

Converting Colors

$Yxy(70.6542, 0.3461, 0.3242)$

Have a look what the booklet for
Yxy(70.6542, 0.3461, 0.3242)
contains.

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Color

Yxy(70.6391, 0.3460, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFD4
RGB	255, 207, 212
RGB Percent	100%, 81%, 83%
CMY	0.0000, 0.1882, 0.1686
CMYK	0.00, 0.19, 0.17, 0.00
HSL	354°, 100%, 91%
HSV	354°, 19%, 100%
XYZ	75.4356, 70.6391, 71.9472
YIQ	221.9220, 27.0030, 11.7310

Conversions

Conversions Part 2

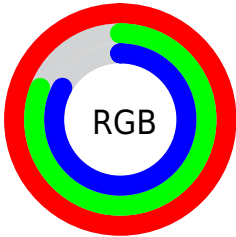
Format	Color
R _Y B	255, 207, 212
Decimal	16764884
CIE Lab	87.31, 17.63, 3.92
CIE LCh	87, 18.062, 12.534
Yxy	70.6391, 0.3460, 0.3240
Android (android.graphics.Color)	4294954964 (0xFFFFCFD4)
YUV	221.9220, -4.8915, 29.0094
Hunter-Lab	84.0471, 13.1285, 8.0786

Details

The Yxy color **70.6391, 0.3460, 0.3240** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.6867, 0.2870, 0.3341**, and the grayscale version is **73.0118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2226, 0.3547, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **58.1950, 0.3701, 0.3212**, and if you desaturate by 10%, it is **85.2480, 0.3266, 0.3267**.

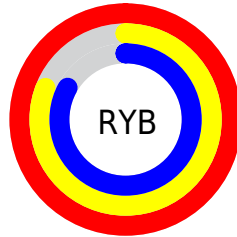
Distribution



Red (100%)

Green (81%)

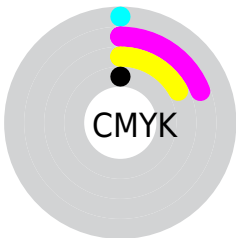
Blue (83%)



Red (100%)

Yellow (81%)

Blue (83%)

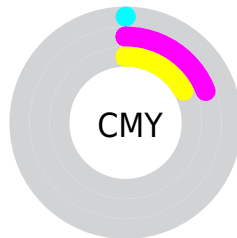


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.6391, 0.3460, 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 70.6391, 0.3460, 0.3240 by changing the saturation by 10% instead.


 70.6391, 0.3460,
0.3240

 70.6391, 0.3460,
0.3240


462.7908, 0.3304,
0.3265

 52.0477, 0.3496,
0.3234


120.1197, 0.3406,
0.3249

 37.0431, 0.3541,
0.3226


151.7777, 0.3385,
0.3252

 25.2409, 0.3598,
0.3216


188.5601, 0.3367,
0.3255

 16.2566, 0.3673,
0.3203

230.8512, 0.3351,
0.3258

 9.7059, 0.3776,
0.3183

279.0354, 0.3337,
0.3260

 5.2044, 0.3928,
0.3152

333.4972, 0.3325,

 2.3677, 0.4170,

0.3262

0.3100

394.6208, 0.3314,
0.3263

0.8092, 0.4693,
0.3032

0.0000, 1.0000,
0.0000

70.6391, 0.3460,
0.3240

70.6391, 0.3460,
0.3240

58.1950, 0.3701,
0.3212

85.2480, 0.3266,
0.3267

47.8037, 0.3999,
0.3184

99.9994, 0.3127,
0.3290

39.3576, 0.4358,
0.3160

32.7356, 0.4775,
0.3144

■ 27.8027, 0.5228,
0.3142

■ 24.4057, 0.5671,
0.3158

■ 22.3630, 0.6041,
0.3195

■ 21.4147, 0.6284,
0.3243

■ 21.3365, 0.6305,
0.3247

Harmonies

Analogous

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



70.6391, 0.3271, 0.3071



70.6391, 0.3460, 0.3240



70.6391, 0.3558, 0.3427

Triad

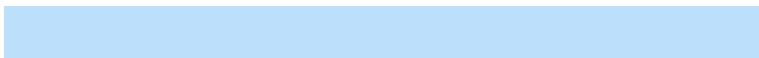
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.6391, 0.3460, 0.3240



70.6391, 0.3195, 0.3654



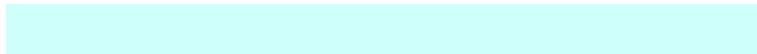
70.6391, 0.2733, 0.2983

Complementary

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



70.6391, 0.3460, 0.3240



91.6867, 0.2870, 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.



