

Converting Colors

$Y_{xy}(70.4500, 0.3316, 0.3126)$

Have a look what the booklet for
Yxy(70.4500, 0.3316, 0.3126)
contains.

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Color

Yxy(70.4500, 0.3316, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	F8D0E0
RGB	248, 208, 224
RGB Percent	97%, 82%, 88%
CMY	0.0273, 0.1843, 0.1215
CMYK	0.00, 0.16, 0.10, 0.03
HSL	336°, 74%, 89%
HSV	336°, 16%, 97%
XYZ	74.7320, 70.4500, 80.1859
YIQ	221.7840, 18.7040, 13.4560

Conversions

Conversions Part 2

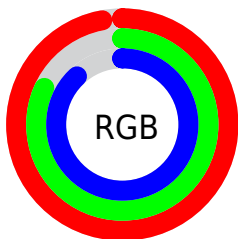
Format	Color
R _Y B	248, 208, 224
Decimal	16306400
CIE Lab	87.22, 16.59, -2.65
CIE LCh	87, 16.796, 350.923
Yxy	70.4500, 0.3316, 0.3126
Android (android.graphics.Color)	4294496480 (0xFFF8D0E0)
YUV	221.7840, 1.0925, 22.9914
Hunter-Lab	83.9345, 12.0440, 2.1121

Details

The Yxy color $70.4500, 0.3316, 0.3126$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.3933, 0.2970, 0.3460$, and the grayscale version is $72.8732, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.0521, 0.3355, 0.3092$ is the 20% darker color. If you saturate the color by 10%, you get $58.5174, 0.3467, 0.3018$, and if you desaturate by 10%, it is $84.3507, 0.3192, 0.3230$.

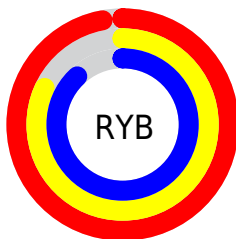
Distribution



Red (97%)

Green (82%)

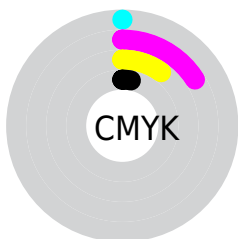
Blue (88%)



Red (97%)

Yellow (82%)

Blue (88%)

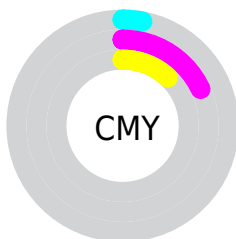


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (3%)



Cyan (3%)


Magenta (18%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4500, 0.3316, 0.3126 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 70.4500, 0.3316, 0.3126 by changing the saturation by 10% instead.


 70.4500, 0.3316,
0.3126

 70.4500, 0.3316,
0.3126

462.1285, 0.3228,
0.3202

 51.8935, 0.3336,
0.3109


119.8503, 0.3286,
0.3152

 36.9202, 0.3361,
0.3088

151.4628, 0.3274,
0.3162

 25.1457, 0.3392,
0.3061


188.1961, 0.3264,
0.3171

 16.1856, 0.3434,
0.3026

230.4346, 0.3255,
0.3179

 9.6556, 0.3490,
0.2978

278.5627, 0.3247,
0.3186

 5.1712, 0.3572,
0.2910

332.9648, 0.3240,

 2.3481, 0.3701,

0.3192

0.2803

394.0252, 0.3234,
0.3197

0.7990, 0.3940,
0.2607

0.0000, 1.0000,
0.0000

70.4500, 0.3316,
0.3126

70.4500, 0.3316,
0.3126

58.5174, 0.3467,
0.3018

84.3507, 0.3192,
0.3230

48.4542, 0.3649,
0.2909

98.6244, 0.3091,
0.3302

40.1670, 0.3866,
0.2805

98.7032, 0.3084,
0.3290

33.5506, 0.4119,
0.2714

■ 28.4887, 0.4404,
0.2649

■ 24.8498, 0.4712,
0.2622

■ 22.4802, 0.5024,
0.2646

■ 21.1896, 0.5316,
0.2723

■ 20.8681, 0.5423,
0.2761

Harmonies

Analogous

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



70.4500, 0.3111, 0.3002



70.4500, 0.3316, 0.3126



70.4500, 0.3473, 0.3293

Triad

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



70.4500, 0.3316, 0.3126



70.4500, 0.3333, 0.3652



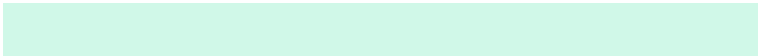
70.4500, 0.2737, 0.3096

Complementary

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



70.4500, 0.3316, 0.3126



86.3933, 0.2970, 0.3460

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.



