

Converting Colors

$Yxy(70.3991, 0.3398, 0.3149)$

Have a look what the booklet for
Yxy(70.3991, 0.3398, 0.3149)
contains.

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Color

Yxy(70.3808, 0.3394, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	FECEDC
RGB	254, 206, 220
RGB Percent	100%, 81%, 86%
CMY	0.0037, 0.1922, 0.1372
CMYK	0.00, 0.19, 0.13, 0.00
HSL	342°, 96%, 90%
HSV	342°, 19%, 100%
XYZ	75.8807, 70.3808, 77.3116
YIQ	221.9480, 24.1140, 14.5300

Conversions

Conversions Part 2

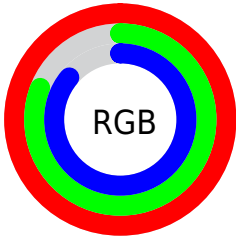
Format	Color
RYB	254, 206, 220
Decimal	16699100
CIELab	87.18, 19.08, -0.52
CIELCh	87, 19.091, 358.428
Yxy	70.3808, 0.3394, 0.3148
Android (android.graphics.Color)	4294889180 (0xFFFECEDC)
YUV	221.9480, -0.9604, 28.1096
Hunter-Lab	83.8933, 14.6384, 4.0868

Details

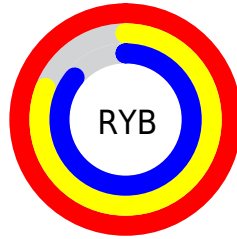
The Yxy color **70.3808, 0.3394, 0.3148** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.3320, 0.2916, 0.3437**, and the grayscale version is **73.0082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.0434, 0.3459, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **58.2233, 0.3583, 0.3068**, and if you desaturate by 10%, it is **84.6241, 0.3240, 0.3225**.

Distribution



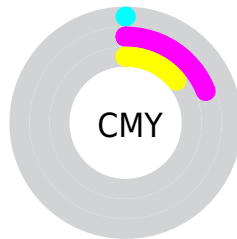
- Red (100%)
- Green (81%)
- Blue (86%)



- Red (100%)
- Yellow (81%)
- Blue (86%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3808, 0.3394, 0.3148 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 70.3808, 0.3394, 0.3148 by changing the saturation by 10% instead.

 70.3808, 0.3394,
0.3148

 70.3808, 0.3394,
0.3148


461.8859, 0.3270,
0.3214

 51.8370, 0.3423,
0.3133


119.7516, 0.3351,
0.3171

 36.8752, 0.3458,
0.3114

151.3475, 0.3334,
0.3180

 25.1109, 0.3503,
0.3090


188.0629, 0.3320,
0.3188

 16.1597, 0.3562,
0.3059

230.2821, 0.3307,
0.3194

 9.6372, 0.3644,
0.3016

278.3897, 0.3296,
0.3200

 5.1591, 0.3762,
0.2954

332.7699, 0.3286,

 2.3409, 0.3951,

0.3205

0.2855

393.8072, 0.3278,
0.3210

0.7952, 0.4302,
0.2669

0.0000, 1.0000,
0.0000

70.3808, 0.3394,
0.3148

70.3808, 0.3394,
0.3148

58.2233, 0.3583,
0.3068

84.6241, 0.3240,
0.3225

48.0440, 0.3813,
0.2988

99.8219, 0.3121,
0.3290

39.7400, 0.4089,
0.2915

33.1955, 0.4409,
0.2857

■ 28.2813, 0.4767,
0.2825

■ 24.8505, 0.5142,
0.2832

■ 22.7295, 0.5500,
0.2885

■ 21.6650, 0.5808,
0.2979

■ 21.5791, 0.5838,
0.2990

Harmonies

Analogous

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



70.3808, 0.3168, 0.2993



70.3808, 0.3394, 0.3148



70.3808, 0.3550, 0.3342

Triad

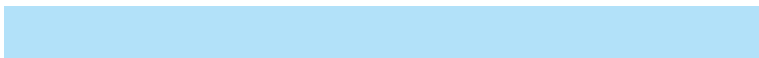
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3808, 0.3394, 0.3148



70.3808, 0.3306, 0.3701



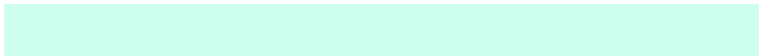
70.3808, 0.2688, 0.3027

Complementary

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



70.3808, 0.3394, 0.3148



90.3320, 0.2916, 0.3437

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.



