

Converting Colors

Yxy(64.0697, 0.3490, 0.3136)

Have a look what the booklet for
Yxy(64.0697, 0.3490, 0.3136)
contains.

Yxy(64.0697, 0.3490, 0.3136)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.0697, 0.3490, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	FDC2D1
RGB	253, 194, 209
RGB Percent	99%, 76%, 82%
CMY	0.0079, 0.2392, 0.1804
CMYK	0.00, 0.23, 0.17, 0.01
HSL	345°, 94%, 88%
HSV	345°, 23%, 99%
XYZ	71.3021, 64.0697, 68.9321
YIQ	213.3510, 30.3490, 17.1730

Conversions

Conversions Part 2

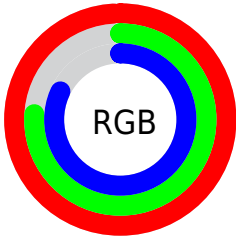
Format	Color
R _Y B	253, 194, 209
Decimal	16630481
CIE Lab	84.00, 23.27, 0.69
CIE LCh	84, 23.283, 1.687
Yxy	64.0697, 0.3490, 0.3136
Android (android.graphics.Color)	4294820561 (0xFFFD C2D1)
YUV	213.3510, -2.1450, 34.7722
Hunter-Lab	80.0436, 18.9299, 4.9710

Details

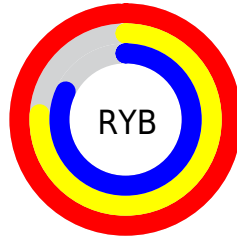
The Yxy color **64.0697, 0.3490, 0.3136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.8793, 0.2858, 0.3451**, and the grayscale version is **66.7872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **32.8585, 0.3582, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **52.8732, 0.3708, 0.3066**, and if you desaturate by 10%, it is **77.2994, 0.3312, 0.3205**.

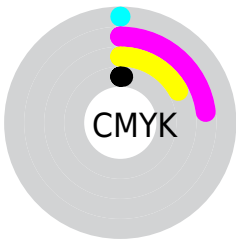
Distribution



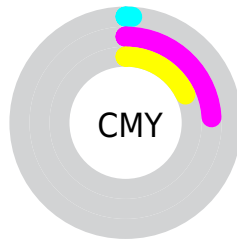
- Red (99%)
- Green (76%)
- Blue (82%)



- Red (99%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (1%)




- Cyan (1%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0697, 0.3490, 0.3136 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 64.0697, 0.3490, 0.3136 by changing the saturation by 10% instead.

 64.0697, 0.3490,
0.3136

 64.0697, 0.3490,
0.3136


439.4413, 0.3318,
0.3209

 46.7071, 0.3530,
0.3119


 110.7113, 0.3429,
0.3162

 32.8042, 0.3581,
0.3097


140.7591, 0.3406,
0.3172

 21.9765, 0.3646,
0.3069


175.8042, 0.3386,
0.3180

 13.8396, 0.3732,
0.3032

216.2308, 0.3369,
0.3188

 8.0092, 0.3852,
0.2980

262.4235, 0.3354,
0.3194

 4.1008, 0.4032,
0.2902

314.7665, 0.3340,

 1.7301, 0.4328,

0.3200

0.2772

373.6443, 0.3329,
0.3205

0.4431, 0.5321,
0.2362

0.0000, 0.0000,
0.0000

64.0697, 0.3490,
0.3136

64.0697, 0.3490,
0.3136

52.8732, 0.3708,
0.3066

77.2994, 0.3312,
0.3205

43.6003, 0.3973,
0.2999

92.6473, 0.3168,
0.3270

36.1444, 0.4287,
0.2941

99.6182, 0.3115,
0.3290

30.3847, 0.4647,
0.2901

■ 26.1858, 0.5036,
0.2891

■ 23.3914, 0.5425,
0.2921

■ 21.8119, 0.5770,
0.2994

■ 21.2518, 0.5962,
0.3058

Harmonies

Analogous

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



64.0697, 0.3209, 0.2937



64.0697, 0.3490, 0.3136



64.0697, 0.3673, 0.3377

Triad

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



64.0697, 0.3490, 0.3136



64.0697, 0.3319, 0.3807



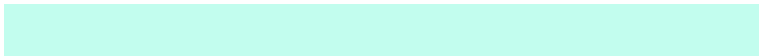
64.0697, 0.2583, 0.2937

Complementary

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



64.0697, 0.3490, 0.3136



87.8793, 0.2858, 0.3451

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.



