

Converting Colors

$Y_{xy}(76.3681, 0.3445, 0.3420)$

Have a look what the booklet for
Yxy(76.3681, 0.3445, 0.3420)
contains.

| | |
|--|----|
| Yxy(76.3868, 0.3451, 0.3424) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(76.3868, 0.3451, 0.3424)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FCDCCF |
| RGB | 252, 220, 207 |
| RGB Percent | 99%, 86%, 81% |
| CMY | 0.0119, 0.1372, 0.1882 |
| CMYK | 0.00, 0.13, 0.18, 0.01 |
| HSL | 17°, 88%, 90% |
| HSV | 17°, 18%, 99% |
| XYZ | 76.9891, 76.3868, 69.7163 |
| YIQ | 228.0860, 23.2450, 2.7410 |

Conversions

Conversions Part 2

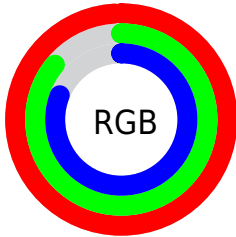
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 252, 225, 207 |
| Decimal | 16571599 |
| CIE Lab | 90.04, 9.02, 10.44 |
| CIE LCh | 90, 13.803, 49.174 |
| Yxy | 76.3868, 0.3451, 0.3424 |
| Android (android.graphics.Color) | 4294761679 (0xFFFFCDCCF) |
| YUV | 228.0860, -10.3954, 20.9726 |
| Hunter-Lab | 87.3995, 4.2892, 13.8856 |

Details

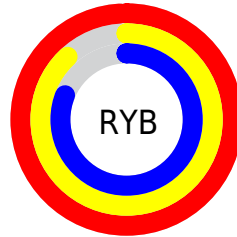
The Yxy color **76.3868, 0.3451, 0.3424** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.9873, 0.2850, 0.3152**, and the grayscale version is **77.7131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8123, 0.3525, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **66.3557, 0.3681, 0.3505**, and if you desaturate by 10%, it is **87.6273, 0.3257, 0.3347**.

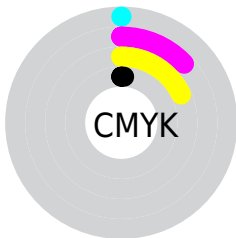
Distribution



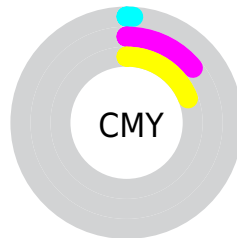
- Red (99%)
- Green (86%)
- Blue (81%)



- Red (99%)
- Yellow (88%)
- Blue (81%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (1%)





- Cyan (1%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3868, 0.3451, 0.3424 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 76.3868, 0.3451, 0.3424 by changing the saturation by 10% instead.


 76.3868, 0.3451,
0.3424

 76.3868, 0.3451,
0.3424


482.6708, 0.3301,
0.3364

 56.7497, 0.3485,
0.3437


128.2735, 0.3399,
0.3404

 40.8043, 0.3527,
0.3453


161.2920, 0.3379,
0.3396

 28.1662, 0.3580,
0.3472


199.5397, 0.3362,
0.3389

 18.4510, 0.3650,
0.3497

243.4010, 0.3346,
0.3383

 11.2743, 0.3745,
0.3529

293.2604, 0.3333,
0.3377

 6.2516, 0.3880,
0.3572

349.5022, 0.3321,

 2.9987, 0.4090,

0.3373

0.3633

412.5109, 0.3311,
0.3368

■ 1.1310, 0.4570,
0.3813

■ 0.0043, 0.9813,
0.0187

■ 76.3868, 0.3451,
0.3424

■ 76.3868, 0.3451,
0.3424

■ 66.3557, 0.3681,
0.3505

■ 87.6273, 0.3257,
0.3347

■ 57.4830, 0.3952,
0.3585

■ 99.4278, 0.3108,
0.3290

■ 49.7288, 0.4266,
0.3661

■ 43.0471, 0.4618,
0.3723

■ 37.3886, 0.4995,
0.3760

■ 32.6996, 0.5370,
0.3760

■ 28.9211, 0.5707,
0.3714

■ 25.9843, 0.5969,
0.3624

■ 25.4496, 0.6019,
0.3603

Harmonies

Analogous

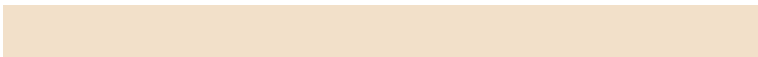
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3868, 0.3397, 0.3285



