

Converting Colors

XYZ(70.0627, 58.5574, 76.6264)

Have a look what the booklet for
XYZ(70.0627, 58.5574, 76.6264)
contains.

XYZ(70.1780, 58.5850, 76.7165)	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(70.1780, 58.5850,
76.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	FEB3DE
RGB	254, 179, 222
RGB Percent	100%, 70%, 87%
CMY	0.0039, 0.2980, 0.1294
CMYK	0.00, 0.30, 0.13, 0.00
HSL	326°, 97%, 85%
HSV	326°, 30%, 100%
XYZ	70.1780, 58.5850, 76.7165
YIQ	206.3270, 30.8970, 29.2730

Conversions

Conversions Part 2

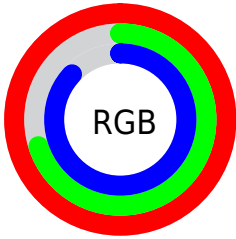
Format	Color
R_{YB}	254, 179, 222
Decimal	16692190
CIE _{Lab}	81.06, 33.54, -10.62
CIE _{LCh}	81, 35.181, 342.435
Yxy	58.5850, 0.3415, 0.2851
Android (android.graphics.Color)	4294882270 (0xFFFE _{B3DE})
YUV	206.3270, 7.7268, 41.8092
Hunter-Lab	76.5408, 29.7148, -5.8475

Details

The XYZ color **70.1780, 58.5850, 76.7165** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7926, 85.1722, 74.6042**, and the grayscale version is **58.8154, 61.8783, 67.3855**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **37.0736, 29.1930, 40.2400** is the 20% darker color. If you saturate the color by 10%, you get **64.1424, 48.7637, 67.7669**, and if you desaturate by 10%, it is **77.2480, 70.3241, 86.4729**.

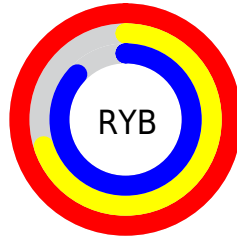
Distribution



Red (100%)

Green (70%)

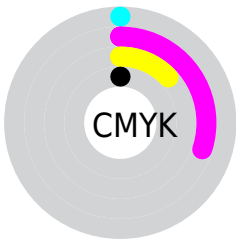
Blue (87%)



Red (100%)

Yellow (70%)

Blue (87%)

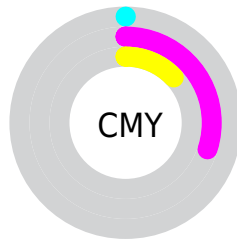


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1780, 58.5850, 76.7165 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 70.1780, 58.5850, 76.7165 by changing the saturation by 10% instead.

