

Converting Colors

XYZ(69.4989, 60.7084, 63.9725)

Have a look what the booklet for
XYZ(69.4989, 60.7084, 63.9725)
contains.

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Color

**XYZ(69.4596, 60.6421,
63.9213)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBACA
RGB	255, 186, 202
RGB Percent	100%, 73%, 79%
CMY	0.0000, 0.2706, 0.2078
CMYK	0.00, 0.27, 0.21, 0.00
HSL	346°, 100%, 86%
HSV	346°, 27%, 100%
XYZ	69.4596, 60.6421, 63.9213
YIQ	208.4550, 35.9880, 19.6040

Conversions

Conversions Part 2

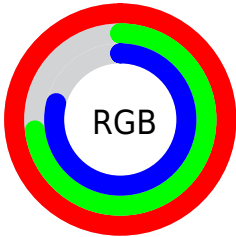
Format	Color
R _Y B	255, 186, 202
Decimal	16759498
CIE Lab	82.19, 27.15, 1.82
CIE LCh	82, 27.214, 3.836
Yxy	60.6421, 0.3580, 0.3126
Android (android.graphics.Color)	4294949578 (0xFFFFBACA)
YUV	208.4550, -3.1823, 40.8200
Hunter-Lab	77.8730, 22.9370, 5.8435

Details

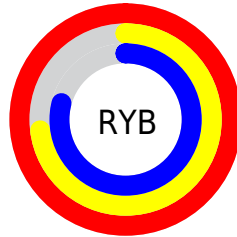
The XYZ color **69.4596, 60.6421, 63.9213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.5919, 88.1922, 94.9147**, and the grayscale version is **60.2545, 63.3924, 69.0344**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **36.6225, 30.5110, 31.9760** is the 20% darker color. If you saturate the color by 10%, you get **62.3850, 49.9720, 50.8376**, and if you desaturate by 10%, it is **77.7901, 73.3524, 78.8776**.

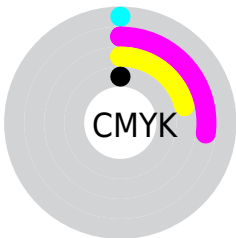
Distribution



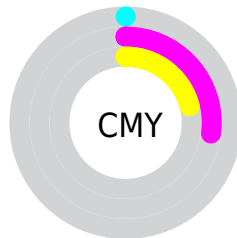
- Red (100%)
- Green (73%)
- Blue (79%)



- 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 69.4596, 60.6421, 63.9213 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 69.4596, 60.6421, 63.9213 by changing the saturation by 10% instead.

