

Converting Colors

XYZ(77.5478, 62.9777, 76.7904)

Have a look what the booklet for
XYZ(77.5478, 62.9777, 76.7904)
contains.

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Color

**XYZ(70.8150, 59.5282,
76.1643)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5DD
RGB	255, 181, 221
RGB Percent	100%, 71%, 87%
CMY	0.0000, 0.2902, 0.1333
CMYK	0.00, 0.29, 0.13, 0.00
HSL	328°, 100%, 85%
HSV	328°, 29%, 100%
XYZ	70.8150, 59.5282, 76.1643
YIQ	207.6860, 31.2640, 28.1280

Conversions

Conversions Part 2

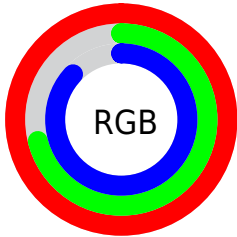
Format	Color
R_{YB}	255, 181, 221
Decimal	16758237
CIE Lab	81.58, 32.67, -9.30
CIE LCh	82, 33.968, 344.117
Yxy	59.5282, 0.3429, 0.2883
Android (android.graphics.Color)	4294948317 (0xFFFFB5DD)
YUV	207.6860, 6.5638, 41.4944
Hunter-Lab	77.1545, 28.8129, -4.5209

Details

The XYZ color **70.8150, 59.5282, 76.1643** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.0839, 86.2510, 77.4058**, and the grayscale version is **59.6970, 62.8059, 68.3956**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **37.4983, 29.8022, 39.8524** is the 20% darker color. If you saturate the color by 10%, you get **64.5896, 49.4890, 66.6544**, and if you desaturate by 10%, it is **78.1010, 71.5138, 86.5668**.

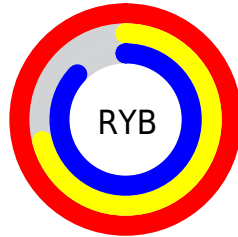
Distribution



Red (100%)

Green (71%)

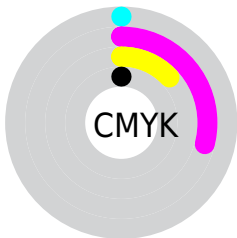
Blue (87%)



Red (100%)

Yellow (71%)

Blue (87%)

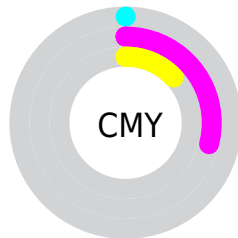


Cyan (0%)

Magenta (29%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.8150, 59.5282, 76.1643 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 70.8150, 59.5282, 76.1643 by changing the saturation by 10% instead.

70.8150, 59.5282,
76.1643

70.8150, 59.5282,
76.1643

452.6284,
422.8565, 501.2717

52.4732, 43.0385,
56.0598

119.3902,
104.1450, 129.7213

37.6082, 29.9153,
39.8465

150.3544,
133.0408, 164.0109

25.8546, 19.7743,
27.1060

186.2567,
166.8407, 203.8660

16.8470, 12.2311,
17.4197

227.4626,
205.9292, 249.7050

10.2201, 6.9013,
10.3691

274.3373,
250.6907, 301.9466

5.6085, 3.4004,
5.5356

327.2463,

2.6469, 1.3442,

301.5094, 361.0092

2.5006

386.5548,
358.7699, 427.3114

■ 0.9699, 0.1750,
0.8405

■ 0.0000, 0.0000,
0.0000

■ 70.8150, 59.5282,
76.1643

■ 70.8150, 59.5282,
76.1643

■ 64.5896, 49.4890,
66.6544

■ 78.1010, 71.5138,
86.5668

■ 59.3666, 41.2842,
58.0045

■ 86.4936, 85.5347,
97.8856

■ 55.0885, 34.8016,
50.1851

95.0500, 100.0000,
108.9000

■ 51.6895, 29.9141,
43.1625

■ 49.0950, 26.4761,
36.8999

■ 47.2170, 24.3154,
31.3554

■ 45.9262, 23.1780,
26.4730

■ 45.8153, 23.0901,
26.0231

Harmonies

Analogous

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



66.6688, 59.5282, 97.2827



70.8150, 59.5282, 76.1643



70.9420, 59.5282, 55.7043

Triad

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



70.8150, 59.5282, 76.1643



53.3017, 59.5282, 33.7114



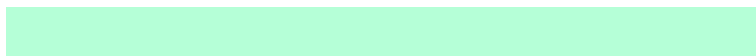
47.2982, 59.5282, 96.1661

Complementary

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



70.8150, 59.5282, 76.1643



67.0839, 86.2510, 77.4058

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.