70.1780, 58.5850,
76.7165

70.1780, 58.5850,
76.7165

450.4314,
419.3623, 503.2089

51.9518, 42.2791,
56.5101

118.4874,
102.7743, 130.5086

37.1908, 29.3199,
40.2053

149.3014,
131.4265, 164.9313

25.5296, 19.3230,
27.3836

185.0419,
164.9629, 204.9298

16.6029, 11.9039,
17.6266

226.0745,
203.7679, 250.9227

10.0453, 6.6783,
10.5156

272.7643,
248.2260, 303.3285

5.4915, 3.2617,
5.6321

325.4769,

2.5761, 1.2698,

298.7215, 362.5658

2.5575

384.5774,
355.6388, 429.0531

■ 0.9338, 0.1177,
0.8704

■ 0.0000, 0.0000,
0.0000

■ 70.1780, 58.5850,
76.7165

■ 70.1780, 58.5850,
76.7165

■ 64.1424, 48.7637,
67.7669

■ 77.2480, 70.3241,
86.4729

■ 59.0828, 40.7485,
59.5942

■ 85.3965, 84.0690,
97.0573

■ 54.9426, 34.4282,
52.1712

94.6055, 99.7798,
108.4724

■ 51.6570, 29.6762,
45.4673

94.6834, 99.8110,
108.8828

■ 49.1519, 26.3476,
39.4484

■ 47.3398, 24.2703,
34.0756

■ 46.0853, 23.1767,
29.2936

■ 46.0322, 23.1345,
29.0787

Harmonies

Analogous

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



65.7098, 58.5850, 98.3258



70.1780, 58.5850, 76.7165



70.5583, 58.5850, 55.5123

Triad

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



70.1780, 58.5850, 76.7165



52.7128, 58.5850, 32.0159



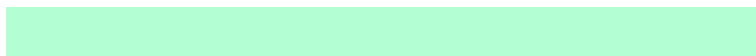
45.9459, 58.5850, 94.9676

Complementary

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



70.1780, 58.5850, 76.7165



65.7926, 85.1722, 74.6042

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.



43.0612, 58.5850, 72.8503



70.1780, 58.5850, 76.7165



46.7324, 58.5850, 38.4660

Square

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



70.1780, 58.5850, 76.7165



60.0310, 58.5850, 32.6080



43.3359, 58.5850, 52.4022



51.5507, 58.5850, 110.3446

Rectangle

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



70.1780, 58.5850, 76.7165



68.4005, 58.5850, 44.5532



43.3359, 58.5850, 52.4022



44.6489, 58.5850, 87.8909

Sweetspot

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



70.1797, 58.5877, 76.7177



86.6238, 85.6066, 98.5104



60.6616, 53.1374, 100.8261



18.2682, 17.8602, 20.7399



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.



70.1797, 58.5877, 76.7177



67.3445, 53.4471, 72.3563



65.7787, 56.8273, 53.5424



18.4459, 18.1617, 20.9651



24.3440, 12.2269, 15.7276



2.4250, 1.2124, 1.8195

Inverse Universe

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



70.1797, 58.5877, 76.7177



67.3445, 53.4471, 72.3563



70.9387, 87.2306, 101.7032



18.4459, 18.1617, 20.9651



24.3440, 12.2269, 15.7276



2.4250, 1.2124, 1.8195

Previews

White Background



This preview shows how the XYZ color 70.1780, 58.5850, 76.7165 looks on a white background.

Color Contrast Check

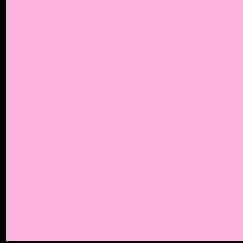
Large Text (above 18pt) WCAG AA × Fail

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 70.1780, 58.5850, 76.7165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

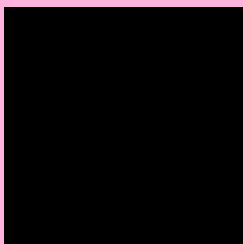
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1780, 58.5850, 76.7165

Background



This preview shows how black text looks on a background with the XYZ color 70.1780, 58.5850, 76.7165.



This preview shows how white text looks on a background with the XYZ color 70.1780, 58.5850,

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

70.1780, 58.5850, 76.7165

Protanopia

58.3003, 58.9668, 87.6659

Deuteranopia

59.9667, 58.7405, 75.1953



Tritanopia

66.7952, 58.4074, 60.5766

Trichromacy



Original Color

70.1780, 58.5850, 76.7165



Protanomaly

61.5923, 58.0677, 83.5632



Deuteranomaly

63.3266, 58.4882, 75.6618



Tritanomaly

68.0134, 58.6076, 66.1202

Monochromacy



Original Color

70.1780, 58.5850, 76.7165



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

62.0550, 59.9213, 70.5827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1780, 58.5850, 76.7165 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(254, 179, 222)` looks like.

```
.text, #text, p{  
    color:rgb(254, 179, 222)  
}
```

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(254, 179, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 179, 222) }
```

Border

The CSS property to change the border of an element to XYZ 70.1780, 58.5850, 76.7165 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(254, 179, 222) }
```


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

```
.border{ border-color:rgb(254, 179, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 179, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 179, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 179, 222);  
box-shadow:4px 4px 4px 4px rgb(254, 179,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1780, 58.5850, 76.7165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 179, 222) }
```

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

```
.background{ background-color: rgb(254,  
179, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor