

Converting Colors

XYZ(80.2030, 66.1551, 64.0611)

Have a look what the booklet for
XYZ(80.2030, 66.1551, 64.0611)
contains.

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Color

**XYZ(69.3415, 60.5949,
63.2996)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAC9
RGB	255, 186, 201
RGB Percent	100%, 73%, 79%
CMY	0.0000, 0.2706, 0.2118
CMYK	0.00, 0.27, 0.21, 0.00
HSL	347°, 100%, 86%
HSV	347°, 27%, 100%
XYZ	69.3415, 60.5949, 63.2996
YIQ	208.3410, 36.3090, 19.2930

Conversions

Conversions Part 2

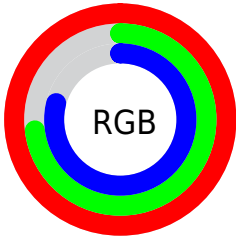
Format	Color
R_{YB}	255, 186, 201
Decimal	16759497
CIE _{Lab}	82.16, 27.01, 2.32
CIE _{LCh}	82, 27.107, 4.913
Yxy	60.5949, 0.3588, 0.3136
Android (android.graphics.Color)	4294949577 (0xFFFFBAC9)
YUV	208.3410, -3.6191, 40.9199
Hunter-Lab	77.8427, 22.7812, 6.2769

Details

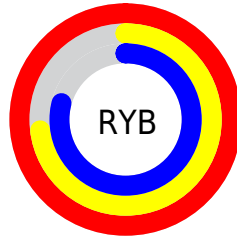
The XYZ color **69.3415, 60.5949, 63.2996** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7402, 88.2515, 95.6953**, and the grayscale version is **60.1831, 63.3173, 68.9525**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **36.5437, 30.4794, 31.5608** is the 20% darker color. If you saturate the color by 10%, you get **62.2437, 49.9155, 50.0934**, and if you desaturate by 10%, it is **77.7060, 73.3188, 78.4345**.

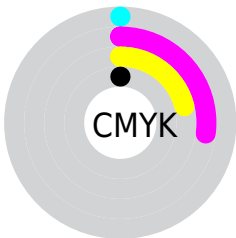
Distribution



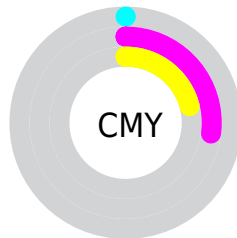
- Red (100%)
- Green (73%)
- Blue (79%)



- 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 69.3415, 60.5949, 63.2996 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 69.3415, 60.5949, 63.2996 by changing the saturation by 10% instead.


 69.3415, 60.5949,
63.2996

 69.3415, 60.5949,
63.2996


447.5371,
426.7871, 454.7938

 51.2675, 43.8983,
45.6411


 117.3006,
105.6922, 111.1914

 36.6435, 30.5906,
31.6161


147.9165,
134.8616, 142.2617

 25.1040, 20.2873,
20.8060


183.4436,
168.9575, 178.6397

 16.2837, 12.6040,
12.7924

224.2475,
208.3642, 220.7439

 9.8172, 7.1565,
7.1567

270.6934,
253.4661, 268.9929

 5.3393, 3.5601,
3.4804


323.1468,


 2.4845, 1.4307,


304.6477, 323.8052


1.3448


381.9729,
362.2932, 385.5993


 0.8874, 0.2392,
0.0981


 0.0000, 0.0000,
0.0000


 69.3415, 60.5949,
63.2996


 69.3415, 60.5949,
63.2996

 62.2437, 49.9155,
50.0934


 77.7060, 73.3188,
78.4345

 56.3454, 41.1660,
38.7338

 87.3908, 88.1780,
95.5682

 51.5800, 34.2325,
29.1380

95.0500, 100.0000,
108.9000

 47.8724, 28.9863,
21.2155

■ 45.1381, 25.2812,
14.8671

■ 43.2788, 22.9460,
9.9825

■ 42.1718, 21.7631,
6.4348

■ 41.9397, 21.5399,
5.6147

Harmonies

Analogous

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



68.2119, 60.5949, 80.3527



69.3415, 60.5949, 63.2996



67.1562, 60.5949, 49.4457

Triad

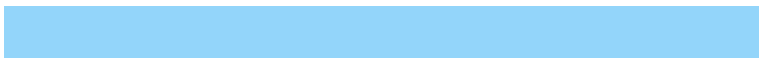
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.3415, 60.5949, 63.2996



