

Converting Colors

$Y_{xy}(74.6203, 0.3263, 0.3173)$

Have a look what the booklet for
Yxy(74.6203, 0.3263, 0.3173)
contains.

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Color

Yxy(74.8200, 0.3263, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	F6D9E4
RGB	246, 217, 228
RGB Percent	96%, 85%, 89%
CMY	0.0353, 0.1490, 0.1059
CMYK	0.00, 0.12, 0.07, 0.04
HSL	337°, 62%, 91%
HSV	337°, 12%, 96%
XYZ	76.8212, 74.8200, 83.7899
YIQ	226.9250, 13.7530, 9.5690

Conversions

Conversions Part 2

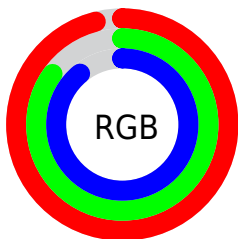
Format	Color
R _Y B	246, 217, 228
Decimal	16177636
CIE Lab	89.31, 11.83, -1.71
CIE LCh	89, 11.954, 351.775
Yxy	74.8200, 0.3263, 0.3178
Android (android.graphics.Color)	4294367716 (0xFFFF6D9E4)
YUV	226.9250, 0.5300, 16.7288
Hunter-Lab	86.4986, 7.1571, 3.1156

Details

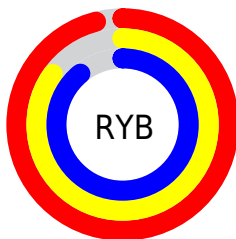
The Yxy color **74.8200, 0.3263, 0.3178** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.6611, 0.3008, 0.3405**, and the grayscale version is **76.7490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8049, 0.3296, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **62.2612, 0.3406, 0.3077**, and if you desaturate by 10%, it is **89.3505, 0.3146, 0.3274**.

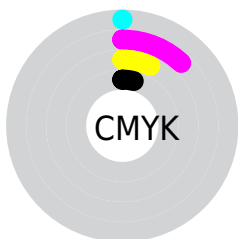
Distribution



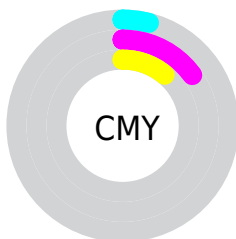
- Red (96%)
- Green (85%)
- Blue (89%)



- Red (96%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8200, 0.3263, 0.3178 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 Yxy color 74.8200, 0.3263, 0.3178 by changing the saturation by 10% instead.


 74.8200, 0.3263,
0.3178

 74.8200, 0.3263,
0.3178


477.2987, 0.3201,
0.3229

 55.4654, 0.3277,
0.3166


126.0575, 0.3241,
0.3196

 39.7745, 0.3295,
0.3152


158.7093, 0.3233,
0.3203

 27.3628, 0.3317,
0.3134


196.5622, 0.3226,
0.3209

 17.8459, 0.3345,
0.3111

240.0008, 0.3219,
0.3214

 10.8394, 0.3384,
0.3079

289.4093, 0.3214,
0.3218

 5.9589, 0.3440,
0.3034

345.1722, 0.3209,

 2.8201, 0.3527,

0.3222

0.2965

407.6738, 0.3205,
0.3226

1.0386, 0.3681,
0.2844

0.0000, 0.8564,
0.0000

74.8200, 0.3263,
0.3178

74.8200, 0.3263,
0.3178

62.2612, 0.3406,
0.3077

89.3505, 0.3146,
0.3274

51.5788, 0.3580,
0.2974

98.3323, 0.3072,
0.3290

42.6848, 0.3789,
0.2872

35.4797, 0.4036,
0.2779

■ 29.8544, 0.4320,
0.2707

■ 25.6870, 0.4632,
0.2666

■ 22.8373, 0.4957,
0.2670

■ 21.1369, 0.5271,
0.2727

■ 20.3874, 0.5507,
0.2807

Harmonies

Analogous

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



74.8200, 0.3121, 0.3088



74.8200, 0.3263, 0.3178



74.8200, 0.3369, 0.3297

Triad

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



74.8200, 0.3263, 0.3178



74.8200, 0.3268, 0.3541



74.8200, 0.2853, 0.3153

Complementary

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



74.8200, 0.3263, 0.3178



86.6611, 0.3008, 0.3405

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.



