

# Converting Colors

Yxy(69.6671, 0.3465, 0.3255)

Have a look what the booklet for  
Yxy(69.6671, 0.3465, 0.3255)  
contains.

<b>Yxy(69.6784, 0.3461, 0.3250)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(69.6784, 0.3461, 0.3250)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDCED2
RGB	253, 206, 210
RGB Percent	99%, 81%, 82%
CMY	0.0080, 0.1921, 0.1764
CMYK	0.00, 0.19, 0.17, 0.01
HSL	355°, 92%, 90%
HSV	355°, 19%, 99%
XYZ	74.2021, 69.6784, 70.5145
YIQ	220.5090, 26.7280, 11.2080

# Conversions

## Conversions Part 2

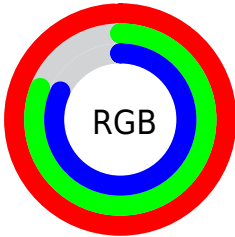
Format	Color
R <sub>Y</sub> B	253, 206, 210
Decimal	16633554
CIE Lab	86.84, 17.12, 4.27
CIE LCh	87, 17.648, 14.011
Yxy	69.6784, 0.3461, 0.3250
Android (android.graphics.Color)	4294823634 (0xFFFD CED2)
YUV	220.5090, -5.1809, 28.4946
Hunter-Lab	83.4736, 12.5951, 8.3461

# Details

The Yxy color **69.6784, 0.3461, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.1892, 0.2868, 0.3331**, and the grayscale version is **71.9674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.5925, 0.3539, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **57.3931, 0.3706, 0.3227**, and if you desaturate by 10%, it is **84.0969, 0.3264, 0.3272**.

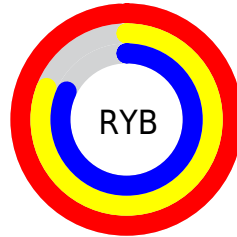
# Distribution



Red (99%)

Green (81%)

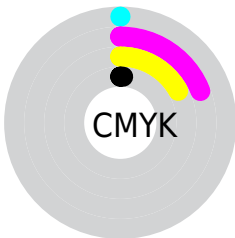
Blue (82%)



Red (99%)

Yellow (81%)

Blue (82%)

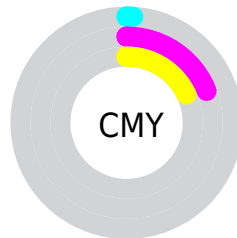


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (1%)



Cyan (1%)

Magenta (19%)


Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6784, 0.3461, 0.3250 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 69.6784, 0.3461, 0.3250 by changing the saturation by 10% instead.