64.0697, 0.2610, 0.3162



64.0697, 0.3490, 0.3136



64.0697, 0.3026, 0.3685

Square

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



64.0697, 0.3490, 0.3136



64.0697, 0.3569, 0.3773



64.0697, 0.2769, 0.3441



64.0697, 0.2692, 0.2819

Rectangle

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



64.0697, 0.3490, 0.3136



64.0697, 0.3711, 0.3537



64.0697, 0.2769, 0.3441



64.0697, 0.2576, 0.3002

Sweetspot

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



64.0726, 0.3490, 0.3136



88.3073, 0.3218, 0.3246



63.7293, 0.3037, 0.2687



18.6966, 0.3227, 0.3242



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

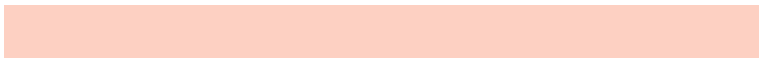
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0726, 0.3490, 0.3136



59.6275, 0.3587, 0.3103



69.7753, 0.3580, 0.3434



18.0628, 0.3254, 0.3230



11.3273, 0.5922, 0.3036



1.1197, 0.5607, 0.2862

Inverse Universe

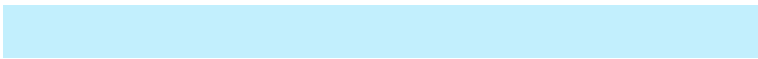
The Inverse Universe completely reimagines the original color for something new.



64.0726, 0.3490, 0.3136



59.6275, 0.3587, 0.3103



80.4230, 0.2770, 0.3141



18.0628, 0.3254, 0.3230



11.3273, 0.5922, 0.3036



1.1197, 0.5607, 0.2862

Previews

White Background



This preview shows how the Yxy color 64.0697, 0.3490, 0.3136 looks on a white background.

Color Contrast Check

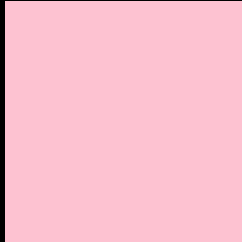
Large Text (above 18pt) WCAG AA × Fail

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 64.0697, 0.3490, 0.3136 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 64.0697, 0.3490, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 64.0697, 0.3490, 0.3136.

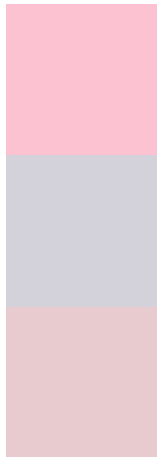


This preview shows how white text looks on a background with the Yxy color 64.0697, 0.3490, 0.3136.

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

64.0697, 0.3490, 0.3136

Protanopia

64.5118, 0.3080, 0.3188

Deuteranopia

64.2058, 0.3316, 0.3247



Tritanopia

64.0697, 0.3490, 0.3136

Trichromacy



Original Color

64.0697, 0.3490, 0.3136

Protanomaly

64.2608, 0.3217, 0.3170

Deuteranomaly

64.2133, 0.3376, 0.3205

Tritanomaly

64.0697, 0.3490, 0.3136

Monochromacy



Original Color

64.0697, 0.3490, 0.3136

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.3901, 0.3252, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0697, 0.3490, 0.3136 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, 194, 209)` looks like.

```
.text, #text, p{  
    color:rgb(253, 194, 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(253, 194, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 194, 209) }
```

Border

The CSS property to change the border of an element to Yxy 64.0697, 0.3490, 0.3136 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, 194, 209) }
```

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

```
.border{ border-color:rgb(253, 194, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 194, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(253, 194,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0697, 0.3490, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 194, 209) }
```

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

```
.background{ background-color: rgb(253,  
194, 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](#).

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