

Converting Colors

XYZ(82.4332, 66.0232, 68.2697)

Have a look what the booklet for
XYZ(82.4332, 66.0232, 68.2697)
contains.

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Color

**XYZ(69.3531, 59.2700,
67.4594)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6D0
RGB	255, 182, 208
RGB Percent	100%, 71%, 82%
CMY	0.0000, 0.2862, 0.1843
CMYK	0.00, 0.29, 0.18, 0.00
HSL	339°, 100%, 86%
HSV	339°, 29%, 100%
XYZ	69.3531, 59.2700, 67.4594
YIQ	206.7910, 35.1620, 23.5620

Conversions

Conversions Part 2

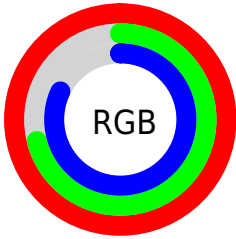
Format	Color
R _Y B	255, 182, 208
Decimal	16758480
CIE Lab	81.44, 30.14, -2.50
CIE LCh	81, 30.243, 355.258
Yxy	59.2700, 0.3537, 0.3023
Android (android.graphics.Color)	4294948560 (0xFFFFB6D0)
YUV	206.7910, 0.5960, 42.2793
Hunter-Lab	76.9870, 26.0729, 1.9384

Details

The XYZ color **69.3531, 59.2700, 67.4594** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.1965, 87.1233, 87.3020**, and the grayscale version is **59.1555, 62.2362, 67.7752**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **36.5779, 29.6418, 34.3654** is the 20% darker color. If you saturate the color by 10%, you get **62.6818, 48.9945, 55.7800**, and if you desaturate by 10%, it is **77.1873, 71.5360, 80.5596**.

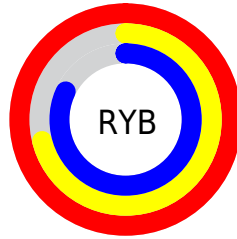
Distribution



Red (100%)

Green (71%)

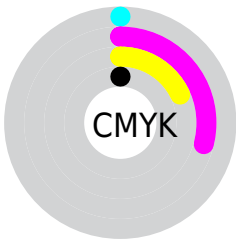
Blue (82%)



Red (100%)

Yellow (71%)

Blue (82%)

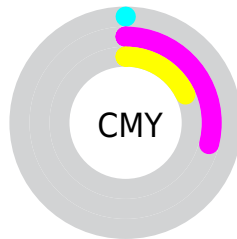


Cyan (0%)

Magenta (29%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3531, 59.2700, 67.4594 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 69.3531, 59.2700, 67.4594 by changing the saturation by 10% instead.


