

Converting Colors

$Y_{xy}(100.0000, 0.4224, 0.3364)$

Have a look what the booklet for
Yxy(100.0000, 0.4224, 0.3364)
contains.

Yxy(74.8767, 0.3481, 0.3383)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.8767, 0.3481, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8CF
RGB	255, 216, 207
RGB Percent	100%, 85%, 81%
CMY	0.0001, 0.1529, 0.1883
CMYK	0.00, 0.15, 0.19, 0.00
HSL	11°, 100%, 91%
HSV	11°, 19%, 100%
XYZ	77.0458, 74.8767, 69.4098
YIQ	226.6350, 26.1330, 5.4690

Conversions

Conversions Part 2

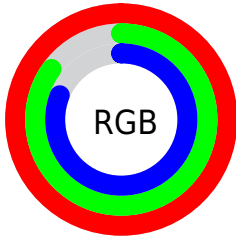
Format	Color
R_{YB}	255, 218, 207
Decimal	16767183
CIE _{Lab}	89.34, 12.17, 9.48
CIE _{LCh}	89, 15.430, 37.931
Yxy	74.8767, 0.3481, 0.3383
Android (android.graphics.Color)	4294957263 (0xFFFFD8CF)
YUV	226.6350, -9.6801, 24.8761
Hunter-Lab	86.5313, 7.5030, 13.0133

Details

The Yxy color $74.8767, 0.3481, 0.3383$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.3431, 0.2838, 0.3195$, and the grayscale version is $76.5933, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.7954, 0.3565, 0.3396$ is the 20% darker color. If you saturate the color by 10%, you get $63.7876, 0.3728, 0.3436$, and if you desaturate by 10%, it is $87.5090, 0.3277, 0.3332$.

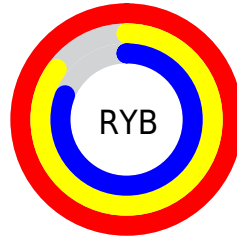
Distribution



Red (100%)

Green (85%)

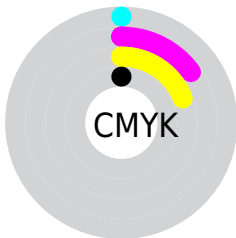
Blue (81%)



Red (100%)

Yellow (85%)

Blue (81%)

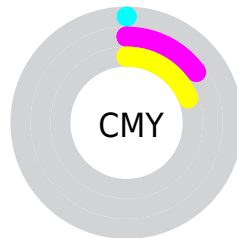


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8767, 0.3481, 0.3383 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 74.8767, 0.3481, 0.3383 by changing the saturation by 10% instead.


 74.8767, 0.3481,
0.3383

 74.8767, 0.3481,
0.3383


477.4937, 0.3317,
0.3343

 55.5119, 0.3519,
0.3392


126.1378, 0.3424,
0.3369

 39.8117, 0.3565,
0.3402


158.8029, 0.3402,
0.3364

 27.3918, 0.3624,
0.3415


196.6702, 0.3383,
0.3359

 17.8677, 0.3701,
0.3430

240.1241, 0.3366,
0.3355

 10.8550, 0.3807,
0.3450

289.5490, 0.3352,
0.3352

 5.9694, 0.3959,
0.3475

345.3293, 0.3339,

 2.8265, 0.4197,

0.3348

0.3506

407.8494, 0.3327,
0.3345

■ 1.0418, 0.4748,
0.3638

■ 0.0000, 1.0000,
0.0000

■ 74.8767, 0.3481,
0.3383

■ 74.8767, 0.3481,
0.3383

■ 63.7876, 0.3728,
0.3436

■ 87.5090, 0.3277,
0.3332

■ 54.1725, 0.4024,
0.3489

99.9928, 0.3127,
0.3290

■ 45.9717, 0.4373,
0.3537

■ 39.1180, 0.4768,
0.3573

■ 33.5380, 0.5191,
0.3588

■ 29.1515, 0.5604,
0.3574

■ 25.8687, 0.5955,
0.3525

■ 23.5828, 0.6200,
0.3448

■ 23.3706, 0.6224,
0.3440

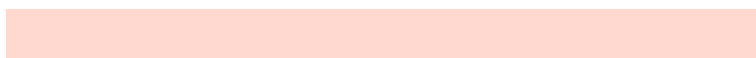
Harmonies

Analogous

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



74.8767, 0.3385, 0.3225



74.8767, 0.3481, 0.3383



74.8767, 0.3478, 0.3523

Triad

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



74.8767, 0.3481, 0.3383



74.8767, 0.3028, 0.3507



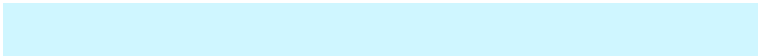
74.8767, 0.2876, 0.2984

Complementary

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



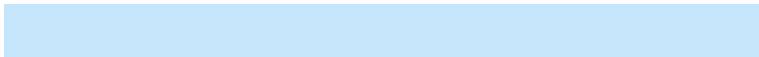
74.8767, 0.3481, 0.3383



86.3431, 0.2838, 0.3195

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.



