

Converting Colors

XYZ(92.0902, 72.4886, 65.0903)

Have a look what the booklet for XYZ(92.0902, 72.4886, 65.0903) contains.

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Color

**XYZ(69.6710, 61.0649,
63.9918)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBBCA
RGB	255, 187, 202
RGB Percent	100%, 73%, 79%
CMY	0.0000, 0.2666, 0.2078
CMYK	0.00, 0.27, 0.21, 0.00
HSL	347°, 100%, 87%
HSV	347°, 27%, 100%
XYZ	69.6710, 61.0649, 63.9918
YIQ	209.0420, 35.7130, 19.0810

Conversions

Conversions Part 2

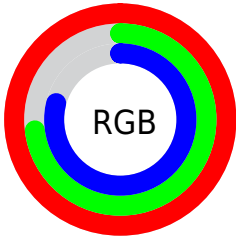
Format	Color
R _Y B	255, 187, 202
Decimal	16759754
CIE Lab	82.41, 26.63, 2.15
CIE LCh	82, 26.715, 4.620
Yxy	61.0649, 0.3578, 0.3136
Android (android.graphics.Color)	4294949834 (0xFFFFBBCA)
YUV	209.0420, -3.4717, 40.3052
Hunter-Lab	78.1440, 22.3935, 6.1485

Details

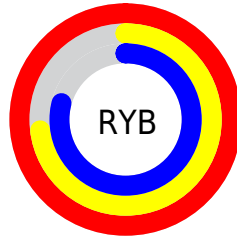
The XYZ color **69.6710, 61.0649, 63.9918** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9839, 88.3771, 95.7064**, and the grayscale version is **60.6387, 63.7966, 69.4745**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **36.7588, 30.7835, 32.0214** is the 20% darker color. If you saturate the color by 10%, you get **62.5299, 50.3096, 50.7388**, and if you desaturate by 10%, it is **78.0786, 73.8678, 79.1640**.

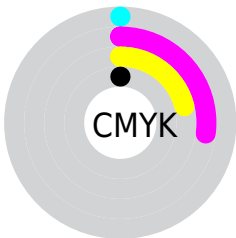
Distribution



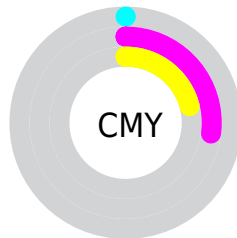
- Red (100%)
- Green (73%)
- Blue (79%)



- Red (100%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (27%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6710, 61.0649, 63.9918 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 69.6710, 61.0649, 63.9918 by changing the saturation by 10% instead.

69.6710, 61.0649,
63.9918

69.6710, 61.0649,
63.9918

448.6784,
428.5119, 457.3667

51.5370, 44.2775,
46.1979

117.7683,
106.3729, 112.1985

36.8589, 30.8888,
32.0522

148.4623,
135.6623, 143.4483

25.2715, 20.5142,
21.1362

184.0736,
169.8879, 180.0206

16.4092, 12.7693,
13.0314

224.9677,
209.4341, 222.3338

9.9069, 7.2699,
7.3192

271.5099,
254.6851, 270.8064

5.3990, 3.6315,
3.5811


324.0655,

2.5204, 1.4696,


306.0255, 325.8571


1.3984


382.9999,
363.8397, 387.9043


 0.9056, 0.2672,
0.1405


 0.0000, 0.0000,
0.0000


 69.6710, 61.0649,
63.9918


 69.6710, 61.0649,
63.9918

 62.5299, 50.3096,
50.7388


 78.0786, 73.8678,
79.1640

 56.5888, 41.4876,
39.3238

 87.8064, 88.8087,
96.3247

 51.7812, 34.4856,
29.6653

95.0500, 100.0000,
108.9000

 48.0327, 29.1754,
21.6738

■ 45.2592, 25.4119,
15.2517

■ 43.3637, 23.0250,
10.2905

■ 42.2258, 21.8021,
6.6659

■ 41.9596, 21.5478,
5.7195

Harmonies

Analogous

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



68.5222, 61.0649, 80.8792



69.6710, 61.0649, 63.9918



67.5403, 61.0649, 50.1955

Triad

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



69.6710, 61.0649, 63.9918



52.0306, 61.0649, 43.8487



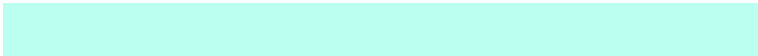
53.4659, 61.0649, 99.0909

Complementary

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



69.6710, 61.0649, 63.9918



71.9839, 88.3771, 95.7064

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.