70.6391, 0.2715, 0.3129



70.6391, 0.3460, 0.3240



70.6391, 0.2976, 0.3525

Square

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



70.6391, 0.3460, 0.3240



70.6391, 0.3400, 0.3674



70.6391, 0.2803, 0.3329



70.6391, 0.2852, 0.2923

Rectangle

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



70.6391, 0.3460, 0.3240



70.6391, 0.3556, 0.3539



70.6391, 0.2803, 0.3329



70.6391, 0.2715, 0.3023

Sweetspot

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



70.6423, 0.3460, 0.3240



89.7721, 0.3219, 0.3275



72.0620, 0.3109, 0.2815



18.9873, 0.3229, 0.3273



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

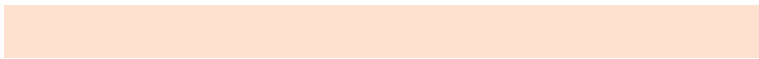
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6423, 0.3460, 0.3240



65.1838, 0.3555, 0.3228



79.8336, 0.3464, 0.3477



18.0178, 0.3278, 0.3266



11.1590, 0.6282, 0.3234



1.0962, 0.6063, 0.3114

Inverse Universe

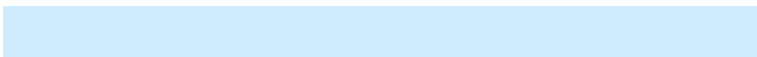
The Inverse Universe completely reimagines the original color for something new.



70.6423, 0.3460, 0.3240



65.1838, 0.3555, 0.3228



80.8238, 0.2833, 0.3096



18.0178, 0.3278, 0.3266



11.1590, 0.6282, 0.3234



1.0962, 0.6063, 0.3114

Previews

White Background



This preview shows how the Yxy color 70.6391, 0.3460, 0.3240 looks on a white background.

Color Contrast Check

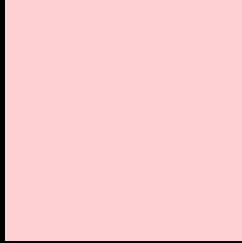
Large Text (above 18pt) WCAG AA × Fail

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 70.6391, 0.3460, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

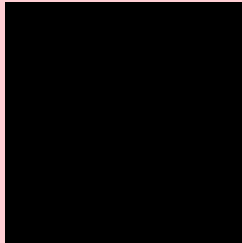
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.6391, 0.3460, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 70.6391, 0.3460, 0.3240.

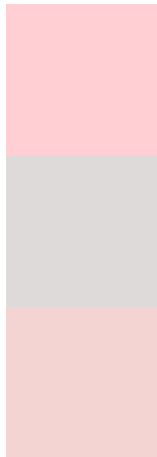


This preview shows how white text looks on a background with the Yxy color 70.6391, 0.3460, 0.3240.

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

70.6391, 0.3460, 0.3240

Protanopia

70.8927, 0.3163, 0.3290

Deuteranopia

70.8448, 0.3367, 0.3301



Tritanopia

70.6231, 0.3394, 0.3139

Trichromacy



Original Color

70.6391, 0.3460, 0.3240

Protanomaly

70.7132, 0.3269, 0.3269

Deuteranomaly

70.5705, 0.3401, 0.3280

Tritanomaly

70.4646, 0.3416, 0.3169

Monochromacy



Original Color

70.6391, 0.3460, 0.3240

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.1801, 0.3244, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6391, 0.3460, 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, 207, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 212)  
}
```

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, 207, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 212) }
```

Border

The CSS property to change the border of an element to Yxy 70.6391, 0.3460, 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, 207, 212) }
```

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

```
.border{ border-color:rgb(255, 207, 212) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6391, 0.3460, 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, 207, 212) }
```

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

```
.background{ background-color: rgb(255,  
207, 212) }
```

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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