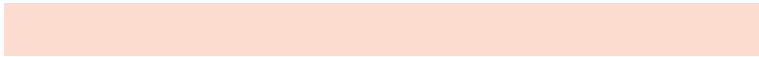
76.3868, 0.3451, 0.3424



76.3868, 0.3415, 0.3532

Triad

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



76.3868, 0.3451, 0.3424



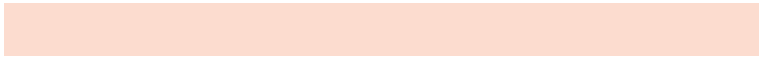
76.3868, 0.2983, 0.3435



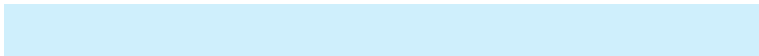
76.3868, 0.2951, 0.3014

Complementary

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



76.3868, 0.3451, 0.3424



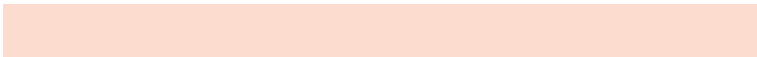
81.9873, 0.2850, 0.3152

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.



76.3868, 0.2845, 0.3045



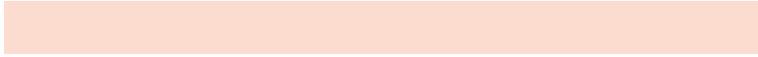
76.3868, 0.3451, 0.3424



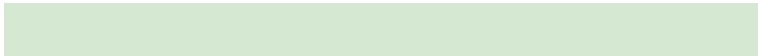
76.3868, 0.2863, 0.3286

Square

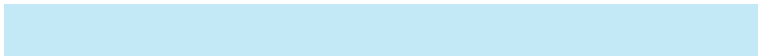
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3868, 0.3451, 0.3424



76.3868, 0.3142, 0.3543



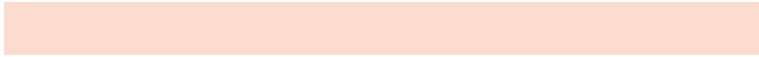
76.3868, 0.2814, 0.3143



76.3868, 0.3105, 0.3053

Rectangle

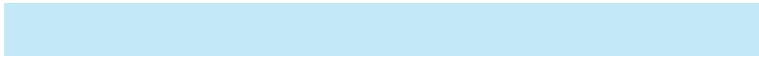
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3868, 0.3451, 0.3424



76.3868, 0.3346, 0.3572



76.3868, 0.2814, 0.3143



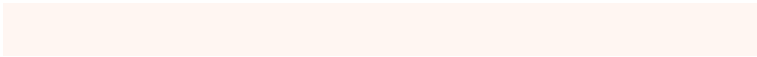
76.3868, 0.2909, 0.3016

Sweetspot

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



76.3902, 0.3451, 0.3424



93.5626, 0.3208, 0.3326



71.5582, 0.3237, 0.2967



19.8381, 0.3220, 0.3331



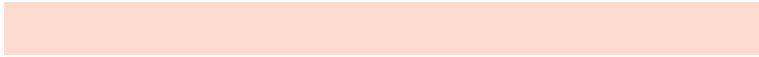
0.0000, 0.0000, 0.0000



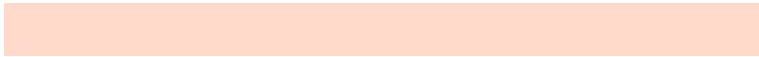
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3902, 0.3451, 0.3424