49.4758, 61.0649, 85.9750



69.6710, 61.0649, 63.9918



48.6860, 61.0649, 53.9162

Square

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



69.6710, 61.0649, 63.9918



57.1616, 61.0649, 39.8417



47.7820, 61.0649, 69.0509



58.9280, 61.0649, 102.9620

Rectangle

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



69.6710, 61.0649, 63.9918



64.6239, 61.0649, 44.0301



47.7820, 61.0649, 69.0509



51.9199, 61.0649, 95.5224

Sweetspot

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



69.6725, 61.0676, 63.9930



86.4285, 86.6857, 93.9148



71.4638, 61.1375, 102.6419



18.1733, 18.0527, 19.5300



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

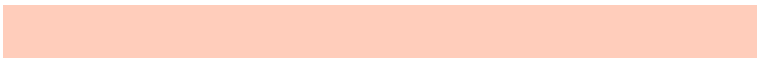
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.6725, 61.0676, 63.9930



65.7080, 55.0798, 56.6872



72.0746, 68.5768, 56.4551



18.1733, 18.0527, 19.5300



21.9699, 11.2773, 3.2260



2.1778, 1.1135, 0.5177

Inverse Universe

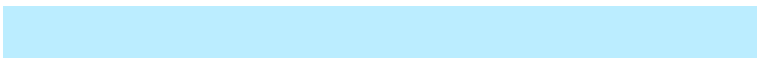
The Inverse Universe completely reimagines the original color for something new.



69.6725, 61.0676, 63.9930



65.7080, 55.0798, 56.6872



68.7911, 78.2777, 106.0912



18.1733, 18.0527, 19.5300



21.9699, 11.2773, 3.2260



2.1778, 1.1135, 0.5177

Previews

White Background



This preview shows how the XYZ color 69.6710, 61.0649, 63.9918 looks on a white background.

Color Contrast Check

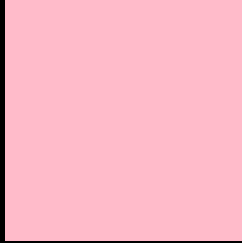
Large Text (above 18pt) WCAG AA × Fail

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 69.6710, 61.0649, 63.9918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

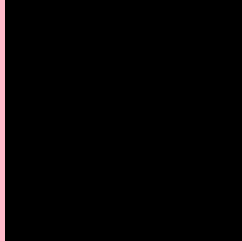
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6710, 61.0649, 63.9918

Background



This preview shows how black text looks on a background with the XYZ color 69.6710, 61.0649, 63.9918.



This preview shows how white text looks on a background with the XYZ color 69.6710, 61.0649,

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

69.6710, 61.0649, 63.9918

Protanopia

59.2087, 61.2046, 70.9804

Deuteranopia

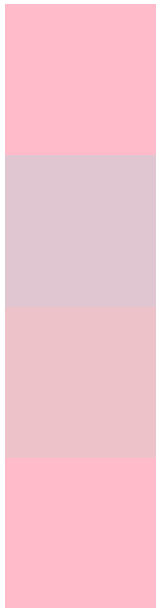
62.5273, 61.3479, 63.1894



Tritanopia

69.5529, 61.0177, 63.3701

Trichromacy



Original Color

69.6710, 61.0649, 63.9918

Protanomaly

62.3197, 60.7895, 68.1235

Deuteranomaly

64.9828, 61.2518, 63.6562

Tritanomaly

69.5529, 61.0177, 63.3701

Monochromacy



Original Color

69.6710, 61.0649, 63.9918

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

63.3913, 62.3983, 67.0955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6710, 61.0649, 63.9918 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, 187, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 202)  
}
```

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, 187, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 202) }
```

Border

The CSS property to change the border of an element to XYZ 69.6710, 61.0649, 63.9918 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, 187, 202) }
```


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

```
.border{ border-color:rgb(255, 187, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6710, 61.0649, 63.9918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 202) }
```

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

```
.background{ background-color: rgb(255,  
187, 202) }
```

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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