

Converting Colors

$Yxy(68.7837, 0.3481, 0.3231)$

Have a look what the booklet for
Yxy(68.7837, 0.3481, 0.3231)
contains.

Yxy(68.8600, 0.3480, 0.3240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(68.8600, 0.3480, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	FECDD1
RGB	254, 204, 209
RGB Percent	100%, 80%, 82%
CMY	0.0041, 0.1999, 0.1804
CMYK	0.00, 0.20, 0.18, 0.00
HSL	354°, 96%, 90%
HSV	354°, 20%, 100%
XYZ	73.9607, 68.8600, 69.7101
YIQ	219.5200, 28.1950, 12.1550

Conversions

Conversions Part 2

Format	Color
RYB	254, 204, 209
Decimal	16698577
CIELab	86.43, 18.37, 4.24
CIELCh	86, 18.847, 12.989
Yxy	68.8600, 0.3480, 0.3240
Android (android.graphics.Color)	4294888657 (0xFFFECCD1)
YUV	219.5200, -5.1864, 30.2390
Hunter-Lab	82.9819, 13.8764, 8.2800

Details

The Yxy color **68.8600, 0.3480, 0.3240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.5331, 0.2858, 0.3341**, and the grayscale version is **71.2398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0496, 0.3565, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **56.7048, 0.3727, 0.3213**, and if you desaturate by 10%, it is **83.1523, 0.3281, 0.3266**.

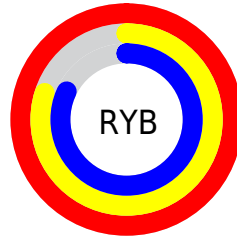
Distribution



Red (100%)

Green (80%)

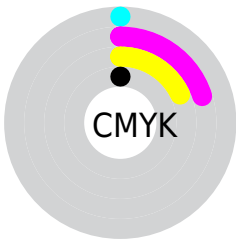
Blue (82%)



Red (100%)

Yellow (80%)

Blue (82%)

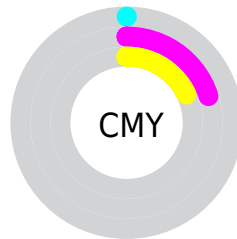


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.8600, 0.3480, 0.3240 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 68.8600, 0.3480, 0.3240 by changing the saturation by 10% instead.


 68.8600, 0.3480,
0.3240

 68.8600, 0.3480,
0.3240


456.5370, 0.3314,
0.3265

 50.5977, 0.3519,
0.3234


117.5816, 0.3422,
0.3249

 35.8885, 0.3567,
0.3226


148.8097, 0.3400,
0.3253

 24.3481, 0.3628,
0.3215


185.1285, 0.3380,
0.3255

 15.5921, 0.3709,
0.3201

226.9224, 0.3364,
0.3258

 9.2360, 0.3821,
0.3180

274.5758, 0.3349,
0.3260

 4.8954, 0.3986,
0.3148


328.4731, 0.3336,


 2.1860, 0.4253,


0.3262


0.3090

388.9987, 0.3324,
0.3264


 0.7124, 0.4929,
0.3031


 0.0000, 1.0000,
0.0000

 68.8600, 0.3480,
0.3240


 68.8600, 0.3480,
0.3240

 56.7048, 0.3727,
0.3213


 83.1523, 0.3281,
0.3266

 46.5751, 0.4031,
0.3187

99.6675, 0.3122,
0.3291

 38.3635, 0.4398,
0.3164

99.8019, 0.3121,
0.3290

 31.9490, 0.4821,
0.3150

■ 27.1965, 0.5276,
0.3150

■ 23.9522, 0.5717,
0.3167

■ 22.0333, 0.6076,
0.3204

■ 21.1554, 0.6305,
0.3249

■ 21.1332, 0.6311,
0.3250

Harmonies

Analogous

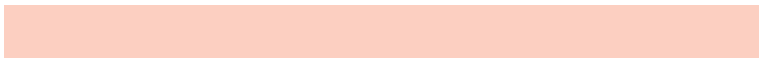
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.8600, 0.3282, 0.3062



68.8600, 0.3480, 0.3240



68.8600, 0.3581, 0.3436

Triad

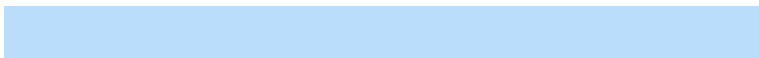
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.8600, 0.3480, 0.3240



68.8600, 0.3194, 0.3672



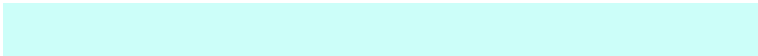
68.8600, 0.2714, 0.2965

Complementary

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



68.8600, 0.3480, 0.3240



90.5331, 0.2858, 0.3341

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.



