

Converting Colors

$Y_{xy}(70.3576, 0.3315, 0.3158)$

Have a look what the booklet for
Yxy(70.3576, 0.3315, 0.3158)
contains.

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Color

Yxy(70.4677, 0.3314, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	F6D1DE
RGB	246, 209, 222
RGB Percent	96%, 82%, 87%
CMY	0.0352, 0.1804, 0.1294
CMYK	0.00, 0.15, 0.10, 0.04
HSL	339°, 67%, 89%
HSV	339°, 15%, 96%
XYZ	73.9956, 70.4677, 78.8184
YIQ	221.5450, 17.8790, 11.8870

Conversions

Conversions Part 2

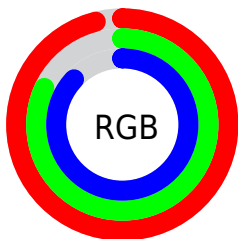
Format	Color
RYB	246, 209, 222
Decimal	16175582
CIELab	87.23, 15.03, -1.60
CIElCh	87, 15.113, 353.914
Yxy	70.4677, 0.3314, 0.3156
Android (android.graphics.Color)	4294365662 (0xFFFF6D1DE)
YUV	221.5450, 0.2243, 21.4470
Hunter-Lab	83.9450, 10.4397, 3.0924

Details

The Yxy color **70.4677, 0.3314, 0.3156** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3571, 0.2971, 0.3428**, and the grayscale version is **72.7015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7200, 0.3355, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **58.5014, 0.3473, 0.3061**, and if you desaturate by 10%, it is **84.3850, 0.3184, 0.3247**.

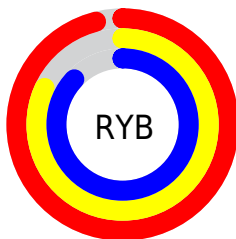
Distribution



Red (96%)

Green (82%)

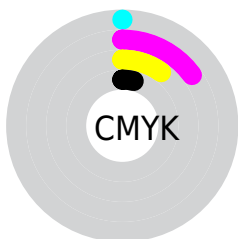
Blue (87%)



Red (96%)

Yellow (82%)

Blue (87%)

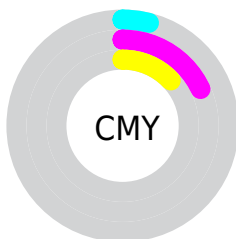


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (4%)



Cyan (4%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.4677, 0.3314, 0.3156 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 70.4677, 0.3314, 0.3156 by changing the saturation by 10% instead.


 70.4677, 0.3314,
0.3156

 70.4677, 0.3314,
0.3156


462.1905, 0.3227,
0.3218

 51.9079, 0.3334,
0.3142


119.8755, 0.3284,
0.3178

 36.9317, 0.3359,
0.3124


151.4923, 0.3272,
0.3186

 25.1546, 0.3390,
0.3102

188.2302, 0.3262,
0.3193

 16.1923, 0.3431,
0.3073

230.4736, 0.3253,
0.3199

 9.6603, 0.3488,
0.3033

278.6070, 0.3246,
0.3205

 5.1743, 0.3570,
0.2976

333.0146, 0.3239,

 2.3499, 0.3700,

0.3210

0.2886

394.0810, 0.3233,
0.3214

0.7999, 0.3943,
0.2717

0.0000, 1.0000,
0.0000

70.4677, 0.3314,
0.3156

70.4677, 0.3314,
0.3156

58.5014, 0.3473,
0.3061

84.3850, 0.3184,
0.3247

48.3893, 0.3667,
0.2965

98.2653, 0.3078,
0.3300

40.0403, 0.3900,
0.2873

98.3350, 0.3072,
0.3290

33.3518, 0.4173,
0.2792

■ 28.2106, 0.4483,
0.2735

■ 24.4890, 0.4818,
0.2713

■ 22.0389, 0.5158,
0.2739

■ 20.6781, 0.5473,
0.2816

■ 20.2750, 0.5615,
0.2867

Harmonies

Analogous

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



70.4677, 0.3132, 0.3038



70.4677, 0.3314, 0.3156



70.4677, 0.3447, 0.3309

Triad

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



70.4677, 0.3314, 0.3156



70.4677, 0.3296, 0.3615



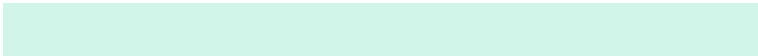
70.4677, 0.2775, 0.3102

Complementary

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



70.4677, 0.3314, 0.3156



85.3571, 0.2971, 0.3428

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.



