

Converting Colors

$Y_{xy}(74.1641, 0.3400, 0.3308)$

Have a look what the booklet for
Yxy(74.1641, 0.3400, 0.3308)
contains.

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Color

Yxy(74.4760, 0.3400, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	FBD8D6
RGB	251, 216, 214
RGB Percent	98%, 85%, 84%
CMY	0.0157, 0.1529, 0.1607
CMYK	0.00, 0.14, 0.15, 0.02
HSL	3°, 82%, 91%
HSV	3°, 15%, 98%
XYZ	76.4779, 74.4760, 73.9811
YIQ	226.2370, 21.5020, 6.7980

Conversions

Conversions Part 2

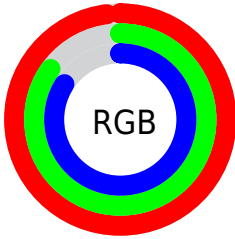
Format	Color
R _Y B	251, 216, 214
Decimal	16505046
CIE Lab	89.15, 11.83, 5.46
CIE LCh	89, 13.033, 24.775
Yxy	74.4760, 0.3400, 0.3311
Android (android.graphics.Color)	4294695126 (0xFFFFBD8D6)
YUV	226.2370, -6.0328, 21.7172
Hunter-Lab	86.2995, 7.1612, 9.5827

Details

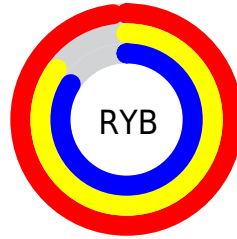
The Yxy color **74.4760, 0.3400, 0.3311** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.0265, 0.2902, 0.3269**, and the grayscale version is **76.2692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4623, 0.3468, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **61.9878, 0.3642, 0.3327**, and if you desaturate by 10%, it is **88.9282, 0.3205, 0.3296**.

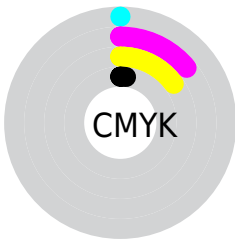
Distribution



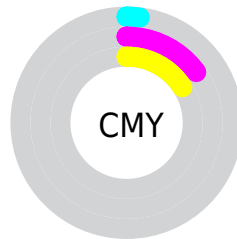
- Red (98%)
- Green (85%)
- Blue (84%)



- Red (98%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4760, 0.3400, 0.3311 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 74.4760, 0.3400, 0.3311 by changing the saturation by 10% instead.


