

Converting Colors

Yxy(69.4373, 0.3471, 0.3245)

Have a look what the booklet for
Yxy(69.4373, 0.3471, 0.3245)
contains.

Yxy(69.3866, 0.3471, 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(69.3866, 0.3471, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	FECDD2
RGB	254, 205, 210
RGB Percent	100%, 80%, 82%
CMY	0.0039, 0.1960, 0.1765
CMYK	0.00, 0.19, 0.17, 0.00
HSL	354°, 96%, 90%
HSV	354°, 19%, 100%
XYZ	74.3336, 69.3866, 70.4360
YIQ	220.2210, 27.5990, 11.9430

Conversions

Conversions Part 2

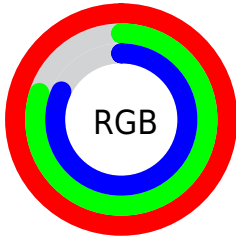
Format	Color
R _Y B	254, 205, 210
Decimal	16698834
CIE Lab	86.70, 18.01, 4.09
CIE LCh	87, 18.472, 12.789
Yxy	69.3866, 0.3471, 0.3240
Android (android.graphics.Color)	4294888914 (0xFFFECD2)
YUV	220.2210, -5.0390, 29.6242
Hunter-Lab	83.2986, 13.5164, 8.1744

Details

The Yxy color **69.3866, 0.3471, 0.3240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.7015, 0.2863, 0.3341**, and the grayscale version is **71.7549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4038, 0.3552, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **57.1503, 0.3716, 0.3212**, and if you desaturate by 10%, it is **83.7638, 0.3274, 0.3267**.

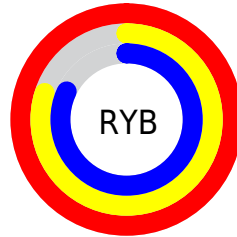
Distribution



Red (100%)

Green (80%)

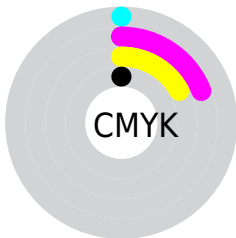
Blue (82%)



Red (100%)

Yellow (80%)

Blue (82%)

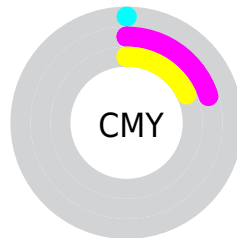


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3866, 0.3471, 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 69.3866, 0.3471, 0.3240 by changing the saturation by 10% instead.

 69.3866, 0.3471,
0.3240

 69.3866, 0.3471,
0.3240


458.3933, 0.3310,
0.3265

 51.0266, 0.3508,
0.3234

118.3336, 0.3415,
0.3249

 36.2298, 0.3555,
0.3226


149.6894, 0.3393,
0.3252

 24.6117, 0.3614,
0.3216


186.1459, 0.3374,
0.3255

 15.7880, 0.3693,
0.3202

228.0876, 0.3358,
0.3258

 9.3743, 0.3802,
0.3181

275.8987, 0.3343,
0.3260

 4.9861, 0.3961,
0.3150

329.9638, 0.3331,

 2.2391, 0.4219,

0.3262

0.3094

390.6672, 0.3320,
0.3264

0.7412, 0.4835,
0.3032

0.0000, 1.0000,
0.0000

69.3866, 0.3471,
0.3240

69.3866, 0.3471,
0.3240

57.1503, 0.3716,
0.3212

83.7638, 0.3274,
0.3267

46.9436, 0.4017,
0.3186

99.8097, 0.3121,
0.3290

38.6595, 0.4380,
0.3162

32.1773, 0.4800,
0.3147

■ 27.3627, 0.5255,
0.3146

■ 24.0627, 0.5696,
0.3163

■ 22.0958, 0.6061,
0.3200

■ 21.1902, 0.6296,
0.3247

■ 21.1433, 0.6308,
0.3249

Harmonies

Analogous

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



69.3866, 0.3277, 0.3066



69.3866, 0.3471, 0.3240



69.3866, 0.3571, 0.3432

Triad

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



69.3866, 0.3471, 0.3240



69.3866, 0.3195, 0.3664



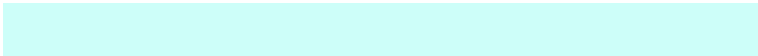
69.3866, 0.2722, 0.2973

Complementary

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



69.3866, 0.3471, 0.3240



90.7015, 0.2863, 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.



