

Converting Colors

$Y_{xy}(84.5323, 0.3933, 0.3332)$

Have a look what the booklet for
Yxy(84.5323, 0.3933, 0.3332)
contains.

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Color

Yxy(71.8094, 0.3500, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2CE
RGB	255, 210, 206
RGB Percent	100%, 82%, 81%
CMY	0.0000, 0.1765, 0.1922
CMYK	0.00, 0.18, 0.19, 0.00
HSL	5°, 100%, 90%
HSV	5°, 19%, 100%
XYZ	75.4300, 71.8094, 68.2750
YIQ	222.9990, 28.1040, 8.2960

Conversions

Conversions Part 2

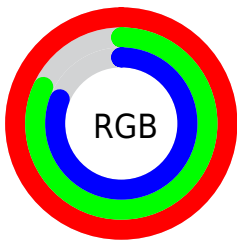
Format	Color
R _Y B	255, 210, 206
Decimal	16765646
CIE Lab	87.88, 15.17, 7.91
CIE LCh	88, 17.114, 27.542
Yxy	71.8094, 0.3500, 0.3332
Android (android.graphics.Color)	4294955726 (0xFFFFD2CE)
YUV	222.9990, -8.3805, 28.0649
Hunter-Lab	84.7404, 10.5926, 11.5486

Details

The Yxy color **71.8094, 0.3500, 0.3332** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.3330, 0.2836, 0.3248**, and the grayscale version is **73.8365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7155, 0.3592, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **59.9408, 0.3763, 0.3356**, and if you desaturate by 10%, it is **85.5725, 0.3287, 0.3309**.

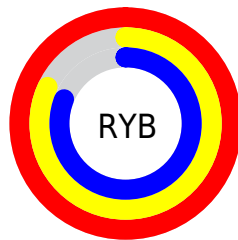
Distribution



Red (100%)

Green (82%)

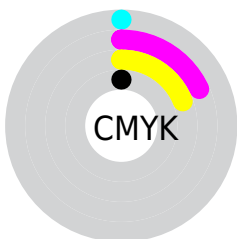
Blue (81%)



Red (100%)

Yellow (82%)

Blue (81%)

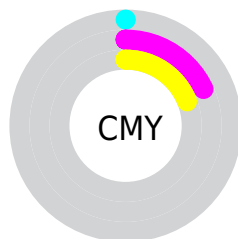


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8094, 0.3500, 0.3332 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 71.8094, 0.3500, 0.3332 by changing the saturation by 10% instead.


 71.8094, 0.3500,
0.3332

 71.8094, 0.3500,
0.3332


466.8779, 0.3326,
0.3315

 53.0030, 0.3540,
0.3335


121.7855, 0.3439,
0.3327

 37.8052, 0.3590,
0.3339


153.7240, 0.3416,
0.3324

 25.8315, 0.3654,
0.3343


190.8086, 0.3395,
0.3322

 16.6976, 0.3738,
0.3348

233.4238, 0.3378,
0.3321

 10.0191, 0.3853,
0.3353

281.9540, 0.3362,
0.3319

 5.4117, 0.4021,
0.3356

336.7834, 0.3349,

 2.4908, 0.4288,

0.3318

0.3353

398.2966, 0.3337,
0.3316

0.8720, 0.4968,
0.3460

0.0000, 1.0000,
0.0000

71.8094, 0.3500,
0.3332

71.8094, 0.3500,
0.3332

59.9408, 0.3763,
0.3356

85.5725, 0.3287,
0.3309

49.8811, 0.4084,
0.3379

100.0000, 0.3127,
0.3290

41.5424, 0.4466,
0.3399

34.8281, 0.4903,
0.3413

■ 29.6321, 0.5365,
0.3416

■ 25.8357, 0.5802,
0.3403

■ 23.3024, 0.6143,
0.3374

■ 21.8642, 0.6343,
0.3338

■ 21.7904, 0.6355,
0.3336

Harmonies

Analogous

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



71.8094, 0.3360, 0.3159



71.8094, 0.3500, 0.3332



71.8094, 0.3537, 0.3501

Triad

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



71.8094, 0.3500, 0.3332



71.8094, 0.3086, 0.3583



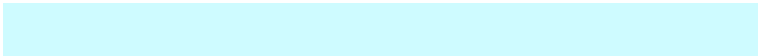
71.8094, 0.2801, 0.2961

Complementary

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



71.8094, 0.3500, 0.3332



89.3330, 0.2836, 0.3248

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.