70.4500, 0.2793, 0.3272



70.4500, 0.3316, 0.3126



70.4500, 0.3133, 0.3603

Square

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



70.4500, 0.3316, 0.3126



70.4500, 0.3481, 0.3598



70.4500, 0.2936, 0.3461



70.4500, 0.2782, 0.2980

Rectangle

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



70.4500, 0.3316, 0.3126



70.4500, 0.3526, 0.3409



70.4500, 0.2936, 0.3461



70.4500, 0.2745, 0.3150

Sweetspot

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



70.4531, 0.3316, 0.3126



91.6502, 0.3179, 0.3241



69.0462, 0.3031, 0.2875



19.3752, 0.3187, 0.3234



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

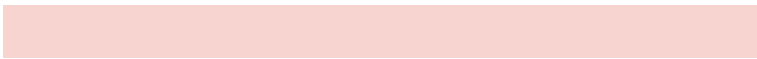
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.4531, 0.3316, 0.3126



71.1550, 0.3357, 0.3095



71.6018, 0.3428, 0.3332



17.3403, 0.3231, 0.3195



11.2951, 0.5382, 0.2738



1.0664, 0.5066, 0.2564

Inverse Universe

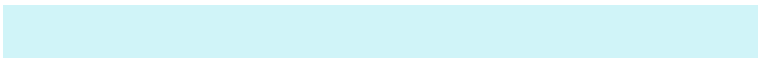
The Inverse Universe completely reimagines the original color for something new.



70.4531, 0.3316, 0.3126



71.1550, 0.3357, 0.3095



84.9090, 0.2880, 0.3247



17.3403, 0.3231, 0.3195



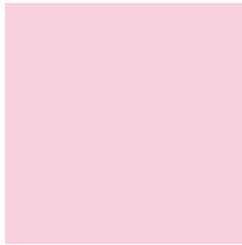
11.2951, 0.5382, 0.2738



1.0664, 0.5066, 0.2564

Previews

White Background



This preview shows how the Yxy color 70.4500, 0.3316, 0.3126 looks on a white background.

Color Contrast Check

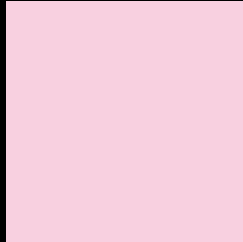
Large Text (above 18pt) WCAG AA × Fail

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 70.4500, 0.3316, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

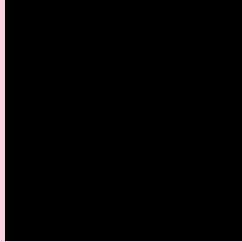
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.4500, 0.3316, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 70.4500, 0.3316, 0.3126.



This preview shows how white text looks on a background with the Yxy color 70.4500, 0.3316, 0.3126.

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

70.4500, 0.3316, 0.3126

Protanopia

70.3989, 0.3056, 0.3149

Deuteranopia

70.5918, 0.3244, 0.3175



Tritanopia

70.4500, 0.3316, 0.3126

Trichromacy



Original Color

70.4500, 0.3316, 0.3126

Protanomaly

70.5176, 0.3149, 0.3141

Deuteranomaly

70.7935, 0.3274, 0.3165

Tritanomaly

70.4500, 0.3316, 0.3126

Monochromacy



Original Color

70.4500, 0.3316, 0.3126

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.9423, 0.3188, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4500, 0.3316, 0.3126 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(248, 208, 224)` looks like.

```
.text, #text, p{  
    color:rgb(248, 208, 224)  
}
```

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(248, 208, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 208, 224) }
```

Border

The CSS property to change the border of an element to Yxy 70.4500, 0.3316, 0.3126 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(248, 208, 224) }
```

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

```
.border{ border-color:rgb(248, 208, 224) }
```

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

Here you see how a box with a 4 pixel rgb(248, 208, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 208, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 208, 224);  
box-shadow:4px 4px 4px 4px rgb(248, 208,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4500, 0.3316, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 208, 224) }
```

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

```
.background{ background-color: rgb(248,  
208, 224) }
```

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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