

Converting Colors

XYZ(109.6372, 80.8617,
69.6663)

Have a look what the booklet for
XYZ(109.6372, 80.8617, 69.6663)
contains.

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Color

**XYZ(69.9741, 60.5120,
67.6665)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9D0
RGB	255, 185, 208
RGB Percent	100%, 73%, 82%
CMY	0.0000, 0.2745, 0.1843
CMYK	0.00, 0.27, 0.18, 0.00
HSL	340°, 100%, 86%
HSV	340°, 27%, 100%
XYZ	69.9741, 60.5120, 67.6665
YIQ	208.5520, 34.3370, 21.9930

Conversions

Conversions Part 2

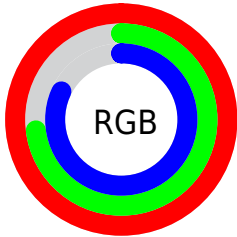
Format	Color
R _Y B	255, 185, 208
Decimal	16759248
CIE Lab	82.12, 28.57, -1.51
CIE LCh	82, 28.605, 356.976
Yxy	60.5120, 0.3531, 0.3054
Android (android.graphics.Color)	4294949328 (0xFFFFB9D0)
YUV	208.5520, -0.2721, 40.7349
Hunter-Lab	77.7895, 24.4349, 2.8782

Details

The XYZ color **69.9741, 60.5120, 67.6665** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.3353, 87.6615, 89.5609**, and the grayscale version is **60.3000, 63.4403, 69.0865**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **36.9750, 30.4360, 34.4978** is the 20% darker color. If you saturate the color by 10%, you get **63.1160, 49.9870, 55.5422**, and if you desaturate by 10%, it is **78.0193, 73.0466, 81.3101**.

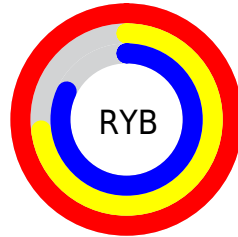
Distribution



Red (100%)

Green (73%)

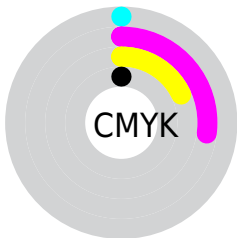
Blue (82%)



Red (100%)

Yellow (73%)

Blue (82%)

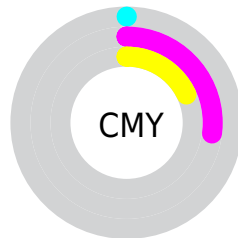


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.9741, 60.5120, 67.6665 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 69.9741, 60.5120, 67.6665 by changing the saturation by 10% instead.

69.9741, 60.5120,
67.6665

69.9741, 60.5120,
67.6665

449.7269,
426.4824, 470.8794

51.7849, 43.8315,
49.1615

118.1983,
105.5720, 117.5246

37.0573, 30.5380,
34.3811

148.9640,
134.7203, 149.7148

25.4257, 20.2473,
22.9068

184.6527,
168.7933, 187.3038

16.5249, 12.5750,
14.3200

225.6296,
208.1753, 230.7101

9.9896, 7.1365,
8.2023

272.2601,
253.2509, 280.3522

5.4542, 3.5476,
4.1350


324.9096,

2.5536, 1.4239,


304.4043, 336.6488


1.6997


383.9434,
362.0200, 400.0184


 0.9224, 0.2342,
0.3605


 0.0000, 0.0000,
0.0000


 69.9741, 60.5120,
67.6665


 69.9741, 60.5120,
67.6665

 63.1160, 49.9870,
55.5422


 78.0193, 73.0466,
81.3101

 57.3822, 41.3584,
44.8786

 87.3013, 87.6801,
96.5212

 52.7107, 34.5141,
35.6183

95.0500, 100.0000,
108.9000

 49.0314, 29.3265,
27.6988

■ 46.2653, 25.6514,
21.0517

■ 44.3202, 23.3188,
15.6015

■ 43.0780, 22.1082,
11.2606

■ 42.8314, 21.8966,
10.3104

Harmonies

Analogous

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



67.8653, 60.5120, 85.8333



69.9741, 60.5120, 67.6665



68.5552, 60.5120, 51.8591

Triad

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



69.9741, 60.5120, 67.6665



52.3817, 60.5120, 40.3634



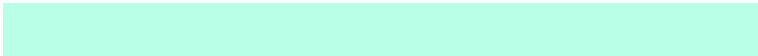
51.3860, 60.5120, 98.0719

Complementary

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



69.9741, 60.5120, 67.6665



70.3353, 87.6615, 89.5609

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.



