

Converting Colors

XYZ(70.5846, 58.8535, 79.4951)

Have a look what the booklet for
XYZ(70.5846, 58.8535, 79.4951)
contains.

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Color

**XYZ(70.3556, 58.6138,
79.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB3E2
RGB	253, 179, 226
RGB Percent	99%, 70%, 89%
CMY	0.0078, 0.2980, 0.1137
CMYK	0.00, 0.29, 0.11, 0.01
HSL	322°, 95%, 85%
HSV	322°, 29%, 99%
XYZ	70.3556, 58.6138, 79.5570
YIQ	206.4840, 29.0170, 30.3050

Conversions

Conversions Part 2

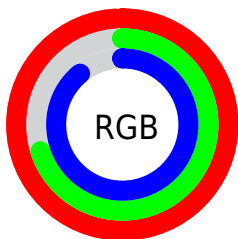
Format	Color
R _Y B	253, 179, 226
Decimal	16626658
CIE Lab	81.08, 33.85, -12.76
CIE LCh	81, 36.178, 339.348
Yxy	58.6138, 0.3374, 0.2811
Android (android.graphics.Color)	4294816738 (0xFFFD B3E2)
YUV	206.4840, 9.6214, 40.7945
Hunter-Lab	76.5596, 30.0558, -8.0195

Details

The XYZ color **70.3556, 58.6138, 79.5570** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.8587, 84.2922, 71.2479**, and the grayscale version is **58.9050, 61.9727, 67.4883**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **37.1900, 29.2096, 42.2060** is the 20% darker color. If you saturate the color by 10%, you get **64.5099, 48.8948, 71.5261**, and if you desaturate by 10%, it is **77.2032, 70.2258, 88.2597**.

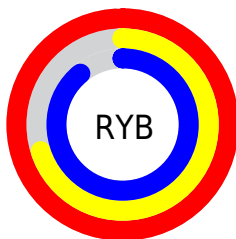
Distribution



Red (99%)

Green (70%)

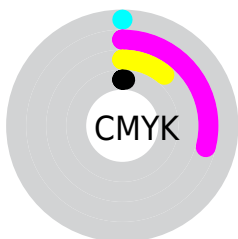
Blue (89%)



Red (99%)

Yellow (70%)

Blue (89%)

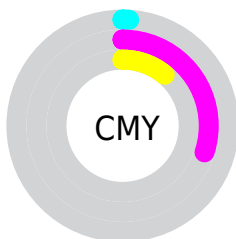


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (1%)



Cyan (1%)


Magenta (30%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3556, 58.6138, 79.5570 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 70.3556, 58.6138, 79.5570 by changing the saturation by 10% instead.


 70.3556, 58.6138,
79.5570

 70.3556, 58.6138,
79.5570


451.0446,
419.4692, 513.1060

 52.0971, 42.3023,
58.8299


 118.7392,
102.8162, 134.5485

 37.3071, 29.3381,
42.0571

149.5951,
131.4758, 169.6499

 25.6201, 19.3367,
28.8201


185.3808,
165.0203, 210.3798

 16.6708, 11.9138,
18.7003

226.4617,
203.8340, 257.1568

 10.0939, 6.6850,
11.2793

273.2032,
248.3014, 310.3994

 5.5240, 3.2659,
6.1385

325.9706,

 2.5958, 1.2721,

298.8068, 370.5261

2.8593

385.1293,
355.7346, 437.9554

■ 0.9438, 0.1194,
1.0233

■ 0.0000, 0.0000,
0.0000

■ 70.3556, 58.6138,
79.5570

■ 70.3556, 58.6138,
79.5570

■ 64.5099, 48.8948,
71.5261

■ 77.2032, 70.2258,
88.2597

■ 59.6090, 40.9586,
64.1408

■ 85.0955, 83.8174,
97.6516

■ 55.5976, 34.6957,
57.3780

■ 94.0793, 99.4793,
107.7541

■ 52.4124, 29.9814,
51.2110

■ 94.3184, 99.6229,
108.8658

■ 49.9813, 26.6731,
45.6101

■ 48.2187, 24.6016,
40.5411

■ 46.9956, 23.5108,
35.9549

■ 46.9136, 23.4449,
35.6250

Harmonies

Analogous

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



65.3839, 58.6138, 101.4701



70.3556, 58.6138, 79.5570



71.2198, 58.6138, 57.3316

Triad

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



70.3556, 58.6138, 79.5570



53.3963, 58.6138, 31.0760



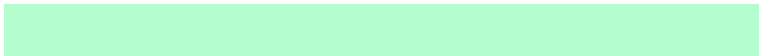
45.2668, 58.6138, 93.8193

Complementary

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



70.3556, 58.6138, 79.5570



64.8587, 84.2922, 71.2479

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.