51.4877, 60.5949, 43.2458



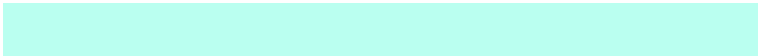
53.0265, 60.5949, 99.0555

Complementary

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



69.3415, 60.5949, 63.2996



71.7402, 88.2515, 95.6953

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.



48.9849, 60.5949, 85.8359



69.3415, 60.5949, 63.2996



48.1388, 60.5949, 53.4280

Square

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



69.3415, 60.5949, 63.2996



56.6508, 60.5949, 39.1640



47.2538, 60.5949, 68.7300



58.5469, 60.5949, 102.8720

Rectangle

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



69.3415, 60.5949, 63.2996



64.1939, 60.5949, 43.2875



47.2538, 60.5949, 68.7300



51.4621, 60.5949, 95.4674

Sweetspot

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



69.3430, 60.5976, 63.3008



86.4189, 86.6819, 93.8639



71.1736, 60.6741, 102.5678



18.1709, 18.0517, 19.5173



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.



69.3430, 60.5976, 63.3008



65.6792, 55.0683, 56.5355



71.7928, 68.1838, 55.8349



18.1709, 18.0517, 19.5173



21.9590, 11.2729, 3.1685



2.1764, 1.1129, 0.5104

Inverse Universe

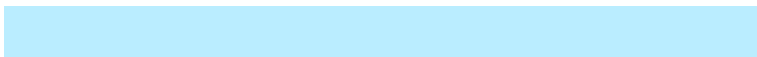
The Inverse Universe completely reimagines the original color for something new.



69.3430, 60.5976, 63.3008



65.6792, 55.0683, 56.5355



68.4703, 77.9979, 106.0541



18.1709, 18.0517, 19.5173



21.9590, 11.2729, 3.1685



2.1764, 1.1129, 0.5104

Previews

White Background



This preview shows how the XYZ color 69.3415, 60.5949, 63.2996 looks on a white background.

Color Contrast Check

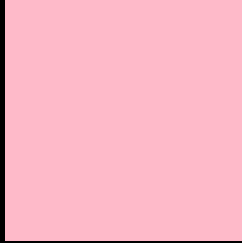
Large Text (above 18pt) WCAG AA × Fail

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 69.3415, 60.5949, 63.2996 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 69.3415, 60.5949, 63.2996

Background



This preview shows how black text looks on a background with the XYZ color 69.3415, 60.5949, 63.2996.



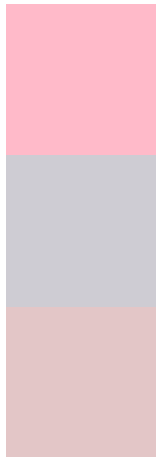
This preview shows how white text looks on a background with the XYZ color 69.3415, 60.5949,

63.2996.

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

69.3415, 60.5949, 63.2996

Protanopia

58.8043, 61.0107, 70.3049

Deuteranopia

62.1814, 60.8426, 62.4993



Tritanopia

69.2242, 60.5479, 62.6820

Trichromacy



Original Color

69.3415, 60.5949, 63.2996

Protanomaly

61.9692, 60.2848, 67.4015

Deuteranomaly

64.6422, 60.7582, 62.9641

Tritanomaly

69.2242, 60.5479, 62.6820

Monochromacy



Original Color

69.3415, 60.5949, 63.2996

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.7251, 61.7239, 66.3655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3415, 60.5949, 63.2996 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, 186, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 201)  
}
```

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, 186, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 201) }
```

Border

The CSS property to change the border of an element to XYZ 69.3415, 60.5949, 63.2996 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, 186, 201) }
```


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

```
.border{ border-color:rgb(255, 186, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3415, 60.5949, 63.2996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 201) }
```

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

```
.background{ background-color: rgb(255,  
186, 201) }
```

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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