47.7284, 60.5120, 82.2414



69.9741, 60.5120, 67.6665



48.2742, 60.5120, 49.2986

Square

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



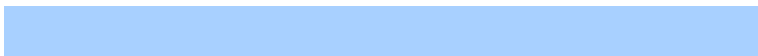
69.9741, 60.5120, 67.6665



58.1328, 60.5120, 37.8289



46.6299, 60.5120, 64.1395



56.9013, 60.5120, 105.2178

Rectangle

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



69.9741, 60.5120, 67.6665



65.8509, 60.5120, 44.3485



46.6299, 60.5120, 64.1395



49.9137, 60.5120, 93.4673

Sweetspot

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



69.9756, 60.5147, 67.6677



86.7563, 86.8168, 95.6406



68.5716, 59.0210, 102.3858



18.2554, 18.0855, 19.9622



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.



69.9756, 60.5147, 67.6677



66.0249, 54.4293, 60.7524



69.8894, 64.5467, 54.6776



18.2554, 18.0855, 19.9622



22.4413, 11.4658, 5.7083



2.2330, 1.1356, 0.8082

Inverse Universe

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



69.9756, 60.5147, 67.6677



66.0249, 54.4293, 60.7524



70.2099, 81.8366, 106.7033



18.2554, 18.0855, 19.9622



22.4413, 11.4658, 5.7083



2.2330, 1.1356, 0.8082

Previews

White Background



This preview shows how the XYZ color 69.9741, 60.5120, 67.6665 looks on a white background.

Color Contrast Check

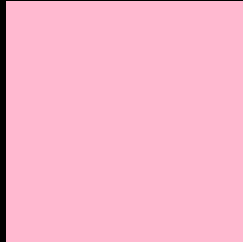
Large Text (above 18pt) WCAG AA × Fail

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 69.9741, 60.5120, 67.6665 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 69.9741, 60.5120, 67.6665

Background



This preview shows how black text looks on a background with the XYZ color 69.9741, 60.5120, 67.6665.



This preview shows how white text looks on a background with the XYZ color 69.9741, 60.5120,

67.6665.

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

69.9741, 60.5120, 67.6665

Protanopia

59.0440, 60.6637, 75.6151

Deuteranopia

62.0751, 60.6917, 66.8355



Tritanopia

68.9746, 60.4057, 63.2824

Trichromacy



Original Color

69.9741, 60.5120, 67.6665



Protanomaly

62.4371, 60.0741, 72.5947



Deuteranomaly

64.5934, 60.3071, 67.2675



Tritanomaly

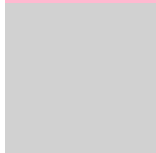
69.3310, 60.5483, 65.1596

Monochromacy



Original Color

69.9741, 60.5120, 67.6665



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

63.5269, 62.0808, 68.9562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9741, 60.5120, 67.6665 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, 185, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 208)  
}
```

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, 185, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 208) }
```

Border

The CSS property to change the border of an element to XYZ 69.9741, 60.5120, 67.6665 is called "border". The border property can be set on classes, ids or directly on the HTML element.

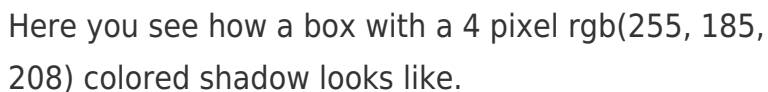
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 185, 208) }
```


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

```
.border{ border-color:rgb(255, 185, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 185, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9741, 60.5120, 67.6665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 208) }
```

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

```
.background{ background-color: rgb(255,  
185, 208) }
```

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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