 69.6784, 0.3461,  
0.3250

 69.6784, 0.3461,  
0.3250

459.4200, 0.3304,  
0.3270

 51.2644, 0.3497,  
0.3245


118.7500, 0.3406,  
0.3257

 36.4191, 0.3542,  
0.3238


150.1764, 0.3385,  
0.3260

 24.7580, 0.3600,  
0.3230


186.7091, 0.3367,  
0.3263

 15.8969, 0.3676,  
0.3218

228.7324, 0.3351,  
0.3265

 9.4512, 0.3781,  
0.3201

276.6307, 0.3337,  
0.3266

 5.0366, 0.3936,  
0.3174

330.7885, 0.3325,

 2.2688, 0.4185,

0.3268

0.3126

391.5901, 0.3314,  
0.3269

0.7571, 0.4778,  
0.3082

0.0000, 1.0000,  
0.0000

69.6784, 0.3461,  
0.3250

69.6784, 0.3461,  
0.3250

57.3931, 0.3706,  
0.3227

84.0969, 0.3264,  
0.3272

47.1309, 0.4009,  
0.3205

99.6155, 0.3115,  
0.3290

38.7860, 0.4375,  
0.3185

32.2394, 0.4799,  
0.3173

■ 27.3586, 0.5259,  
0.3172

■ 23.9930, 0.5705,  
0.3186

■ 21.9648, 0.6073,  
0.3217

■ 21.0241, 0.6306,  
0.3257

■ 20.9314, 0.6330,  
0.3261

# Harmonies

## Analogous

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



69.6784, 0.3279, 0.3082



69.6784, 0.3461, 0.3250



69.6784, 0.3552, 0.3433

# Triad

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



69.6784, 0.3461, 0.3250



69.6784, 0.3183, 0.3643



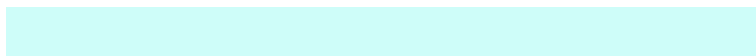
69.6784, 0.2743, 0.2984

# Complementary

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



69.6784, 0.3461, 0.3250



90.1892, 0.2868, 0.3331

# 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.



69.6784, 0.2721, 0.3123



69.6784, 0.3461, 0.3250



69.6784, 0.2969, 0.3512

# Square

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



69.6784, 0.3461, 0.3250



69.6784, 0.3387, 0.3668



69.6784, 0.2802, 0.3318



69.6784, 0.2865, 0.2929



# Rectangle

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



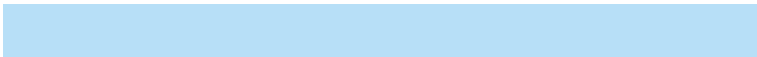
69.6784, 0.3461, 0.3250



69.6784, 0.3546, 0.3542



69.6784, 0.2802, 0.3318



69.6784, 0.2724, 0.3022

# Sweetspot

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



69.6816, 0.3461, 0.3250



89.7545, 0.3220, 0.3278



71.2474, 0.3115, 0.2823



18.9831, 0.3231, 0.3276



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.



69.6816, 0.3461, 0.3250



66.4043, 0.3540, 0.3242



79.0735, 0.3457, 0.3482



18.0121, 0.3281, 0.3270



11.1469, 0.6310, 0.3250



1.0935, 0.6122, 0.3146



# Inverse Universe

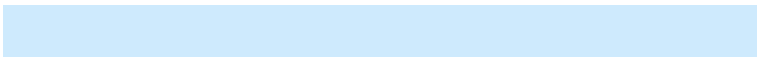
The Inverse Universe completely reimagines the original color for something new.



69.6816, 0.3461, 0.3250



66.4043, 0.3540, 0.3242



79.1654, 0.2836, 0.3090



18.0121, 0.3281, 0.3270



11.1469, 0.6310, 0.3250



1.0935, 0.6122, 0.3146



# Previews

## White Background



This preview shows how the Yxy color 69.6784, 0.3461, 0.3250 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

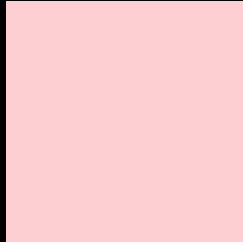
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 69.6784, 0.3461, 0.3250 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

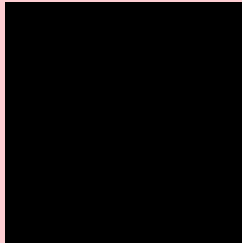
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 69.6784, 0.3461, 0.3250**

## Background



This preview shows how black text looks on a background with the Yxy color 69.6784, 0.3461, 0.3250.

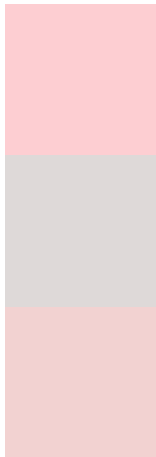


This preview shows how white text looks on a background with the Yxy color 69.6784, 0.3461, 0.3250.

# 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

69.6784, 0.3461, 0.3250

### Protanopia

70.1132, 0.3170, 0.3301

### Deuteranopia

69.5739, 0.3377, 0.3301



## Tritanopia

69.4239, 0.3397, 0.3128

# Trichromacy



## Original Color

69.6784, 0.3461, 0.3250

## Protanomaly

69.7672, 0.3269, 0.3280

## Deuteranomaly

69.7972, 0.3410, 0.3291

## Tritanomaly

69.6913, 0.3425, 0.3179

# Monochromacy



## Original Color

69.6784, 0.3461, 0.3250

## Achromatopsia

72.3055, 0.3127, 0.3290

## Achromatomaly

71.4451, 0.3245, 0.3280

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 69.6784, 0.3461, 0.3250 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(253, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 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(253, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 210) }
```

## Border

The CSS property to change the border of an element to Yxy 69.6784, 0.3461, 0.3250 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(253, 206, 210) }
```

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

```
.border{ border-color:rgb(253, 206, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
210) }
```



# Background

The CSS property to change the background color of an element to Yxy 69.6784, 0.3461, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 210) }
```

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

```
.background{ background-color: rgb(253,  
206, 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