

Converting Colors

$Y_{xy}(73.1516, 0.3522, 0.3244)$

Have a look what the booklet for
Yxy(73.1516, 0.3522, 0.3244)
contains.

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Color

Yxy(71.1758, 0.3451, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0D5
RGB	255, 208, 213
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1843, 0.1647
CMYK	0.00, 0.18, 0.16, 0.00
HSL	354°, 100%, 91%
HSV	354°, 18%, 100%
XYZ	75.8110, 71.1758, 72.6916
YIQ	222.6230, 26.4070, 11.5190

Conversions

Conversions Part 2

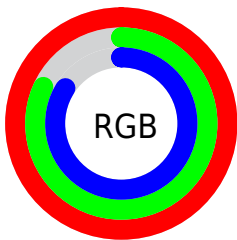
Format	Color
R _Y B	255, 208, 213
Decimal	16765141
CIE Lab	87.57, 17.27, 3.77
CIE LCh	88, 17.680, 12.315
Yxy	71.1758, 0.3451, 0.3240
Android (android.graphics.Color)	4294955221 (0xFFFFD0D5)
YUV	222.6230, -4.7441, 28.3946
Hunter-Lab	84.3658, 12.7599, 7.9703

Details

The Yxy color **71.1758, 0.3451, 0.3240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.8319, 0.2875, 0.3341**, and the grayscale version is **73.5292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2569, 0.3537, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **58.6476, 0.3690, 0.3211**, and if you desaturate by 10%, it is **85.8644, 0.3259, 0.3268**.

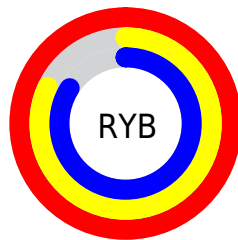
Distribution



Red (100%)

Green (82%)

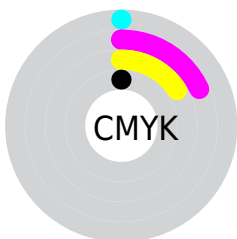
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

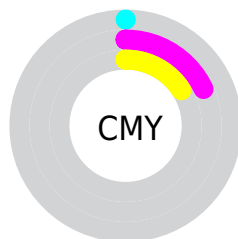


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1758, 0.3451, 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 71.1758, 0.3451, 0.3240 by changing the saturation by 10% instead.


 71.1758, 0.3451,
0.3240

 71.1758, 0.3451,
0.3240


464.6678, 0.3300,
0.3265

 52.4857, 0.3486,
0.3234


120.8840, 0.3398,
0.3249

 37.3923, 0.3529,
0.3226


152.6709, 0.3378,
0.3252

 25.5114, 0.3584,
0.3216


189.5921, 0.3360,
0.3255

 16.4585, 0.3657,
0.3203

232.0321, 0.3345,
0.3258

 9.8492, 0.3757,
0.3184

280.3753, 0.3332,
0.3260

 5.2991, 0.3903,
0.3154

335.0060, 0.3320,

 2.4238, 0.4137,

0.3262

0.3103

396.3087, 0.3309,
0.3263

0.8381, 0.4620,
0.3032

0.0000, 1.0000,
0.0000

71.1758, 0.3451,
0.3240

71.1758, 0.3451,
0.3240

58.6476, 0.3690,
0.3211

85.8644, 0.3259,
0.3268

48.1793, 0.3984,
0.3183

100.0000, 0.3127,
0.3290

39.6601, 0.4340,
0.3158

32.9692, 0.4754,
0.3141

■ 27.9727, 0.5205,
0.3138

■ 24.5179, 0.5649,
0.3154

■ 22.4249, 0.6024,
0.3190

■ 21.4442, 0.6273,
0.3239

■ 21.3397, 0.6302,
0.3245

Harmonies

Analogous

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



71.1758, 0.3266, 0.3075



71.1758, 0.3451, 0.3240



71.1758, 0.3547, 0.3423

Triad

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



71.1758, 0.3451, 0.3240



71.1758, 0.3195, 0.3645



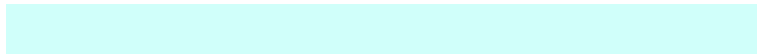
71.1758, 0.2741, 0.2991

Complementary

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



71.1758, 0.3451, 0.3240



91.8319, 0.2875, 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.