70.4677, 0.2817, 0.3258



70.4677, 0.3314, 0.3156



70.4677, 0.3114, 0.3561

Square

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



70.4677, 0.3314, 0.3156



70.4677, 0.3436, 0.3576



70.4677, 0.2939, 0.3428



70.4677, 0.2825, 0.3004

Rectangle

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



70.4677, 0.3314, 0.3156



70.4677, 0.3488, 0.3414



70.4677, 0.2939, 0.3428



70.4677, 0.2779, 0.3149

Sweetspot

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



70.4708, 0.3314, 0.3156



91.6121, 0.3183, 0.3247



69.4854, 0.3047, 0.2906



19.3660, 0.3191, 0.3241



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

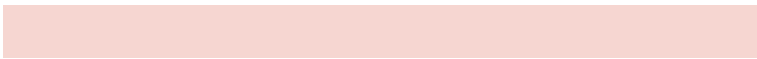
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4708, 0.3314, 0.3156



72.3594, 0.3358, 0.3128



72.2588, 0.3402, 0.3342



16.5788, 0.3238, 0.3207



10.8449, 0.5572, 0.2843



0.9719, 0.5225, 0.2652

Inverse Universe

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



70.4708, 0.3314, 0.3156



72.3594, 0.3358, 0.3128



83.1660, 0.2896, 0.3237



16.5788, 0.3238, 0.3207



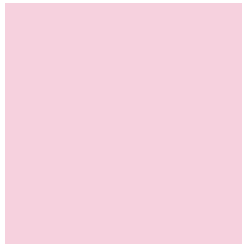
10.8449, 0.5572, 0.2843



0.9719, 0.5225, 0.2652

Previews

White Background



This preview shows how the Yxy color 70.4677, 0.3314, 0.3156 looks on a white background.

Color Contrast Check

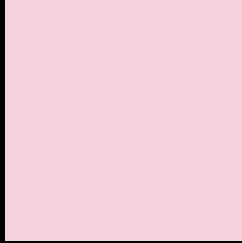
Large Text (above 18pt) WCAG AA × Fail

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 70.4677, 0.3314, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

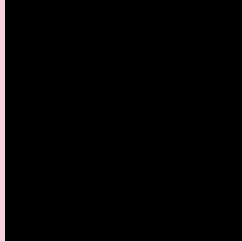
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.4677, 0.3314, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 70.4677, 0.3314, 0.3156.



This preview shows how white text looks on a background with the Yxy color 70.4677, 0.3314, 0.3156.

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

70.4677, 0.3314, 0.3156

Protanopia

70.3874, 0.3082, 0.3181

Deuteranopia

70.4846, 0.3258, 0.3196



Tritanopia

70.6300, 0.3292, 0.3126

Trichromacy



Original Color

70.4677, 0.3314, 0.3156

Protanomaly

70.1874, 0.3162, 0.3173

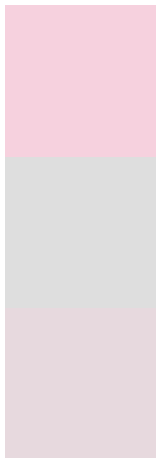
Deuteranomaly

70.5098, 0.3281, 0.3186

Tritanomaly

70.5756, 0.3300, 0.3136

Monochromacy



Original Color

70.4677, 0.3314, 0.3156

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.8886, 0.3195, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4677, 0.3314, 0.3156 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, 209, 222)` looks like.

```
.text, #text, p{  
    color:rgb(246, 209, 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(246, 209, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 209, 222) }
```

Border

The CSS property to change the border of an element to Yxy 70.4677, 0.3314, 0.3156 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, 209, 222) }
```

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

```
.border{ border-color:rgb(246, 209, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 209, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 209, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 209, 222);  
box-shadow:4px 4px 4px 4px rgb(246, 209,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4677, 0.3314, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 209, 222) }
```

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

```
.background{ background-color: rgb(246,  
209, 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](#).

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