

Converting Colors

$Y_{xy}(73.1298, 0.3603, 0.3311)$

Have a look what the booklet for
Yxy(73.1298, 0.3603, 0.3311)
contains.

Yxy(70.8280, 0.3504, 0.3312)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.8280, 0.3504, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0CE
RGB	255, 208, 206
RGB Percent	100%, 82%, 81%
CMY	0.0000, 0.1843, 0.1923
CMYK	0.00, 0.18, 0.19, 0.00
HSL	3°, 100%, 90%
HSV	3°, 19%, 100%
XYZ	74.9340, 70.8280, 68.0907
YIQ	221.8250, 28.6540, 9.3420

Conversions

Conversions Part 2

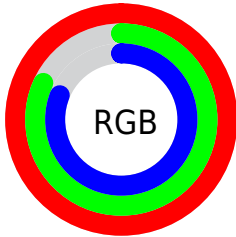
Format	Color
R _Y B	255, 208, 206
Decimal	16765134
CIE _{Lab}	87.40, 16.21, 7.25
CIE _{LCh}	87, 17.754, 24.096
Y _{xy}	70.8280, 0.3504, 0.3312
Android (android.graphics.Color)	4294955214 (0xFFFFD0CE)
Y _{UV}	221.8250, -7.8017, 29.0945
Hunter-Lab	84.1594, 11.6542, 10.9419

Details

The Yxy color **70.8280, 0.3504, 0.3312** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.5596, 0.2837, 0.3268**, and the grayscale version is **72.9577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3840, 0.3595, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **58.6773, 0.3772, 0.3324**, and if you desaturate by 10%, it is **85.0202, 0.3288, 0.3300**.

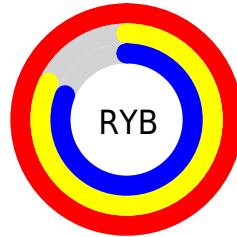
Distribution



Red (100%)

Green (82%)

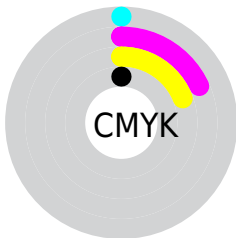
Blue (81%)



Red (100%)

Yellow (82%)

Blue (81%)

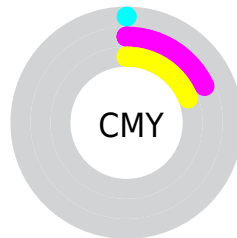


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.8280, 0.3504, 0.3312 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 70.8280, 0.3504, 0.3312 by changing the saturation by 10% instead.


 70.8280, 0.3504,
0.3312

 70.8280, 0.3504,
0.3312


463.4519, 0.3327,
0.3304

 52.2018, 0.3545,
0.3313


120.3888, 0.3442,
0.3310

 37.1660, 0.3596,
0.3314


152.0922, 0.3418,
0.3309

 25.3360, 0.3660,
0.3315


188.9235, 0.3398,
0.3308

 16.3276, 0.3746,
0.3316

231.2671, 0.3380,
0.3307

 9.7563, 0.3864,
0.3314

279.5073, 0.3364,
0.3306

 5.2377, 0.4036,
0.3310

334.0286, 0.3351,

 2.3874, 0.4311,

0.3306

0.3294

395.2153, 0.3338,
0.3305

0.8194, 0.5032,
0.3379

0.0000, 1.0000,
0.0000

70.8280, 0.3504,
0.3312

70.8280, 0.3504,
0.3312

58.6773, 0.3772,
0.3324

85.0202, 0.3288,
0.3300

48.4678, 0.4101,
0.3337

100.0000, 0.3127,
0.3290

40.1008, 0.4496,
0.3348

33.4668, 0.4946,
0.3355

■ 28.4440, 0.5421,
0.3356

■ 24.8955, 0.5861,
0.3349

■ 22.6612, 0.6193,
0.3333

■ 21.5398, 0.6371,
0.3316

■ 21.4909, 0.6381,
0.3316

Harmonies

Analogous

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



70.8280, 0.3347, 0.3134



70.8280, 0.3504, 0.3312



70.8280, 0.3556, 0.3491

Triad

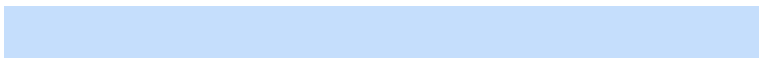
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.8280, 0.3504, 0.3312



70.8280, 0.3109, 0.3610



70.8280, 0.2774, 0.2955

Complementary

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



70.8280, 0.3504, 0.3312



90.5596, 0.2837, 0.3268

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.