74.8767, 0.2787, 0.3048



74.8767, 0.3481, 0.3383



74.8767, 0.2873, 0.3350

Square

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



74.8767, 0.3481, 0.3383



74.8767, 0.3213, 0.3602



74.8767, 0.2786, 0.3180



74.8767, 0.3033, 0.2999

Rectangle

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



74.8767, 0.3481, 0.3383



74.8767, 0.3421, 0.3586



74.8767, 0.2786, 0.3180



74.8767, 0.2838, 0.2996

Sweetspot

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



74.8801, 0.3481, 0.3383



91.3855, 0.3226, 0.3318



72.5330, 0.3210, 0.2903



19.3671, 0.3238, 0.3321



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.



74.8801, 0.3481, 0.3383



70.0824, 0.3579, 0.3405



87.9405, 0.3438, 0.3617



18.5408, 0.3290, 0.3335



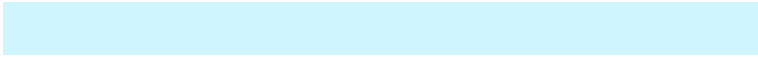
12.3730, 0.6200, 0.3459



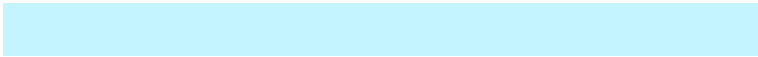
1.3449, 0.5999, 0.3618

Inverse Universe

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



86.3431, 0.2838, 0.3195



83.6726, 0.2776, 0.3172



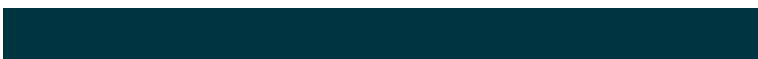
72.8155, 0.2824, 0.2940



19.8652, 0.2980, 0.3244



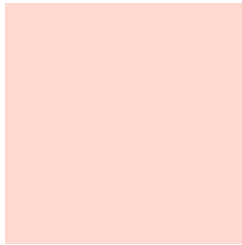
27.2851, 0.2076, 0.2674



2.7999, 0.2098, 0.2752

Previews

White Background



This preview shows how the Yxy color 74.8767, 0.3481, 0.3383 looks on a white background.

Color Contrast Check

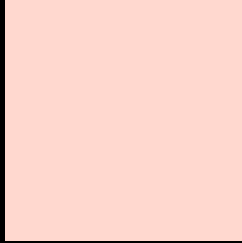
Large Text (above 18pt) WCAG AA × Fail

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 74.8767, 0.3481, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

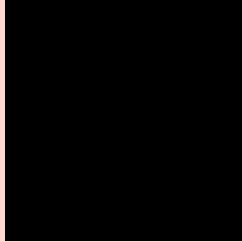
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8767, 0.3481, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 74.8767, 0.3481, 0.3383.

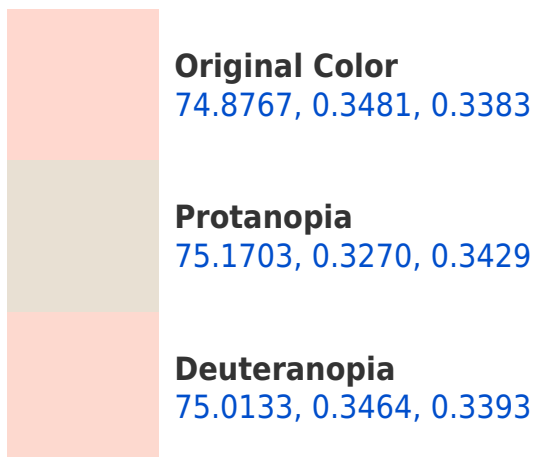


This preview shows how white text looks on a background with the Yxy color 74.8767, 0.3481, 0.3383.

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

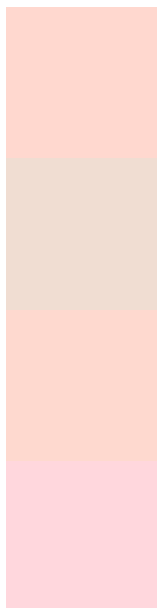




Tritanopia

75.0103, 0.3325, 0.3140

Trichromacy



Original Color

74.8767, 0.3481, 0.3383

Protanomaly

74.8913, 0.3339, 0.3406

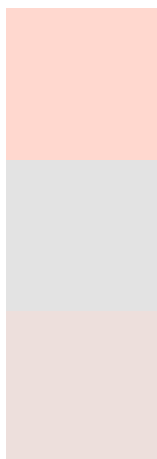
Deuteranomaly

75.2015, 0.3472, 0.3393

Tritanomaly

75.0813, 0.3381, 0.3230

Monochromacy



Original Color

74.8767, 0.3481, 0.3383

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9472, 0.3247, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8767, 0.3481, 0.3383 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, 216, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 207)  
}
```

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, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 207) }
```

Border

The CSS property to change the border of an element to Yxy 74.8767, 0.3481, 0.3383 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, 216, 207) }
```

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

```
.border{ border-color:rgb(255, 216, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8767, 0.3481, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 207) }
```

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

```
.background{ background-color: rgb(255,  
216, 207) }
```

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