69.3866, 0.2703, 0.3122



69.3866, 0.3471, 0.3240



69.3866, 0.2970, 0.3531

Square

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



69.3866, 0.3471, 0.3240



69.3866, 0.3407, 0.3685



69.3866, 0.2792, 0.3328



69.3866, 0.2846, 0.2913

Rectangle

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



69.3866, 0.3471, 0.3240



69.3866, 0.3568, 0.3547



69.3866, 0.2792, 0.3328



69.3866, 0.2704, 0.3014

Sweetspot

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



69.3897, 0.3471, 0.3240



89.7697, 0.3219, 0.3275



70.8307, 0.3108, 0.2803



18.9867, 0.3230, 0.3274



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

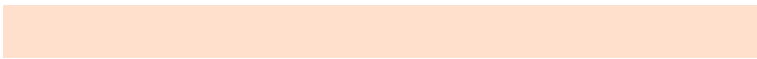
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3897, 0.3471, 0.3240



65.1766, 0.3556, 0.3230



78.6752, 0.3473, 0.3482



18.0170, 0.3278, 0.3266



11.1573, 0.6286, 0.3236



1.0958, 0.6071, 0.3118

Inverse Universe

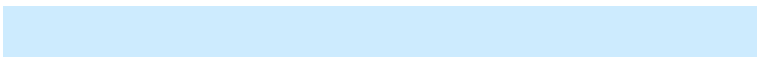
The Inverse Universe completely reimagines the original color for something new.



69.3897, 0.3471, 0.3240



65.1766, 0.3556, 0.3230



79.6771, 0.2825, 0.3090



18.0170, 0.3278, 0.3266



11.1573, 0.6286, 0.3236



1.0958, 0.6071, 0.3118

Previews

White Background



This preview shows how the Yxy color 69.3866, 0.3471, 0.3240 looks on a white background.

Color Contrast Check

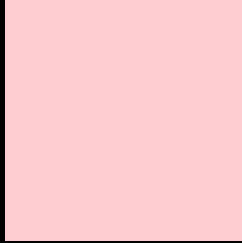
Large Text (above 18pt) WCAG AA × Fail

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 69.3866, 0.3471, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

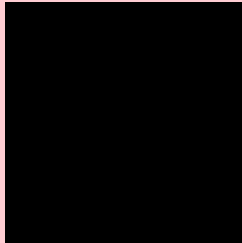
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3866, 0.3471, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 69.3866, 0.3471, 0.3240.



This preview shows how white text looks on a background with the Yxy color 69.3866, 0.3471, 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

69.3866, 0.3471, 0.3240

Protanopia

69.4418, 0.3164, 0.3290

Deuteranopia

69.3974, 0.3370, 0.3301



Tritanopia

69.5602, 0.3412, 0.3138

Trichromacy



Original Color

69.3866, 0.3471, 0.3240

Protanomaly

69.2656, 0.3270, 0.3269

Deuteranomaly

69.3080, 0.3411, 0.3280

Tritanomaly

69.4036, 0.3435, 0.3169

Monochromacy



Original Color

69.3866, 0.3471, 0.3240

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.7146, 0.3245, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3866, 0.3471, 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, 205, 210)` looks like.

```
.text, #text, p{  
    color:rgb(254, 205, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 205, 210) }
```

Border

The CSS property to change the border of an element to Yxy 69.3866, 0.3471, 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, 205, 210) }
```

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

```
.border{ border-color:rgb(254, 205, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 205, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 205, 210);  
box-shadow:4px 4px 4px 4px rgb(254, 205,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3866, 0.3471, 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, 205, 210) }
```

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

```
.background{ background-color: rgb(254,  
205, 210) }
```

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