70.8280, 0.2716, 0.3068



70.8280, 0.3504, 0.3312



70.8280, 0.2906, 0.3451

Square

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



70.8280, 0.3504, 0.3312



70.8280, 0.3323, 0.3673



70.8280, 0.2764, 0.3249



70.8280, 0.2924, 0.2932

Rectangle

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



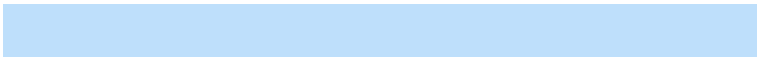
70.8280, 0.3504, 0.3312



70.8280, 0.3523, 0.3588



70.8280, 0.2764, 0.3249



70.8280, 0.2743, 0.2983

Sweetspot

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



70.8303, 0.3504, 0.3312



90.0527, 0.3228, 0.3297



72.5007, 0.3161, 0.2826



19.0533, 0.3240, 0.3297



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

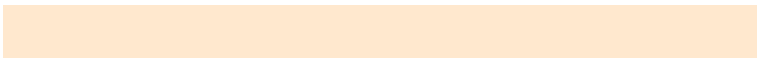
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8303, 0.3504, 0.3312



66.0139, 0.3598, 0.3317



83.4935, 0.3459, 0.3553



18.1083, 0.3294, 0.3300



11.2819, 0.6372, 0.3323



1.1393, 0.6304, 0.3377

Inverse Universe

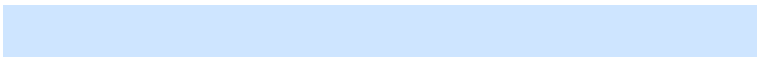
The Inverse Universe completely reimagines the original color for something new.



90.5596, 0.2837, 0.3268



88.9729, 0.2784, 0.3263



76.2911, 0.2821, 0.3012



20.3439, 0.2980, 0.3280



37.7546, 0.2211, 0.3159



3.7147, 0.2215, 0.3175

Previews

White Background



This preview shows how the Yxy color 70.8280, 0.3504, 0.3312 looks on a white background.

Color Contrast Check

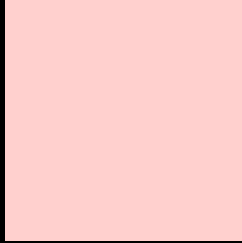
Large Text (above 18pt) WCAG AA × Fail

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 70.8280, 0.3504, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

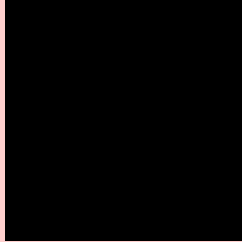
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.8280, 0.3504, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 70.8280, 0.3504, 0.3312.

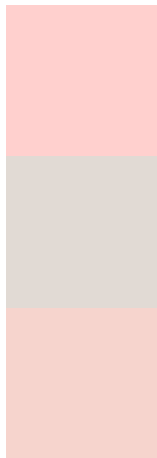


This preview shows how white text looks on a background with the Yxy color 70.8280, 0.3504, 0.3312.

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

70.8280, 0.3504, 0.3312

Protanopia

70.9038, 0.3218, 0.3356

Deuteranopia

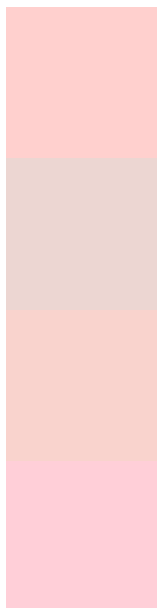
71.0876, 0.3434, 0.3364



Tritanopia

70.6231, 0.3394, 0.3139

Trichromacy



Original Color

70.8280, 0.3504, 0.3312

Protanomaly

70.5791, 0.3319, 0.3333

Deuteranomaly

71.1360, 0.3459, 0.3353

Tritanomaly

70.8435, 0.3430, 0.3199

Monochromacy



Original Color

70.8280, 0.3504, 0.3312

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.0760, 0.3258, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8280, 0.3504, 0.3312 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 206) }
```

Border

The CSS property to change the border of an element to Yxy 70.8280, 0.3504, 0.3312 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, 206) }
```

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

```
.border{ border-color:rgb(255, 208, 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, 208, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8280, 0.3504, 0.3312 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
208, 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](#).

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