74.8200, 0.2890, 0.3275



74.8200, 0.3263, 0.3178



74.8200, 0.3128, 0.3504

Square

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



74.8200, 0.3263, 0.3178



74.8200, 0.3372, 0.3508



74.8200, 0.2990, 0.3406



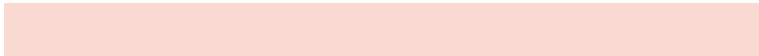
74.8200, 0.2887, 0.3072

Rectangle

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



74.8200, 0.3263, 0.3178



74.8200, 0.3405, 0.3379



74.8200, 0.2990, 0.3406



74.8200, 0.2858, 0.3191

Sweetspot

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



74.8233, 0.3263, 0.3178



93.2627, 0.3170, 0.3253



73.9257, 0.3063, 0.2992



19.6993, 0.3178, 0.3246



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

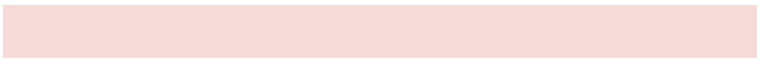
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8233, 0.3263, 0.3178



77.9535, 0.3293, 0.3156



75.9936, 0.3336, 0.3325



16.5865, 0.3234, 0.3201



10.9075, 0.5464, 0.2784



0.9780, 0.5125, 0.2597

Inverse Universe

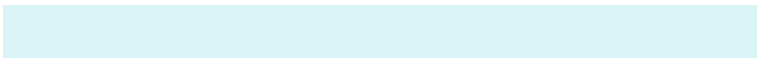
The Inverse Universe completely reimagines the original color for something new.



74.8233, 0.3263, 0.3178



77.9535, 0.3293, 0.3156



85.2775, 0.2946, 0.3254



16.5865, 0.3234, 0.3201



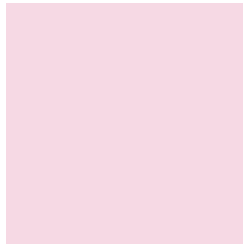
10.9075, 0.5464, 0.2784



0.9780, 0.5125, 0.2597

Previews

White Background



This preview shows how the Yxy color 74.8200, 0.3263, 0.3178 looks on a white background.

Color Contrast Check

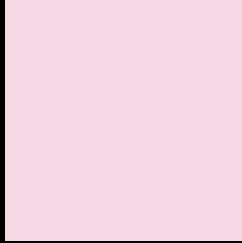
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 74.8200, 0.3263, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

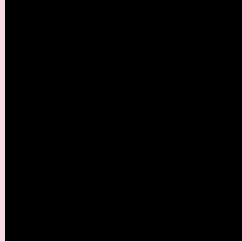
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8200, 0.3263, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 74.8200, 0.3263, 0.3178.

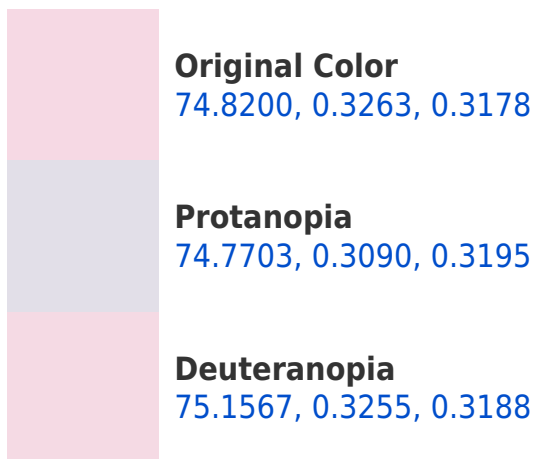


This preview shows how white text looks on a background with the Yxy color 74.8200, 0.3263, 0.3178.

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





Tritanopia

74.7691, 0.3237, 0.3118

Trichromacy



Original Color

74.8200, 0.3263, 0.3178

Protanomaly

74.8061, 0.3146, 0.3185

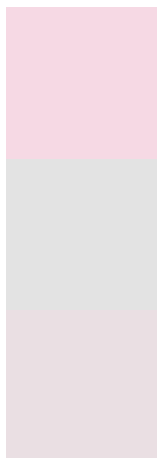
Deuteranomaly

75.1567, 0.3255, 0.3188

Tritanomaly

74.6554, 0.3250, 0.3138

Monochromacy



Original Color

74.8200, 0.3263, 0.3178

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.8138, 0.3178, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8200, 0.3263, 0.3178 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(246, 217, 228)` looks like.

```
.text, #text, p{  
    color:rgb(246, 217, 228)  
}
```

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(246, 217, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 217, 228) }
```

Border

The CSS property to change the border of an element to Yxy 74.8200, 0.3263, 0.3178 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(246, 217, 228) }
```

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

```
.border{ border-color:rgb(246, 217, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 217, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 217, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 217, 228);  
box-shadow:4px 4px 4px 4px rgb(246, 217,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8200, 0.3263, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 217, 228) }
```

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

```
.background{ background-color: rgb(246,  
217, 228) }
```

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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