

Converting Colors

XYZ(93.6931, 71.4051, 74.5247)

Have a look what the booklet for
XYZ(93.6931, 71.4051, 74.5247)
contains.

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Color

**XYZ(70.2883, 59.3175,
73.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5D9
RGB	255, 181, 217
RGB Percent	100%, 71%, 85%
CMY	0.0000, 0.2902, 0.1490
CMYK	0.00, 0.29, 0.15, 0.00
HSL	331°, 100%, 85%
HSV	331°, 29%, 100%
XYZ	70.2883, 59.3175, 73.3905
YIQ	207.2300, 32.5480, 26.8840

Conversions

Conversions Part 2

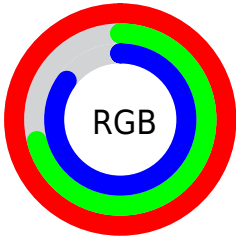
Format	Color
R _Y B	255, 181, 217
Decimal	16758233
CIE Lab	81.47, 32.04, -7.31
CIE LCh	81, 32.865, 347.144
Yxy	59.3175, 0.3463, 0.2922
Android (android.graphics.Color)	4294948313 (0xFFFFB5D9)
YUV	207.2300, 4.8166, 41.8943
Hunter-Lab	77.0179, 28.1220, -2.5851

Details

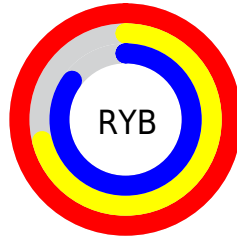
The XYZ color **70.2883, 59.3175, 73.3905** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.6043, 86.4592, 80.1463**, and the grayscale version is **59.4129, 62.5070, 68.0701**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **37.1369, 29.6577, 37.9496** is the 20% darker color. If you saturate the color by 10%, you get **63.9335, 49.2266, 63.1996**, and if you desaturate by 10%, it is **77.7298, 71.3653, 84.6120**.

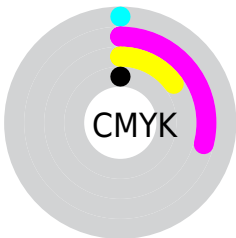
Distribution



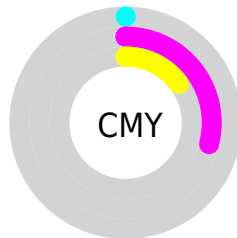
- Red (100%)
- Green (71%)
- Blue (85%)



- Red (100%)
- Yellow (71%)
- Blue (85%)



- Cyan (0%)
- Magenta (29%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.2883, 59.3175, 73.3905 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 70.2883, 59.3175, 73.3905 by changing the saturation by 10% instead.


 70.2883, 59.3175,
73.3905

 70.2883, 59.3175,
73.3905


450.8123,
422.0775, 491.4741

 52.0420, 42.8688,
53.8016


 118.6438,
103.8390, 125.7575

 37.2630, 29.7822,
38.0509

149.4838,
132.6805, 159.3726

 25.5858, 19.6733,
25.7201


185.2524,
166.4217, 198.5002

 16.6451, 12.1578,
16.3905

226.3150,
205.4471, 243.5588

 10.0755, 6.8512,
9.6435

273.0369,
250.1410, 294.9669

 5.5117, 3.3692,
5.0608

325.7836,

 2.5883, 1.3274,

300.8877, 353.1432

2.2236

384.9202,
358.0718, 418.5061

■ 0.9400, 0.1623,
0.6879

■ 0.0000, 0.0000,
0.0000

■ 70.2883, 59.3175,
73.3905

■ 70.2883, 59.3175,
73.3905

■ 63.9335, 49.2266,
63.1996

■ 77.7298, 71.3653,
84.6120

■ 58.6066, 40.9801,
54.0021

■ 86.3050, 85.4593,
96.8924

■ 54.2487, 34.4657,
45.7632

95.0500, 100.0000,
108.9000

■ 50.7934, 29.5556,
38.4440

■ 48.1649, 26.1041,
32.0022

■ 46.2740, 23.9382,
26.3898

■ 44.9903, 22.8036,
21.5445

■ 44.8811, 22.7164,
21.1038

Harmonies

Analogous

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



66.6460, 59.3175, 93.9414



70.2883, 59.3175, 73.3905



69.9919, 59.3175, 54.0480

Triad

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



70.2883, 59.3175, 73.3905



52.5684, 59.3175, 34.7217



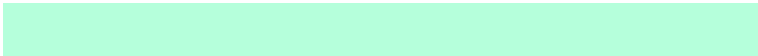
47.8503, 59.3175, 96.5386

Complementary

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



70.2883, 59.3175, 73.3905



67.6043, 86.4592, 80.1463

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.



44.6574, 59.3175, 76.4132



70.2883, 59.3175, 73.3905



47.2255, 59.3175, 42.0890

Square

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



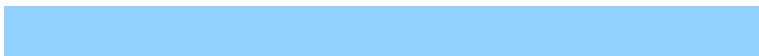
70.2883, 59.3175, 73.3905



59.3751, 59.3175, 34.2388



44.4384, 59.3175, 56.5167



53.4864, 59.3175, 109.0230

Rectangle

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



70.2883, 59.3175, 73.3905



67.5981, 59.3175, 44.3010



44.4384, 59.3175, 56.5167



46.4763, 59.3175, 90.2765

Sweetspot

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



70.2896, 59.3200, 73.3917



86.3207, 85.4854, 96.9145



63.4894, 55.1761, 101.9115



18.1936, 17.8303, 20.3468



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.



70.2896, 59.3200, 73.3917



66.3601, 53.0533, 67.1726



66.1062, 57.6467, 51.3621



18.3776, 18.1343, 20.6055



23.5262, 11.8998, 11.4211



2.3456, 1.1806, 1.4014

Inverse Universe

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



70.2896, 59.3200, 73.3917



66.3601, 53.0533, 67.1726



72.8675, 88.5645, 107.8619



18.3776, 18.1343, 20.6055



23.5262, 11.8998, 11.4211



2.3456, 1.1806, 1.4014

Previews

White Background



This preview shows how the XYZ color 70.2883, 59.3175, 73.3905 looks on a white background.

Color Contrast Check

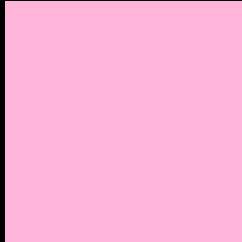
Large Text (above 18pt) WCAG AA × Fail

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 70.2883, 59.3175, 73.3905 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 70.2883, 59.3175, 73.3905

Background



This preview shows how black text looks on a background with the XYZ color 70.2883, 59.3175, 73.3905.



This preview shows how white text looks on a background with the XYZ color 70.2883, 59.3175,

73.3905.

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

70.2883, 59.3175, 73.3905

Protanopia

58.4583, 59.4922, 83.2650

Deuteranopia

60.7191, 59.5393, 71.9103



Tritanopia

67.8415, 59.2408, 61.2851

Trichromacy



Original Color

70.2883, 59.3175, 73.3905



Protanomaly

62.0958, 59.0799, 79.3649



Deuteranomaly

63.8515, 59.1568, 72.3430



Tritanomaly

68.8260, 59.3456, 65.5849

Monochromacy



Original Color

70.2883, 59.3175, 73.3905



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.6924, 60.9386, 70.0861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2883, 59.3175, 73.3905 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, 181, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 217)  
}
```

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, 181, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 217) }
```

Border

The CSS property to change the border of an element to XYZ 70.2883, 59.3175, 73.3905 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, 181, 217) }
```


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

```
.border{ border-color:rgb(255, 181, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2883, 59.3175, 73.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 217) }
```

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

```
.background{ background-color: rgb(255,  
181, 217) }
```

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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