42.6343, 58.6138, 70.7814



70.3556, 58.6138, 79.5570



47.0419, 58.6138, 36.8691

Square

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



70.3556, 58.6138, 79.5570



60.9640, 58.6138, 32.4002



43.2536, 58.6138, 50.3092



50.7681, 58.6138, 110.9055

Rectangle

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



70.3556, 58.6138, 79.5570



69.2792, 58.6138, 45.6104



43.2536, 58.6138, 50.3092



44.0405, 58.6138, 86.3279

Sweetspot

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



70.3573, 58.6165, 79.5582



86.8415, 85.6937, 99.6568



59.0015, 52.3000, 99.9147



18.3219, 17.8817, 21.0227



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.



70.3573, 58.6165, 79.5582



68.0739, 53.7388, 76.1972



65.9355, 56.8477, 56.2730



18.4949, 18.1813, 21.2235



25.0286, 12.5007, 19.3328



2.4895, 1.2382, 2.1591

Inverse Universe

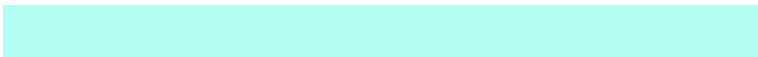
The Inverse Universe completely reimagines the original color for something new.



70.3573, 58.6165, 79.5582



68.0739, 53.7388, 76.1972



69.7297, 86.2406, 96.8981



18.4949, 18.1813, 21.2235



25.0286, 12.5007, 19.3328



2.4895, 1.2382, 2.1591

Previews

White Background



This preview shows how the XYZ color 70.3556, 58.6138, 79.5570 looks on a white background.

Color Contrast Check

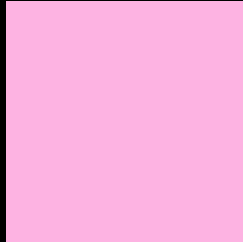
Large Text (above 18pt) WCAG AA × Fail

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 70.3556, 58.6138, 79.5570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

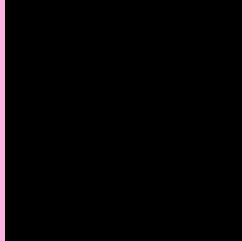
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3556, 58.6138, 79.5570

Background



This preview shows how black text looks on a background with the XYZ color 70.3556, 58.6138, 79.5570.



This preview shows how white text looks on a background with the XYZ color 70.3556, 58.6138,

79.5570.

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

70.3556, 58.6138, 79.5570

Protanopia

58.6306, 59.0692, 90.7494

Deuteranopia

60.2106, 58.8046, 77.9890



Tritanopia

66.7579, 58.6822, 61.2344

Trichromacy



Original Color

70.3556, 58.6138, 79.5570



Protanomaly

61.8694, 58.1445, 86.5594



Deuteranomaly

63.5466, 58.5396, 78.4710



Tritanomaly

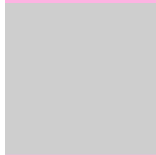
67.8968, 58.5192, 67.3913

Monochromacy



Original Color

70.3556, 58.6138, 79.5570



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

62.1816, 59.9719, 71.2492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3556, 58.6138, 79.5570 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(253, 179, 226)` looks like.

```
.text, #text, p{  
    color:rgb(253, 179, 226)  
}
```

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(253, 179, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 179, 226) }
```

Border

The CSS property to change the border of an element to XYZ 70.3556, 58.6138, 79.5570 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(253, 179, 226) }
```


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

```
.border{ border-color:rgb(253, 179, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 179, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 179, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 179, 226);  
box-shadow:4px 4px 4px 4px rgb(253, 179,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3556, 58.6138, 79.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 179, 226) }
```

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

```
.background{ background-color: rgb(253,  
179, 226) }
```

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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