71.8094, 0.2734, 0.3061



71.8094, 0.3500, 0.3332



71.8094, 0.2895, 0.3423

Square

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



71.8094, 0.3500, 0.3332



71.8094, 0.3293, 0.3655



71.8094, 0.2768, 0.3229



71.8094, 0.2954, 0.2949

Rectangle

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



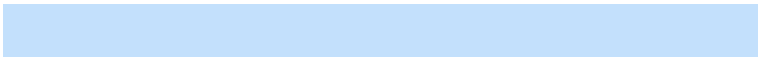
71.8094, 0.3500, 0.3332



71.8094, 0.3497, 0.3590



71.8094, 0.2768, 0.3229



71.8094, 0.2768, 0.2985

Sweetspot

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



71.8103, 0.3500, 0.3332



90.4146, 0.3228, 0.3302



72.4128, 0.3172, 0.2841



19.1384, 0.3239, 0.3304



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.



71.8103, 0.3500, 0.3332



67.1014, 0.3593, 0.3341



84.4284, 0.3455, 0.3569



18.2254, 0.3292, 0.3310



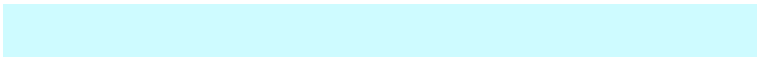
11.4685, 0.6341, 0.3347



1.1947, 0.6216, 0.3447

Inverse Universe

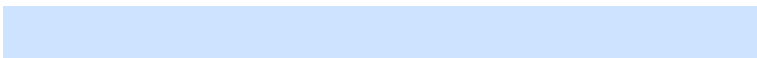
The Inverse Universe completely reimagines the original color for something new.



89.3330, 0.2836, 0.3248



87.5028, 0.2782, 0.3239



75.4066, 0.2820, 0.2994



20.2124, 0.2980, 0.3270



34.6749, 0.2176, 0.3032



3.4482, 0.2184, 0.3063

Previews

White Background



This preview shows how the Yxy color 71.8094, 0.3500, 0.3332 looks on a white background.

Color Contrast Check

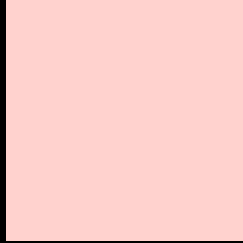
Large Text (above 18pt) WCAG AA × Fail

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 71.8094, 0.3500, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

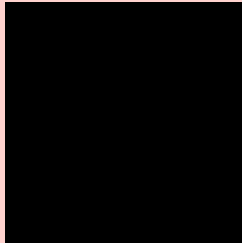
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

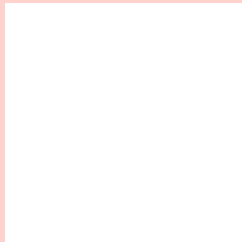
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8094, 0.3500, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 71.8094, 0.3500, 0.3332.



This preview shows how white text looks on a background with the Yxy color 71.8094, 0.3500, 0.3332.

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

71.8094, 0.3500, 0.3332

Protanopia

72.2204, 0.3238, 0.3388

Deuteranopia

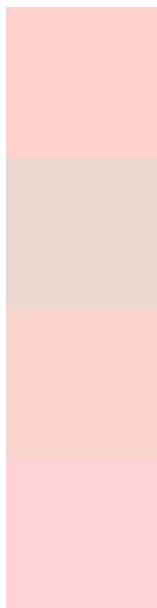
71.9527, 0.3448, 0.3374



Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.8094, 0.3500, 0.3332

Protanomaly

71.7197, 0.3331, 0.3365

Deuteranomaly

72.0040, 0.3473, 0.3363

Tritanomaly

71.8707, 0.3419, 0.3210

Monochromacy



Original Color

71.8094, 0.3500, 0.3332

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.8147, 0.3258, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8094, 0.3500, 0.3332 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, 210, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 206)  
}
```

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, 210, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 206) }
```

Border

The CSS property to change the border of an element to Yxy 71.8094, 0.3500, 0.3332 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, 210, 206) }
```

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

```
.border{ border-color:rgb(255, 210, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 210, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8094, 0.3500, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 206) }
```

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

```
.background{ background-color: rgb(255,  
210, 206) }
```

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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