68.8600, 0.2693, 0.3117



68.8600, 0.3480, 0.3240



68.8600, 0.2965, 0.3535

Square

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



68.8600, 0.3480, 0.3240



68.8600, 0.3412, 0.3695



68.8600, 0.2784, 0.3327



68.8600, 0.2841, 0.2904

Rectangle

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



68.8600, 0.3480, 0.3240



68.8600, 0.3578, 0.3554



68.8600, 0.2784, 0.3327



68.8600, 0.2695, 0.3007

Sweetspot

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



68.8631, 0.3480, 0.3240



89.7679, 0.3219, 0.3275



70.4832, 0.3114, 0.2795



18.9863, 0.3230, 0.3274



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.



68.8631, 0.3480, 0.3240



63.9196, 0.3581, 0.3228



78.7322, 0.3480, 0.3494



18.0164, 0.3279, 0.3267



11.1559, 0.6289, 0.3238



1.0955, 0.6077, 0.3121

Inverse Universe

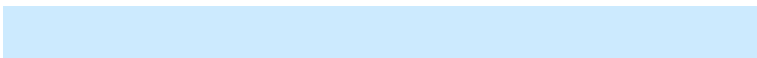
The Inverse Universe completely reimagines the original color for something new.



68.8631, 0.3480, 0.3240



63.9196, 0.3581, 0.3228



78.8291, 0.2819, 0.3077



18.0164, 0.3279, 0.3267



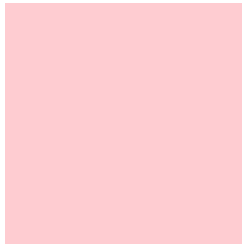
11.1559, 0.6289, 0.3238



1.0955, 0.6077, 0.3121

Previews

White Background



This preview shows how the Yxy color 68.8600, 0.3480, 0.3240 looks on a white background.

Color Contrast Check

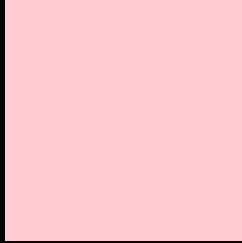
Large Text (above 18pt) WCAG AA × Fail

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 68.8600, 0.3480, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

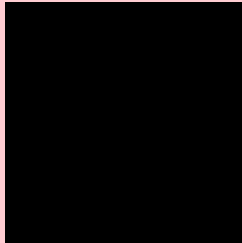
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8600, 0.3480, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 68.8600, 0.3480, 0.3240.



This preview shows how white text looks on a background with the Yxy color 68.8600, 0.3480, 0.3240.

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

68.8600, 0.3480, 0.3240

Protanopia

69.3902, 0.3170, 0.3301

Deuteranopia

68.8558, 0.3378, 0.3301



Tritanopia

69.0338, 0.3421, 0.3138

Trichromacy



Original Color

68.8600, 0.3480, 0.3240

Protanomaly

69.2147, 0.3277, 0.3280

Deuteranomaly

68.7725, 0.3420, 0.3280

Tritanomaly

68.8782, 0.3444, 0.3169

Monochromacy



Original Color

68.8600, 0.3480, 0.3240

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.2068, 0.3246, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8600, 0.3480, 0.3240 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, 204, 209)` looks like.

```
.text, #text, p{  
    color:rgb(254, 204, 209)  
}
```

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, 204, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 209) }
```

Border

The CSS property to change the border of an element to Yxy 68.8600, 0.3480, 0.3240 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, 204, 209) }
```

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

```
.border{ border-color:rgb(254, 204, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 204, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(254, 204,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8600, 0.3480, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 204, 209) }
```

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

```
.background{ background-color: rgb(254,  
204, 209) }
```

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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