44.2999, 59.5282, 74.8709



70.8150, 59.5282, 76.1643



47.5637, 59.5282, 40.5197

Square

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



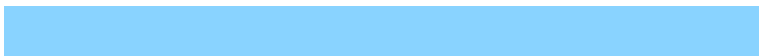
70.8150, 59.5282, 76.1643



60.4147, 59.5282, 33.9143



44.3928, 59.5282, 54.6551



52.9107, 59.5282, 110.3829

Rectangle

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



70.8150, 59.5282, 76.1643



68.7041, 59.5282, 45.1958



44.3928, 59.5282, 54.6551



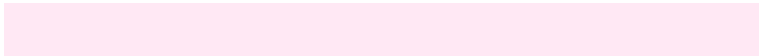
45.9730, 59.5282, 89.4235

Sweetspot

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



70.8164, 59.5307, 76.1655



86.5090, 85.5607, 97.9059



62.3953, 54.6121, 101.8603



18.2399, 17.8489, 20.5909



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.



70.8164, 59.5307, 76.1655



66.9673, 53.2962, 70.3701



66.4910, 57.8006, 53.3884



18.4200, 18.1513, 20.8289



24.0158, 12.0956, 13.9995



2.3935, 1.1998, 1.6537

Inverse Universe

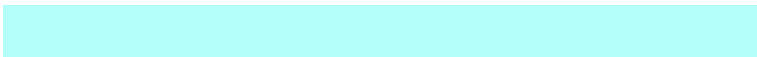
The Inverse Universe completely reimagines the original color for something new.



70.8164, 59.5307, 76.1655



66.9673, 53.2962, 70.3701



72.2775, 88.3285, 104.7549



18.4200, 18.1513, 20.8289



24.0158, 12.0956, 13.9995



2.3935, 1.1998, 1.6537

Previews

White Background



This preview shows how the XYZ color 70.8150, 59.5282, 76.1643 looks on a white background.

Color Contrast Check

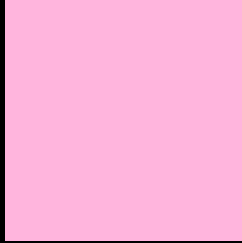
Large Text (above 18pt) WCAG AA × Fail

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 70.8150, 59.5282, 76.1643 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 70.8150, 59.5282, 76.1643

Background



This preview shows how black text looks on a background with the XYZ color 70.8150, 59.5282, 76.1643.



This preview shows how white text looks on a background with the XYZ color 70.8150, 59.5282,

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

70.8150, 59.5282, 76.1643

Protanopia

58.9978, 60.0519, 86.3236

Deuteranopia

60.9400, 59.5934, 74.6205



Tritanopia

67.8026, 59.5169, 61.9472

Trichromacy



Original Color

70.8150, 59.5282, 76.1643



Protanomaly

62.3481, 59.1461, 82.2590



Deuteranomaly

64.0501, 59.1991, 75.0686



Tritanomaly

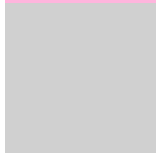
68.9110, 59.6686, 66.9167

Monochromacy



Original Color

70.8150, 59.5282, 76.1643



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.2557, 61.1998, 71.4296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8150, 59.5282, 76.1643 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 221) }
```

Border

The CSS property to change the border of an element to XYZ 70.8150, 59.5282, 76.1643 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, 221) }
```


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

```
.border{ border-color:rgb(255, 181, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8150, 59.5282, 76.1643 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
181, 221) }
```

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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