

Converting Colors

$Y_{xy}(70.5096, 0.3326, 0.3056)$

Have a look what the booklet for
Yxy(70.5096, 0.3326, 0.3056)
contains.

| | |
|---|----|
| Yxy(70.3906, 0.3328, 0.3048) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(70.3906, 0.3328, 0.3048)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FECDE5 |
| RGB | 254, 205, 229 |
| RGB Percent | 100%, 80%, 90% |
| CMY | 0.0038, 0.1961, 0.1018 |
| CMYK | 0.00, 0.19, 0.10, 0.00 |
| HSL | 331°, 96%, 90% |
| HSV | 331°, 19%, 100% |
| XYZ | 76.8569, 70.3906, 83.6928 |
| YIQ | 222.3870, 21.5000, 17.8520 |

Conversions

Conversions Part 2

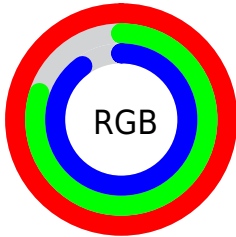
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 254, 205, 229 |
| Decimal | 16698853 |
| CIE Lab | 87.19, 21.04, -5.30 |
| CIE LCh | 87, 21.700, 345.876 |
| Yxy | 70.3906, 0.3328, 0.3048 |
| Android (android.graphics.Color) | 4294888933 (0xFFFECD E5) |
| YUV | 222.3870, 3.2602, 27.7246 |
| Hunter-Lab | 83.8991, 16.6939, -0.4148 |

Details

The Yxy color $70.3906, 0.3328, 0.3048$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89.5870, 0.2964, 0.3545$, and the grayscale version is $73.3040, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.0595, 0.3371, 0.2994$ is the 20% darker color. If you saturate the color by 10%, you get $58.5155, 0.3464, 0.2916$, and if you desaturate by 10%, it is $84.2987, 0.3215, 0.3177$.

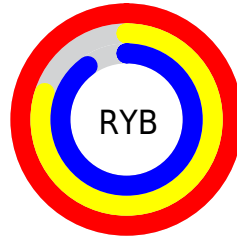
Distribution



Red (100%)

Green (80%)

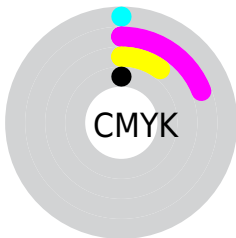
Blue (90%)



Red (100%)

Yellow (80%)

Blue (90%)

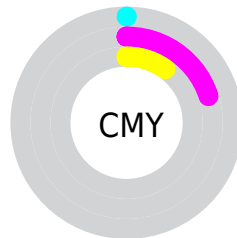


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3906, 0.3328, 0.3048 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 70.3906, 0.3328, 0.3048 by changing the saturation by 10% instead.


