

Converting Colors

XYZ(70.0152, 58.7622, 73.3282)

Have a look what the booklet for
XYZ(70.0152, 58.7622, 73.3282)
contains.

XYZ(70.0856, 58.9123, 73.3229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.0856, 58.9123,
73.3229)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB4D9
RGB	255, 180, 217
RGB Percent	100%, 71%, 85%
CMY	0.0000, 0.2941, 0.1490
CMYK	0.00, 0.29, 0.15, 0.00
HSL	330°, 100%, 85%
HSV	330°, 29%, 100%
XYZ	70.0856, 58.9123, 73.3229
YIQ	206.6430, 32.8230, 27.4070

Conversions

Conversions Part 2

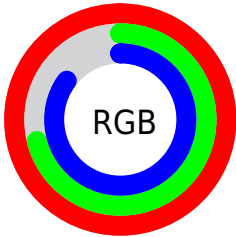
Format	Color
R _Y B	255, 180, 217
Decimal	16757977
CIE Lab	81.24, 32.56, -7.64
CIE LCh	81, 33.450, 346.793
Yxy	58.9123, 0.3464, 0.2912
Android (android.graphics.Color)	4294948057 (0xFFFFB4D9)
YUV	206.6430, 5.1060, 42.4091
Hunter-Lab	76.7543, 28.6710, -2.9113

Details

The XYZ color **70.0856, 58.9123, 73.3229** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **67.2394, 86.2863, 79.4443**, and the grayscale version is **59.0334, 62.1077, 67.6353**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **37.0084, 29.4007, 37.9068** is the 20% darker color. If you saturate the color by 10%, you get **63.7881, 48.9022, 63.2544**, and if you desaturate by 10%, it is **77.4646, 70.8740, 84.4026**.

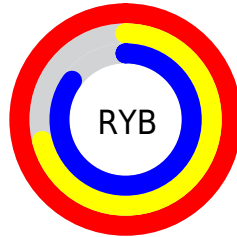
Distribution



Red (100%)

Green (71%)

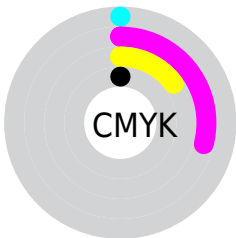
Blue (85%)



Red (100%)

Yellow (71%)

Blue (85%)

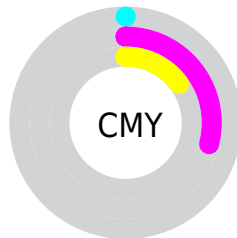


Cyan (0%)

Magenta (29%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0856, 58.9123, 73.3229 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 70.0856, 58.9123, 73.3229 by changing the saturation by 10% instead.

