

Converting Colors

XYZ(70.6313, 58.7779, 81.8158)

Have a look what the booklet for
XYZ(70.6313, 58.7779, 81.8158)
contains.

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Color

**XYZ(70.4078, 58.5928,
81.7274)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB3E5
RGB	252, 179, 229
RGB Percent	99%, 70%, 90%
CMY	0.0118, 0.2980, 0.1020
CMYK	0.00, 0.29, 0.09, 0.01
HSL	319°, 92%, 85%
HSV	319°, 29%, 99%
XYZ	70.4078, 58.5928, 81.7274
YIQ	206.5270, 27.4580, 31.0260

Conversions

Conversions Part 2

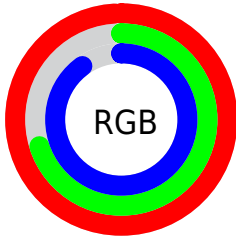
Format	Color
R _Y B	252, 179, 229
Decimal	16561125
CIE _{Lab}	81.07, 34.02, -14.40
CIE _{LCh}	81, 36.939, 337.051
Y _{xy}	58.5928, 0.3341, 0.2780
Android (android.graphics.Color)	4294751205 (0xFFFCB3E5)
Y _{UV}	206.5270, 11.0792, 39.8798
Hunter-Lab	76.5459, 30.2309, -9.7212

Details

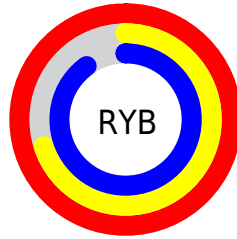
The XYZ color **70.4078, 58.5928, 81.7274** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.0639, 83.4704, 68.6156**, and the grayscale version is **58.9243, 61.9930, 67.5103**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **37.1246, 29.1537, 43.2057** is the 20% darker color. If you saturate the color by 10%, you get **64.7281, 48.9665, 74.4891**, and if you desaturate by 10%, it is **77.0646, 70.0904, 89.5429**.

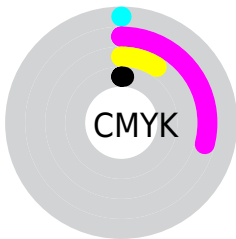
Distribution



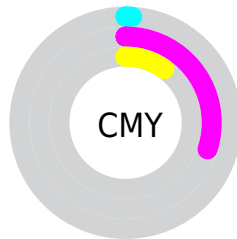
- Red (99%)
- Green (70%)
- Blue (90%)



- Red (99%)
- Yellow (70%)
- Blue (90%)



- Cyan (0%)
- Magenta (29%)
- Yellow (9%)
- Black (1%)



- Cyan (1%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4078, 58.5928, 81.7274 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 70.4078, 58.5928, 81.7274 by changing the saturation by 10% instead.

70.4078, 58.5928,
81.7274

70.4078, 58.5928,
81.7274

451.2247,
419.3912, 520.5949

52.1399, 42.2854,
60.6064

118.8132,
102.7856, 137.6249

37.3413, 29.3248,
43.4791

149.6814,
131.4398, 173.2385

25.6467, 19.3267,
29.9270

185.4804,
164.9784, 214.5199

16.6908, 11.9066,
19.5316

226.5755,
203.7858, 261.8878

10.1082, 6.6801,
11.8743

273.3322,
248.2464, 315.7608

5.5336, 3.2629,
6.5367

326.1157,

2.6016, 1.2705,

298.7446, 376.5572

3.1001

385.2914,
355.6647, 444.6957

■ 0.9467, 0.1182,
1.1459

■ 0.0000, 0.0000,
0.0000

■ 70.4078, 58.5928,
81.7274

■ 70.4078, 58.5928,
81.7274

■ 64.7281, 48.9665,
74.4891

■ 77.0646, 70.0904,
89.5429

■ 59.9692, 41.1027,
67.8040

■ 84.7404, 83.5447,
97.9509

■ 56.0772, 34.8935,
61.6514

■ 93.4810, 99.0452,
106.9705

■ 52.9898, 30.2159,
56.0071

■ 93.9552, 99.4356,
108.8488

■ 50.6365, 26.9295,
50.8440

■ 48.9333, 24.8679,
46.1307

■ 47.7570, 23.7856,
41.8222

■ 47.6493, 23.6972,
41.3944

Harmonies

Analogous

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



65.0593, 58.5928, 103.8004



70.4078, 58.5928, 81.7274



71.6496, 58.5928, 58.7514

Triad

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



70.4078, 58.5928, 81.7274



53.8997, 58.5928, 30.3861



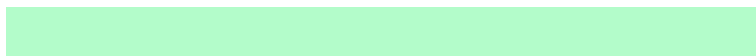
44.7284, 58.5928, 92.7855

Complementary

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



70.4078, 58.5928, 81.7274



64.0639, 83.4704, 68.6156

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.