 70.3906, 0.3328,
0.3048

 70.3906, 0.3328,
0.3048


461.9203, 0.3236,
0.3159

 51.8450, 0.3349,
0.3023


119.7656, 0.3296,
0.3086

 36.8816, 0.3375,
0.2992


151.3638, 0.3284,
0.3101

 25.1158, 0.3408,
0.2954


188.0818, 0.3273,
0.3114

 16.1634, 0.3450,
0.2904

230.3037, 0.3263,
0.3125

 9.6398, 0.3509,
0.2836

278.4142, 0.3255,
0.3135

 5.1608, 0.3592,
0.2741

332.7975, 0.3248,

 2.3419, 0.3722,

0.3144

0.2594

393.8381, 0.3241,
0.3152

0.7958, 0.3955,
0.2337

0.0000, 0.8745,
0.0000

70.3906, 0.3328,
0.3048

70.3906, 0.3328,
0.3048

58.5155, 0.3464,
0.2916

84.2987, 0.3215,
0.3177

48.5677, 0.3626,
0.2784

99.8101, 0.3122,
0.3291

40.4462, 0.3816,
0.2660

99.8148, 0.3121,
0.3290

34.0371, 0.4033,
0.2555

■ 29.2132, 0.4273,
0.2480

■ 25.8297, 0.4527,
0.2449

■ 23.7145, 0.4782,
0.2471

■ 22.6067, 0.5025,
0.2545

■ 22.5450, 0.5042,
0.2551

Harmonies

Analogous

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



70.3906, 0.3060, 0.2903



70.3906, 0.3328, 0.3048



70.3906, 0.3548, 0.3253

Triad

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



70.3906, 0.3328, 0.3048



70.3906, 0.3430, 0.3757



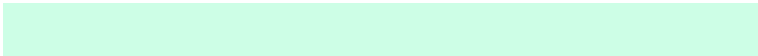
70.3906, 0.2630, 0.3070

Complementary

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



70.3906, 0.3328, 0.3048



89.5870, 0.2964, 0.3545

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.



70.3906, 0.2721, 0.3307



70.3906, 0.3328, 0.3048



70.3906, 0.3177, 0.3720

Square

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



70.3906, 0.3328, 0.3048



70.3906, 0.3606, 0.3661



70.3906, 0.2918, 0.3551



70.3906, 0.2666, 0.2907

Rectangle

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



70.3906, 0.3328, 0.3048



70.3906, 0.3632, 0.3402



70.3906, 0.2918, 0.3551



70.3906, 0.2647, 0.3143

Sweetspot

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



70.3937, 0.3328, 0.3048



90.1317, 0.3182, 0.3218



67.5583, 0.2974, 0.2783



19.0721, 0.3188, 0.3210



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.



70.3937, 0.3328, 0.3048



66.3405, 0.3376, 0.2999



69.1418, 0.3510, 0.3291



18.1356, 0.3217, 0.3174



11.9134, 0.5005, 0.2531



1.1820, 0.4745, 0.2388

Inverse Universe

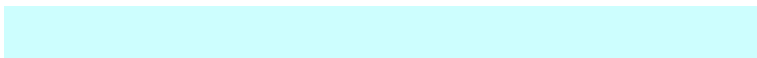
The Inverse Universe completely reimagines the original color for something new.



70.3937, 0.3328, 0.3048



66.3405, 0.3376, 0.2999



91.0323, 0.2837, 0.3289



18.1356, 0.3217, 0.3174



11.9134, 0.5005, 0.2531



1.1820, 0.4745, 0.2388

Previews

White Background



This preview shows how the Yxy color 70.3906, 0.3328, 0.3048 looks on a white background.

Color Contrast Check

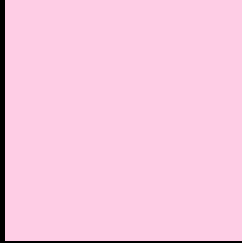
Large Text (above 18pt) WCAG AA × Fail

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 70.3906, 0.3328, 0.3048 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 70.3906, 0.3328, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 70.3906, 0.3328, 0.3048.



This preview shows how white text looks on a background with the Yxy color 70.3906, 0.3328, 0.3048.

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

70.3906, 0.3328, 0.3048

Protanopia

70.4918, 0.2997, 0.3074

Deuteranopia

70.5213, 0.3194, 0.3122



Tritanopia

70.2992, 0.3371, 0.3128

Trichromacy



Original Color

70.3906, 0.3328, 0.3048

Protanomaly

70.3520, 0.3109, 0.3068

Deuteranomaly

70.2571, 0.3248, 0.3094

Tritanomaly

70.4615, 0.3349, 0.3098

Monochromacy



Original Color

70.3906, 0.3328, 0.3048

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.0404, 0.3197, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3906, 0.3328, 0.3048 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, 205, 229)` looks like.

```
.text, #text, p{  
    color:rgb(254, 205, 229)  
}
```

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, 205, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 205, 229) }
```

Border

The CSS property to change the border of an element to Yxy 70.3906, 0.3328, 0.3048 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, 205, 229) }
```

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

```
.border{ border-color:rgb(254, 205, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 205, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 205, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 205, 229);  
box-shadow:4px 4px 4px 4px rgb(254, 205,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3906, 0.3328, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 205, 229) }
```

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

```
.background{ background-color: rgb(254,  
205, 229) }
```

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