656,

294.6554, 348.2971

2.0617

381.0041,
351.0702, 413.0777

■ 0.8705, 0.0334,
0.5928

■ 0.0000, 0.0000,
0.0000

■ 69.0311, 57.2170,
71.6956

■ 69.0311, 57.2170,
71.6956

■ 62.8985, 47.5031,
61.7863

■ 76.2364, 68.8663,
82.6100

■ 57.7789, 39.6106,
52.8452

■ 84.5619, 82.5420,
94.5576

■ 53.6127, 33.4250,
44.8378

■ 94.0569, 98.3381,
107.5693

■ 50.3317, 28.8154,
37.7255

■ 95.0500, 100.0000,
108.9000

■ 47.8584, 25.6318,
31.4656

■ 46.0999, 23.6944,
26.0100

■ 44.9981, 22.7632,
21.7200

Harmonies

Analogous

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



65.1519, 57.2170, 93.5071



69.0311, 57.2170, 71.6956



68.7449, 57.2170, 51.4289

Triad

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



69.0311, 57.2170, 71.6956



50.4415, 57.2170, 31.5254



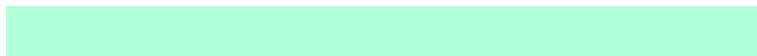
45.4615, 57.2170, 96.0370

Complementary

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



69.0311, 57.2170, 71.6956



66.0612, 85.7090, 78.0309

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.



42.1752, 57.2170, 74.6033



69.0311, 57.2170, 71.6956



44.8714, 57.2170, 38.9457

Square

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



69.0311, 57.2170, 71.6956



57.5719, 57.2170, 31.0829



41.9692, 57.2170, 53.7626



51.3142, 57.2170, 109.5127

Rectangle

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



69.0311, 57.2170, 71.6956



66.2260, 57.2170, 41.3570



41.9692, 57.2170, 53.7626



44.0435, 57.2170, 89.3336

Sweetspot

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



69.0324, 57.2195, 71.6968



86.3457, 85.4954, 97.0459



61.7489, 52.7965, 101.5440



18.1997, 17.8328, 20.3792



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.



69.0324, 57.2195, 71.6968



65.2139, 51.1436, 65.6106



64.6036, 55.4479, 48.3751



18.3832, 18.1366, 20.6351



23.5876, 11.9243, 11.7447



2.3517, 1.1831, 1.4334

Inverse Universe

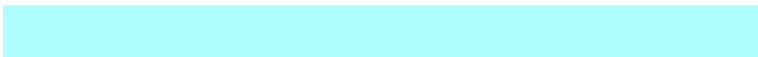
The Inverse Universe completely reimagines the original color for something new.



69.0324, 57.2195, 71.6968



65.2139, 51.1436, 65.6106



71.7159, 87.9708, 107.8080



18.3832, 18.1366, 20.6351



23.5876, 11.9243, 11.7447



2.3517, 1.1831, 1.4334

Previews

White Background



This preview shows how the XYZ color 69.0311, 57.2170, 71.6956 looks on a white background.

Color Contrast Check

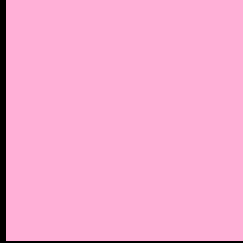
Large Text (above 18pt) WCAG AA × Fail

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 69.0311, 57.2170, 71.6956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

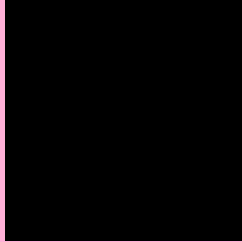
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0311, 57.2170, 71.6956

Background



This preview shows how black text looks on a background with the XYZ color 69.0311, 57.2170, 71.6956.



This preview shows how white text looks on a background with the XYZ color 69.0311, 57.2170,

71.6956.

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

69.0311, 57.2170, 71.6956

Protanopia

56.5851, 57.5146, 82.2478

Deuteranopia

58.6160, 57.4832, 70.2933



Tritanopia

66.2037, 57.2330, 58.5967

Trichromacy



Original Color

69.0311, 57.2170, 71.6956



Protanomaly

60.1869, 56.8077, 78.3138



Deuteranomaly

61.7755, 56.8387, 70.6658



Tritanomaly

67.2888, 57.3871, 63.4074

Monochromacy



Original Color

69.0311, 57.2170, 71.6956



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

61.1084, 58.8256, 67.8082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0311, 57.2170, 71.6956 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, 176, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 215)  
}
```

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, 176, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 215) }
```

Border

The CSS property to change the border of an element to XYZ 69.0311, 57.2170, 71.6956 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, 176, 215) }
```


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

```
.border{ border-color:rgb(255, 176, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0311, 57.2170, 71.6956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 215) }
```

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

```
.background{ background-color: rgb(255,  
176, 215) }
```

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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