

Converting Colors

XYZ(69.2771, 58.1270, 70.4896)

Have a look what the booklet for
XYZ(69.2771, 58.1270, 70.4896)
contains.

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Color

**XYZ(69.3703, 58.3043,
70.5484)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB3D5
RGB	255, 179, 213
RGB Percent	100%, 70%, 84%
CMY	0.0000, 0.2980, 0.1647
CMYK	0.00, 0.30, 0.16, 0.00
HSL	333°, 100%, 85%
HSV	333°, 30%, 100%
XYZ	69.3703, 58.3043, 70.5484
YIQ	205.6000, 34.3820, 26.6860

Conversions

Conversions Part 2

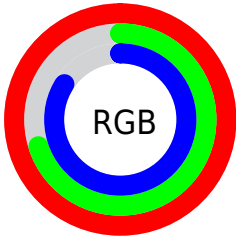
Format	Color
R _Y B	255, 179, 213
Decimal	16757717
CIE Lab	80.91, 32.47, -5.98
CIE LCh	81, 33.016, 349.562
Yxy	58.3043, 0.3500, 0.2941
Android (android.graphics.Color)	4294947797 (0xFFFFB3D5)
YUV	205.6000, 3.6482, 43.3238
Hunter-Lab	76.3573, 28.5414, -1.3295

Details

The XYZ color **69.3703, 58.3043, 70.5484** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.4037, 86.3252, 81.5201**, and the grayscale version is **58.3740, 61.4140, 66.8798**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **36.5311, 29.0062, 36.0211** is the 20% darker color. If you saturate the color by 10%, you get **63.0124, 48.3278, 59.9841**, and if you desaturate by 10%, it is **76.8315, 70.2380, 82.2489**.

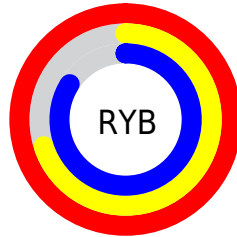
Distribution



Red (100%)

Green (70%)

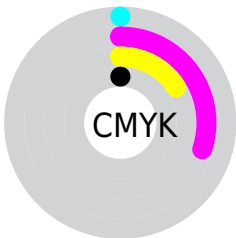
Blue (84%)



Red (100%)

Yellow (70%)

Blue (84%)

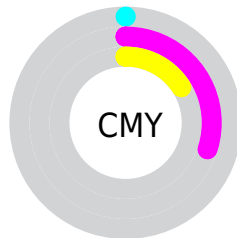


Cyan (0%)

Magenta (30%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3703, 58.3043, 70.5484 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 69.3703, 58.3043, 70.5484 by changing the saturation by 10% instead.


 69.3703, 58.3043,
70.5484

 69.3703, 58.3043,
70.5484


447.6369,
418.3189, 481.3142

 51.2911, 42.0533,
51.4942


 117.3415,
102.3659, 121.6789

 36.6623, 29.1431,
36.2226


147.9642,
130.9452, 154.5923

 25.1186, 19.1891,
24.3151


183.4987,
164.4029, 192.9625

 16.2946, 11.8070,
15.3532

224.3105,
203.1232, 237.2080

 9.8251, 6.6124,
8.9183

270.7648,
247.4905, 287.7474

 5.3445, 3.2209,
4.5918

323.2271,

 2.4876, 1.2481,

297.8893, 344.9992

1.9553

382.0627,
354.7040, 409.3820

■ 0.8890, 0.1005,
0.5276

■ 0.0000, 0.0000,
0.0000

■ 69.3703, 58.3043,
70.5484

■ 69.3703, 58.3043,
70.5484

■ 63.0124, 48.3278,
59.9841

■ 76.8315, 70.2380,
82.2489

■ 57.6975, 40.1950,
50.5142

■ 85.4437, 84.2192,
95.1181

■ 53.3655, 33.7923,
42.0994

95.0500, 100.0000,
108.9000

■ 49.9485, 28.9903,
34.6958

■ 47.3690, 25.6413,
28.2556

■ 45.5351, 23.5693,
22.7249

■ 44.3028, 22.4939,
18.0312

■ 44.2813, 22.4765,
17.9453

Harmonies

Analogous

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



66.0318, 58.3043, 91.1558



69.3703, 58.3043, 70.5484



68.7437, 58.3043, 51.6978

Triad

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



69.3703, 58.3043, 70.5484



51.1320, 58.3043, 34.2150



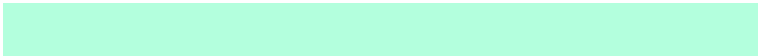
47.3227, 58.3043, 96.6510

Complementary

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



69.3703, 58.3043, 70.5484



67.4037, 86.3252, 81.5201

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.