71.1758, 0.2725, 0.3134



71.1758, 0.3451, 0.3240



71.1758, 0.2982, 0.3521

Square

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



71.1758, 0.3451, 0.3240



71.1758, 0.3395, 0.3664



71.1758, 0.2811, 0.3329



71.1758, 0.2858, 0.2932

Rectangle

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



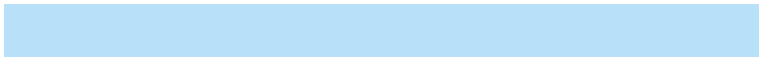
71.1758, 0.3451, 0.3240



71.1758, 0.3546, 0.3533



71.1758, 0.2811, 0.3329



71.1758, 0.2724, 0.3030

Sweetspot

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



71.1753, 0.3451, 0.3240



89.7742, 0.3218, 0.3274



72.5660, 0.3109, 0.2825



18.9878, 0.3229, 0.3273



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

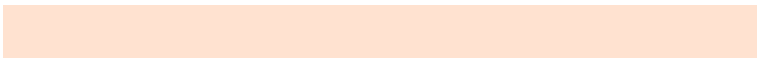
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1753, 0.3451, 0.3240



66.4622, 0.3530, 0.3230



80.2154, 0.3456, 0.3473



18.0185, 0.3278, 0.3265



11.1606, 0.6278, 0.3232



1.0965, 0.6056, 0.3110

Inverse Universe

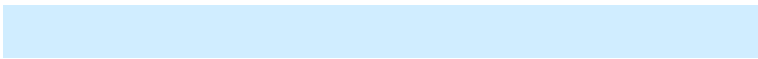
The Inverse Universe completely reimagines the original color for something new.



71.1753, 0.3451, 0.3240



66.4622, 0.3530, 0.3230



81.1882, 0.2839, 0.3100



18.0185, 0.3278, 0.3265



11.1606, 0.6278, 0.3232



1.0965, 0.6056, 0.3110

Previews

White Background



This preview shows how the Yxy color 71.1758, 0.3451, 0.3240 looks on a white background.

Color Contrast Check

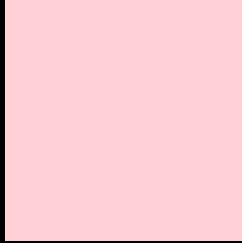
Large Text (above 18pt) WCAG AA × Fail

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 71.1758, 0.3451, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

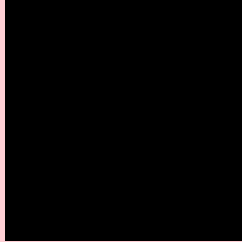
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1758, 0.3451, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 71.1758, 0.3451, 0.3240.



This preview shows how white text looks on a background with the Yxy color 71.1758, 0.3451, 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

71.1758, 0.3451, 0.3240

Protanopia

71.6248, 0.3163, 0.3290

Deuteranopia

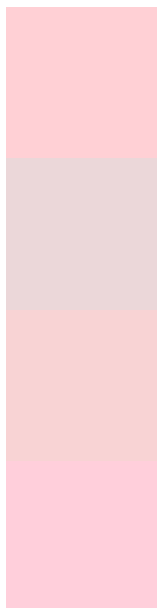
71.0735, 0.3368, 0.3291



Tritanopia

71.1596, 0.3385, 0.3139

Trichromacy



Original Color

71.1758, 0.3451, 0.3240

Protanomaly

71.2728, 0.3261, 0.3269

Deuteranomaly

71.2985, 0.3400, 0.3280

Tritanomaly

71.0001, 0.3407, 0.3169

Monochromacy



Original Color

71.1758, 0.3451, 0.3240

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.9194, 0.3244, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1758, 0.3451, 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(255, 208, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 213)  
}
```

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(255, 208, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 213) }
```

Border

The CSS property to change the border of an element to Yxy 71.1758, 0.3451, 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(255, 208, 213) }
```

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

```
.border{ border-color:rgb(255, 208, 213) }
```

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

Here you see how a box with a 4 pixel rgb(255, 208, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1758, 0.3451, 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(255, 208, 213) }
```

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

```
.background{ background-color: rgb(255,  
208, 213) }
```

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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