75.1032, 0.3520, 0.3449



88.8268, 0.3413, 0.3643



18.0441, 0.3287, 0.3359



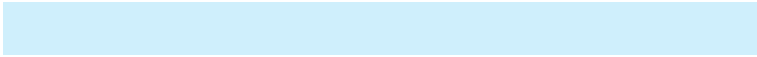
13.4800, 0.5989, 0.3627



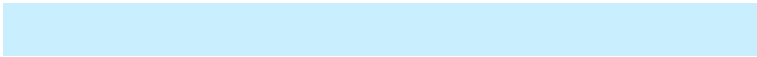
1.4222, 0.5757, 0.3811

Inverse Universe

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



81.9873, 0.2850, 0.3152



81.7204, 0.2802, 0.3125



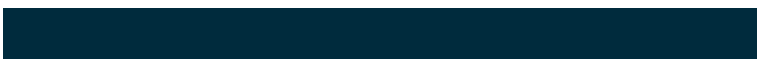
69.7831, 0.2838, 0.2910



18.7094, 0.2980, 0.3220



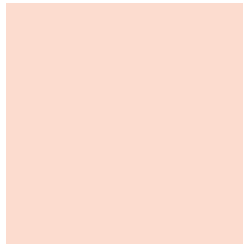
20.7242, 0.1977, 0.2317



2.1015, 0.2013, 0.2447

Previews

White Background



This preview shows how the Yxy color 76.3868, 0.3451, 0.3424 looks on a white background.

Color Contrast Check

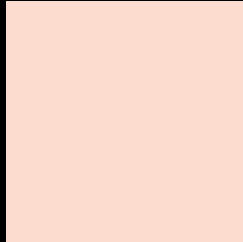
Large Text (above 18pt) WCAG AA × Fail

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 76.3868, 0.3451, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

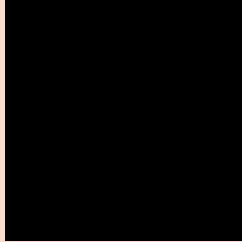
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.3868, 0.3451, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 76.3868, 0.3451, 0.3424.

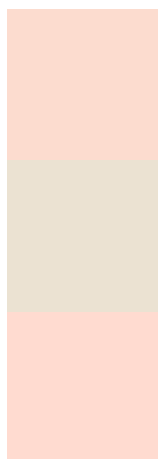


This preview shows how white text looks on a background with the Yxy color 76.3868, 0.3451, 0.3424.

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

76.3868, 0.3451, 0.3424

Protanopia

76.7080, 0.3296, 0.3460

Deuteranopia

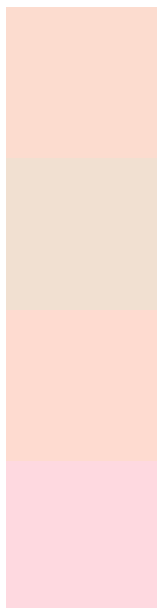
76.4771, 0.3468, 0.3403



Tritanopia

76.2549, 0.3295, 0.3121

Trichromacy



Original Color

76.3868, 0.3451, 0.3424

Protanomaly

76.6155, 0.3349, 0.3447

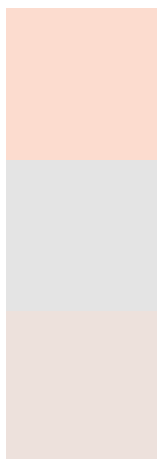
Deuteranomaly

76.2879, 0.3461, 0.3403

Tritanomaly

76.0784, 0.3350, 0.3220

Monochromacy



Original Color

76.3868, 0.3451, 0.3424

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.0223, 0.3245, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3868, 0.3451, 0.3424 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(252, 220, 207)` looks like.

```
.text, #text, p{  
    color:rgb(252, 220, 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(252, 220, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 220, 207) }
```

Border

The CSS property to change the border of an element to Yxy 76.3868, 0.3451, 0.3424 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(252, 220, 207) }
```

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

```
.border{ border-color:rgb(252, 220, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 220, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 220, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 220, 207);  
box-shadow:4px 4px 4px 4px rgb(252, 220,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3868, 0.3451, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 220, 207) }
```

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

```
.background{ background-color: rgb(252,  
220, 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