42.2971, 58.5928, 69.1248



70.4078, 58.5928, 81.7274



47.2677, 58.5928, 35.6730

Square

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



70.4078, 58.5928, 81.7274



61.6424, 58.5928, 32.2680



43.1822, 58.5928, 48.7029



50.1350, 58.5928, 111.1401

Rectangle

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



70.4078, 58.5928, 81.7274



69.8874, 58.5928, 46.4498



43.1822, 58.5928, 48.7029



43.5598, 58.5928, 85.0023

Sweetspot

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



70.4096, 58.5954, 81.7286



87.0181, 85.7643, 100.5868



57.7539, 51.6752, 99.0266



18.3655, 17.8991, 21.2524



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.



70.4096, 58.5954, 81.7286



68.6792, 53.9810, 79.3846



65.9598, 56.8155, 58.2967



17.7466, 17.4260, 20.5215



24.8905, 12.3719, 21.9298



2.3532, 1.1650, 2.2835

Inverse Universe

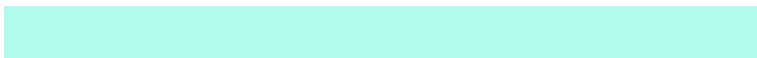
The Inverse Universe completely reimagines the original color for something new.



70.4096, 58.5954, 81.7286



68.6792, 53.9810, 79.3846



68.7474, 85.3438, 93.2787



17.7466, 17.4260, 20.5215



24.8905, 12.3719, 21.9298



2.3532, 1.1650, 2.2835

Previews

White Background



This preview shows how the XYZ color 70.4078, 58.5928, 81.7274 looks on a white background.

Color Contrast Check

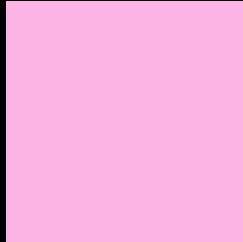
Large Text (above 18pt) WCAG AA × Fail

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 70.4078, 58.5928, 81.7274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

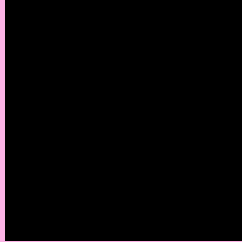
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.4078, 58.5928, 81.7274

Background



This preview shows how black text looks on a background with the XYZ color 70.4078, 58.5928, 81.7274.



This preview shows how white text looks on a background with the XYZ color 70.4078, 58.5928,

81.7274.

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

70.4078, 58.5928, 81.7274

Protanopia

58.5702, 58.9861, 93.0925

Deuteranopia

60.0457, 58.6725, 80.1117



Tritanopia

66.1607, 58.3610, 61.8106

Trichromacy



Original Color

70.4078, 58.5928, 81.7274



Protanomaly

62.0138, 58.1685, 88.8481



Deuteranomaly

63.3299, 58.3805, 80.6038



Tritanomaly

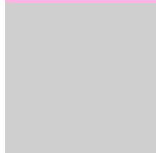
67.4277, 58.2488, 68.6621

Monochromacy



Original Color

70.4078, 58.5928, 81.7274



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.6634, 60.5268, 72.6701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.4078, 58.5928, 81.7274 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(252, 179, 229)` looks like.

```
.text, #text, p{  
    color:rgb(252, 179, 229)  
}
```

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(252, 179, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 179, 229) }
```

Border

The CSS property to change the border of an element to XYZ 70.4078, 58.5928, 81.7274 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(252, 179, 229) }
```


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

```
.border{ border-color:rgb(252, 179, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 179, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 179, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 179, 229);  
box-shadow:4px 4px 4px 4px rgb(252, 179,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 70.4078, 58.5928, 81.7274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 179, 229) }
```

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

```
.background{ background-color: rgb(252,  
179, 229) }
```

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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