70.3808, 0.2722, 0.3214



70.3808, 0.3394, 0.3148



70.3808, 0.3074, 0.3616

Square

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



70.3808, 0.3394, 0.3148



70.3808, 0.3496, 0.3665



70.3808, 0.2861, 0.3433



70.3808, 0.2765, 0.2919

Rectangle

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



70.3808, 0.3394, 0.3148



70.3808, 0.3589, 0.3471



70.3808, 0.2861, 0.3433



70.3808, 0.2686, 0.3082

Sweetspot

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



70.3840, 0.3394, 0.3148



89.9456, 0.3201, 0.3247



69.7545, 0.3045, 0.2803



19.0282, 0.3209, 0.3242



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

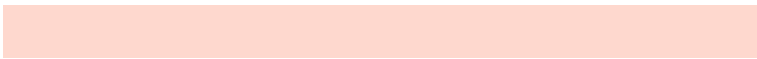
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.3840, 0.3394, 0.3148



65.7265, 0.3467, 0.3116



74.4424, 0.3482, 0.3389



18.0744, 0.3248, 0.3221



11.3930, 0.5796, 0.2967



1.1274, 0.5476, 0.2790

Inverse Universe

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



70.3840, 0.3394, 0.3148



65.7265, 0.3467, 0.3116



85.2469, 0.2836, 0.3189



18.0744, 0.3248, 0.3221



11.3930, 0.5796, 0.2967



1.1274, 0.5476, 0.2790

Previews

White Background



This preview shows how the Yxy color 70.3808, 0.3394, 0.3148 looks on a white background.

Color Contrast Check

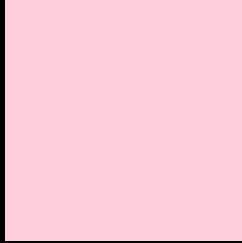
Large Text (above 18pt) WCAG AA × Fail

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 70.3808, 0.3394, 0.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

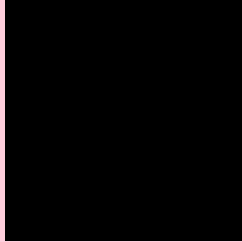
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.3808, 0.3394, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 70.3808, 0.3394, 0.3148.



This preview shows how white text looks on a background with the Yxy color 70.3808, 0.3394, 0.3148.

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

70.3808, 0.3394, 0.3148

Protanopia

70.3874, 0.3082, 0.3181

Deuteranopia

70.5522, 0.3279, 0.3217



Tritanopia

70.4874, 0.3379, 0.3128

Trichromacy



Original Color

70.3808, 0.3394, 0.3148

Protanomaly

70.1261, 0.3191, 0.3173

Deuteranomaly

70.4408, 0.3319, 0.3197

Tritanomaly

70.4339, 0.3386, 0.3138

Monochromacy



Original Color

70.3808, 0.3394, 0.3148

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.8246, 0.3224, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3808, 0.3394, 0.3148 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(254, 206, 220)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 220)  
}
```

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(254, 206, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 220) }
```

Border

The CSS property to change the border of an element to Yxy 70.3808, 0.3394, 0.3148 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(254, 206, 220) }
```

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

```
.border{ border-color:rgb(254, 206, 220) }
```

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

Here you see how a box with a 4 pixel rgb(254, 206, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 206, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 206, 220);  
box-shadow:4px 4px 4px 4px rgb(254, 206,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3808, 0.3394, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 206, 220) }
```

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

```
.background{ background-color: rgb(254,  
206, 220) }
```

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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