70.0856, 58.9123,
73.3229

70.0856, 58.9123,
73.3229

450.1122,
420.5768, 491.2339

51.8762, 42.5425,
53.7466

118.3564,
103.2502, 125.6607

37.1303, 29.5263,
38.0073

149.1485,
131.9871, 159.2592

25.4825, 19.4793,
25.6865

184.8656,
165.6152, 198.3689

16.5675, 12.0172,
16.3656

225.8729,
204.5188, 243.4084

10.0200, 6.7554,
9.6261

272.5359,
249.0824, 294.7960

5.4746, 3.3096,
5.0494

325.2198,

2.5659, 1.2954,

299.6903, 352.9505

2.2170

384.2902,
356.7270, 418.2903

■ 0.9286, 0.1376,
0.6842

■ 0.0000, 0.0000,
0.0000

■ 70.0856, 58.9123,
73.3229

■ 70.0856, 58.9123,
73.3229

■ 63.7881, 48.9022,
63.2544

■ 77.4646, 70.8740,
84.4026

■ 58.5126, 40.7308,
54.1603

■ 85.9716, 84.8769,
96.5211

■ 54.2007, 34.2855,
46.0065

95.0500, 100.0000,
108.9000

■ 50.7854, 29.4379,
38.7548

■ 48.1908, 26.0415,
32.3633

■ 46.3272, 23.9222,
26.7849

■ 45.0582, 22.8135,
21.9559

■ 44.9925, 22.7610,
21.6906

Harmonies

Analogous

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



66.3449, 58.9123, 94.1841



70.0856, 58.9123, 73.3229



69.8337, 58.9123, 53.6804

Triad

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



70.0856, 58.9123, 73.3229



52.2099, 58.9123, 33.9635



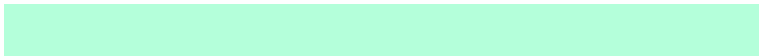
47.3088, 58.9123, 96.3958

Complementary

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



70.0856, 58.9123, 73.3229



67.2394, 86.2863, 79.4443

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.



44.1160, 58.9123, 75.8893



70.0856, 58.9123, 73.3229



46.7806, 58.9123, 41.2874

Square

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



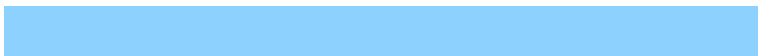
70.0856, 58.9123, 73.3229



59.1133, 58.9123, 33.5581



43.9311, 58.9123, 55.7677



52.9871, 58.9123, 109.2524

Rectangle

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



70.0856, 58.9123, 73.3229



67.4303, 58.9123, 43.7893



43.9311, 58.9123, 55.7677



45.9306, 58.9123, 89.9968

Sweetspot

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



70.0871, 58.9149, 73.3241



86.3445, 85.4949, 97.0397



63.1376, 54.6940, 101.8370



18.1994, 17.8327, 20.3776



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.



70.0871, 58.9149, 73.3241



66.4360, 53.0837, 67.5722



65.8014, 57.2006, 50.7561



18.3829, 18.1365, 20.6337



23.5847, 11.9232, 11.7293



2.3514, 1.1829, 1.4319

Inverse Universe

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



70.0871, 58.9149, 73.3241



66.4360, 53.0837, 67.5722



72.6339, 88.4441, 107.8509



18.3829, 18.1365, 20.6337



23.5847, 11.9232, 11.7293



2.3514, 1.1829, 1.4319

Previews

White Background



This preview shows how the XYZ color 70.0856, 58.9123, 73.3229 looks on a white background.

Color Contrast Check

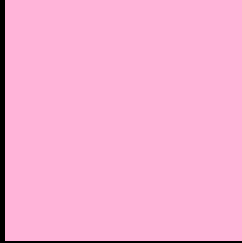
Large Text (above 18pt) WCAG AA × Fail

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 70.0856, 58.9123, 73.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

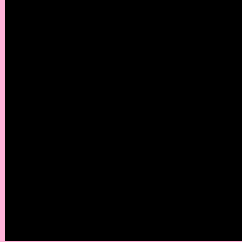
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0856, 58.9123, 73.3229

Background



This preview shows how black text looks on a background with the XYZ color 70.0856, 58.9123, 73.3229.



This preview shows how white text looks on a background with the XYZ color 70.0856, 58.9123,

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

70.0856, 58.9123, 73.3229

Protanopia

58.1955, 59.3568, 83.2527

Deuteranopia

60.1964, 58.9338, 71.8210



Tritanopia

67.5195, 58.7808, 60.6105

Trichromacy



Original Color

70.0856, 58.9123, 73.3229



Protanomaly

61.5740, 58.4816, 79.2769



Deuteranomaly

63.3123, 58.5562, 72.2555



Tritanomaly

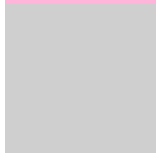
68.5001, 58.8864, 64.8826

Monochromacy



Original Color

70.0856, 58.9123, 73.3229



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.4646, 60.4829, 70.0102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0856, 58.9123, 73.3229 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, 180, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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, 180, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 217) }
```

Border

The CSS property to change the border of an element to XYZ 70.0856, 58.9123, 73.3229 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, 180, 217) }
```


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

```
.border{ border-color:rgb(255, 180, 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, 180, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0856, 58.9123, 73.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 217) }
```

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

```
.background{ background-color: rgb(255,  
180, 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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