43.9337, 58.3043, 76.9366



69.3703, 58.3043, 70.5484



46.0046, 58.3043, 42.0684

Square

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



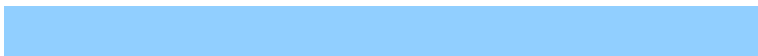
69.3703, 58.3043, 70.5484



57.8314, 58.3043, 33.1990



43.4718, 58.3043, 56.9067



53.0698, 58.3043, 108.1530

Rectangle

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



69.3703, 58.3043, 70.5484



66.1769, 58.3043, 42.4040



43.4718, 58.3043, 56.9067



45.8907, 58.3043, 90.5965

Sweetspot

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



69.3717, 58.3069, 70.5496



86.1853, 85.4312, 96.2012



63.9301, 54.8039, 101.8165



18.1603, 17.8170, 20.1714



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.



69.3717, 58.3069, 70.5496



65.3037, 51.8979, 63.8693



66.2708, 58.3019, 50.4117



18.3471, 18.1221, 20.4449



23.2106, 11.7735, 9.7592



2.3140, 1.1680, 1.2349

Inverse Universe

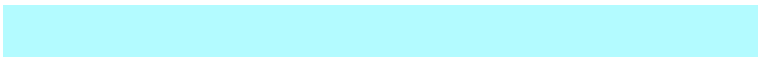
The Inverse Universe completely reimagines the original color for something new.



69.3717, 58.3069, 70.5496



65.3037, 51.8979, 63.8693



71.2016, 85.9240, 107.4400



18.3471, 18.1221, 20.4449



23.2106, 11.7735, 9.7592



2.3140, 1.1680, 1.2349

Previews

White Background



This preview shows how the XYZ color 69.3703, 58.3043, 70.5484 looks on a white background.

Color Contrast Check

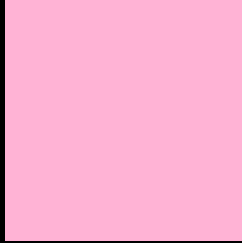
Large Text (above 18pt) WCAG AA × Fail

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 69.3703, 58.3043, 70.5484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

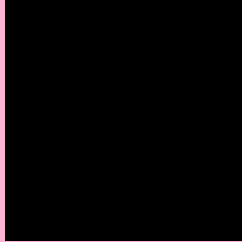
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3703, 58.3043, 70.5484

Background



This preview shows how black text looks on a background with the XYZ color 69.3703, 58.3043, 70.5484.



This preview shows how white text looks on a background with the XYZ color 69.3703, 58.3043,

70.5484.

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

69.3703, 58.3043, 70.5484

Protanopia

57.6704, 58.8053, 80.2625

Deuteranopia

59.7632, 58.4351, 69.1020



Tritanopia

67.1998, 58.3241, 59.9404

Trichromacy



Original Color

69.3703, 58.3043, 70.5484



Protanomaly

61.1142, 57.9798, 76.3768



Deuteranomaly

62.9105, 58.0873, 69.5242



Tritanomaly

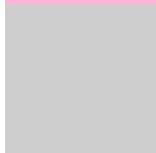
68.0576, 58.3828, 63.5591

Monochromacy



Original Color

69.3703, 58.3043, 70.5484



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

61.9890, 59.9306, 68.6222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3703, 58.3043, 70.5484 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, 179, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 213)  
}
```

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, 179, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 213) }
```

Border

The CSS property to change the border of an element to XYZ 69.3703, 58.3043, 70.5484 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, 179, 213) }
```


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

```
.border{ border-color:rgb(255, 179, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3703, 58.3043, 70.5484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 213) }
```

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

```
.background{ background-color: rgb(255,  
179, 213) }
```

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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