 69.3531, 59.2700,
67.4594

 69.3531, 59.2700,
67.4594


447.5773,
421.9018, 470.1242

 51.2770, 42.8305,
48.9941


 117.3171,
103.7700, 117.2253

 36.6511, 29.7522,
34.2492


147.9357,
132.5993, 149.3631

 25.1099, 19.6505,
22.8062

183.4658,
166.3272, 186.8954

 16.2881, 12.1413,
14.2465

224.2729,
205.3383, 230.2407

 9.8204, 6.8400,
8.1516

270.7222,
250.0170, 279.8178

 5.3414, 3.3622,
4.1030


323.1791,

 2.4857, 1.3236,


300.7475, 336.0450


1.6820


382.0090,
357.9143, 399.3410


 0.8881, 0.1594,
0.3484


 0.0000, 0.0000,
0.0000


 69.3531, 59.2700,
67.4594


 69.3531, 59.2700,
67.4594

 62.6818, 48.9945,
55.7800


 77.1873, 71.5360,
80.5596

 57.1111, 40.5959,
45.4673

 86.2338, 85.8827,
95.1249

 52.5792, 33.9610,
36.4687

95.0500, 100.0000,
108.9000

 49.0161, 28.9610,
28.7262

■ 46.3427, 25.4497,
22.1769

■ 44.4662, 23.2537,
16.7509

■ 43.2569, 22.1277,
12.3632

■ 43.1202, 22.0121,
11.8310

Harmonies

Analogous

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



66.9375, 59.2700, 86.5039



69.3531, 59.2700, 67.4594



68.0725, 59.2700, 50.7770

Triad

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



69.3531, 59.2700, 67.4594



51.2997, 59.2700, 37.8681



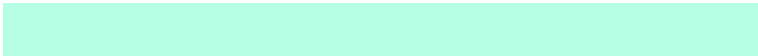
49.6799, 59.2700, 97.6189

Complementary

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



69.3531, 59.2700, 67.4594



69.1965, 87.1233, 87.3020

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.



46.0296, 59.2700, 80.5775



69.3531, 59.2700, 67.4594



46.9146, 59.2700, 46.6412

Square

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



69.3531, 59.2700, 67.4594



57.3464, 59.2700, 35.6607



45.0562, 59.2700, 61.6963



55.3342, 59.2700, 105.8713

Rectangle

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



69.3531, 59.2700, 67.4594



65.3421, 59.2700, 42.8106



45.0562, 59.2700, 61.6963



48.1950, 59.2700, 92.5897

Sweetspot

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



69.3546, 59.2726, 67.4606



85.8720, 85.3059, 94.5516



66.8490, 57.2110, 102.1273



18.0833, 17.7862, 19.7662



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.



69.3546, 59.2726, 67.4606



65.6273, 53.5079, 61.0091



68.4765, 62.2223, 52.6604



18.2766, 18.0939, 20.0736



22.5955, 11.5275, 6.5204



2.2498, 1.1423, 0.8970

Inverse Universe

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



69.3546, 59.2726, 67.4606



65.6273, 53.5079, 61.0091



70.0763, 82.6327, 106.8640



18.2766, 18.0939, 20.0736



22.5955, 11.5275, 6.5204



2.2498, 1.1423, 0.8970

Previews

White Background



This preview shows how the XYZ color 69.3531, 59.2700, 67.4594 looks on a white background.

Color Contrast Check

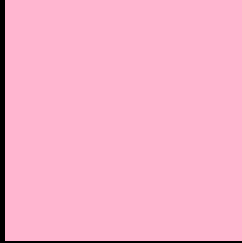
Large Text (above 18pt) WCAG AA × Fail

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 69.3531, 59.2700, 67.4594 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 69.3531, 59.2700, 67.4594

Background



This preview shows how black text looks on a background with the XYZ color 69.3531, 59.2700, 67.4594.



This preview shows how white text looks on a background with the XYZ color 69.3531, 59.2700,

67.4594.

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

69.3531, 59.2700, 67.4594

Protanopia

57.8923, 59.3581, 76.1162

Deuteranopia

60.5782, 59.2598, 66.0031



Tritanopia

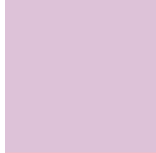
68.2066, 59.4290, 61.3022

Trichromacy



Original Color

69.3531, 59.2700, 67.4594



Protanomaly

61.5052, 58.9136, 73.0955



Deuteranomaly

63.3757, 59.0415, 66.4484



Tritanomaly

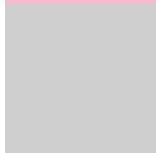
68.4672, 59.2021, 63.6956

Monochromacy



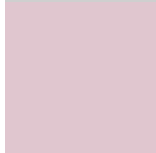
Original Color

69.3531, 59.2700, 67.4594



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.1970, 60.7405, 67.4774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3531, 59.2700, 67.4594 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, 182, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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, 182, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 208) }
```

Border

The CSS property to change the border of an element to XYZ 69.3531, 59.2700, 67.4594 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, 182, 208) }
```


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

```
.border{ border-color:rgb(255, 182, 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, 182, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3531, 59.2700, 67.4594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 208) }
```

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

```
.background{ background-color: rgb(255,  
182, 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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