 69.4596, 60.6421,
63.9213

 69.4596, 60.6421,
63.9213


447.9463,
426.9605, 457.1050

 51.3641, 43.9364,
46.1412


 117.4683,
105.7606, 112.0960

 36.7207, 30.6205,
32.0078


148.1121,
134.9421, 143.3276

 25.1640, 20.3100,
21.1026


183.6695,
169.0510, 179.8801

 16.3286, 12.6206,
13.0070

224.5057,
208.4718, 222.1720

 9.8493, 7.1678,
7.3026

270.9862,
253.5887, 270.6220

 5.3607, 3.5673,
3.5707

323.4762,

 2.4973, 1.4346,

304.7862, 325.6484

1.3929

382.3411,
362.4487, 387.6699

■ 0.8939, 0.2420,
0.1362

■ 0.0000, 0.0000,
0.0000

■ 69.4596, 60.6421,
63.9213

■ 69.4596, 60.6421,
63.9213

■ 62.3850, 49.9720,
50.8376

■ 77.7901, 73.3524,
78.8776

■ 56.5000, 41.2278,
39.5479

■ 87.4298, 88.1935,
95.7734

■ 51.7387, 34.2960,
29.9735

95.0500, 100.0000,
108.9000

■ 48.0267, 29.0480,
22.0279

■ 45.2804, 25.3381,
15.6169

■ 43.4028, 22.9956,
10.6357

■ 42.2722, 21.8033,
6.9638

■ 42.0325, 21.5770,
6.1031

Harmonies

Analogous

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



68.2053, 60.6421, 81.0891



69.4596, 60.6421, 63.9213



67.3764, 60.6421, 49.8374

Triad

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



69.4596, 60.6421, 63.9213



51.6662, 60.6421, 42.9530



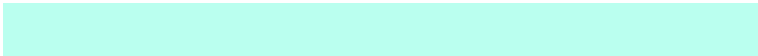
52.8734, 60.6421, 98.9323

Complementary

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



69.4596, 60.6421, 63.9213



71.5919, 88.1922, 94.9147

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.



48.8872, 60.6421, 85.3949



69.4596, 60.6421, 63.9213



48.2237, 60.6421, 52.9594

Square

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



69.4596, 60.6421, 63.9213



56.8978, 60.6421, 39.0801



47.2410, 60.6421, 68.1824



58.3856, 60.6421, 103.1703

Rectangle

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



69.4596, 60.6421, 63.9213



64.4519, 60.6421, 43.5125



47.2410, 60.6421, 68.1824



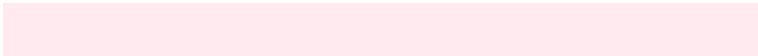
51.3230, 60.6421, 95.2186

Sweetspot

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



69.4610, 60.6448, 63.9225



86.4626, 86.6993, 94.0943



71.1736, 60.6740, 102.5677



18.1819, 18.0561, 19.5749



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.



69.4610, 60.6448, 63.9225



65.8101, 55.1206, 57.2246



71.7928, 68.1838, 55.8348



18.1819, 18.0561, 19.5749



22.0098, 11.2932, 3.4361



2.1828, 1.1155, 0.5440

Inverse Universe

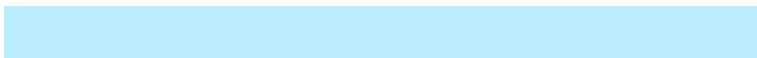
The Inverse Universe completely reimagines the original color for something new.



69.4610, 60.6448, 63.9225



65.8101, 55.1206, 57.2246



68.4702, 77.9979, 106.0541



18.1819, 18.0561, 19.5749



22.0098, 11.2932, 3.4361



2.1828, 1.1155, 0.5440

Previews

White Background



This preview shows how the XYZ color 69.4596, 60.6421, 63.9213 looks on a white background.

Color Contrast Check

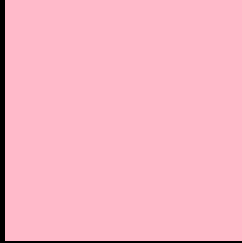
Large Text (above 18pt) WCAG AA × Fail

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 69.4596, 60.6421, 63.9213 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 69.4596, 60.6421, 63.9213

Background



This preview shows how black text looks on a background with the XYZ color 69.4596, 60.6421, 63.9213.



This preview shows how white text looks on a background with the XYZ color 69.4596, 60.6421,

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

69.4596, 60.6421, 63.9213

Protanopia

58.9301, 61.0610, 70.9674

Deuteranopia

61.9834, 60.7270, 63.0982



Tritanopia

69.3415, 60.5949, 63.2996

Trichromacy



Original Color

69.4596, 60.6421, 63.9213

Protanomaly

62.0919, 60.3339, 68.0475

Deuteranomaly

64.7595, 60.8051, 63.5817

Tritanomaly

69.3415, 60.5949, 63.2996

Monochromacy



Original Color

69.4596, 60.6421, 63.9213

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.8462, 61.7723, 67.0034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4596, 60.6421, 63.9213 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 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, 186, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 202) }
```

Border

The CSS property to change the border of an element to XYZ 69.4596, 60.6421, 63.9213 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, 202) }
```


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

```
.border{ border-color:rgb(255, 186, 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, 186, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4596, 60.6421, 63.9213 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, 202) }
```

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

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