 74.4760, 0.3400,
0.3311

 74.4760, 0.3400,
0.3311


476.1146, 0.3273,
0.3303

 55.1837, 0.3429,
0.3313


125.5703, 0.3356,
0.3308

 39.5488, 0.3465,
0.3314


158.1412, 0.3339,
0.3307

 27.1870, 0.3510,
0.3316


195.9070, 0.3324,
0.3306

 17.7137, 0.3570,
0.3319

239.2522, 0.3311,
0.3305

 10.7446, 0.3652,
0.3321

288.5612, 0.3300,
0.3305

 5.8954, 0.3770,
0.3322

344.2183, 0.3290,

 2.7816, 0.3955,

0.3304

406.6080, 0.3281,
0.3303

0.3321

1.0188, 0.4317,
0.3328

0.0000, 1.0000,
0.0000

74.4760, 0.3400,
0.3311

74.4760, 0.3400,
0.3311

61.9878, 0.3642,
0.3327

88.9282, 0.3205,
0.3296

51.3696, 0.3940,
0.3342

99.2480, 0.3102,
0.3290

42.5343, 0.4302,
0.3357

35.3841, 0.4725,
0.3369

■ 29.8119, 0.5190,
0.3374

■ 25.6981, 0.5652,
0.3370

■ 22.9064, 0.6043,
0.3355

■ 21.2743, 0.6297,
0.3331

■ 20.8068, 0.6374,
0.3321

Harmonies

Analogous

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



74.4760, 0.3289, 0.3180



74.4760, 0.3400, 0.3311



74.4760, 0.3435, 0.3440

Triad

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



74.4760, 0.3400, 0.3311



74.4760, 0.3112, 0.3516



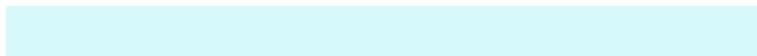
74.4760, 0.2873, 0.3046

Complementary

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



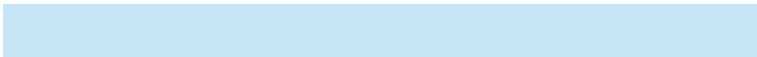
74.4760, 0.3400, 0.3311



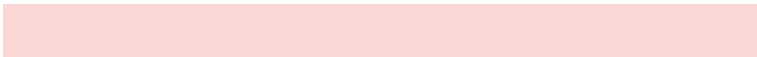
89.0265, 0.2902, 0.3269

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.



74.4760, 0.2828, 0.3129



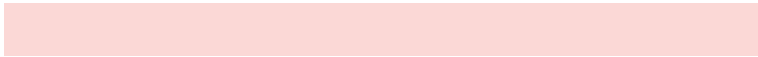
74.4760, 0.3400, 0.3311



74.4760, 0.2964, 0.3403

Square

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



74.4760, 0.3400, 0.3311



74.4760, 0.3267, 0.3564



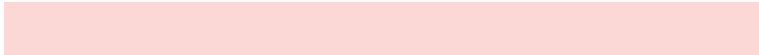
74.4760, 0.2861, 0.3259



74.4760, 0.2984, 0.3029

Rectangle

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



74.4760, 0.3400, 0.3311



74.4760, 0.3411, 0.3509



74.4760, 0.2861, 0.3259



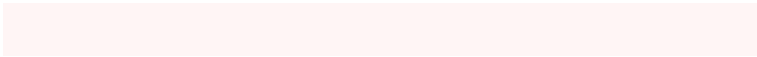
74.4760, 0.2849, 0.3067

Sweetspot

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



74.4793, 0.3400, 0.3311



93.3545, 0.3193, 0.3295



75.4644, 0.3157, 0.2943



19.7223, 0.3206, 0.3297



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

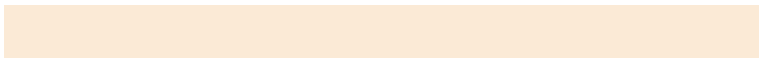
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4793, 0.3400, 0.3311



72.7332, 0.3474, 0.3316



84.4150, 0.3373, 0.3495



17.3740, 0.3293, 0.3303



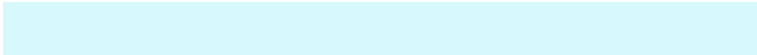
10.9996, 0.6363, 0.3330



1.0695, 0.6273, 0.3401

Inverse Universe

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



89.0265, 0.2902, 0.3269



90.7535, 0.2854, 0.3264



78.2284, 0.2895, 0.3076



19.4401, 0.2980, 0.3277



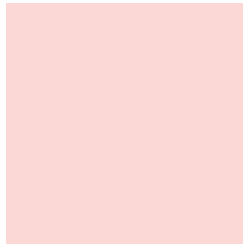
35.7440, 0.2201, 0.3122



3.3578, 0.2207, 0.3143

Previews

White Background



This preview shows how the Yxy color 74.4760, 0.3400, 0.3311 looks on a white background.

Color Contrast Check

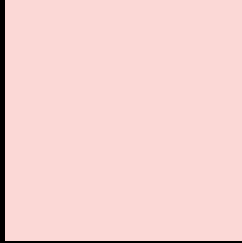
Large Text (above 18pt) WCAG AA × Fail

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 74.4760, 0.3400, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

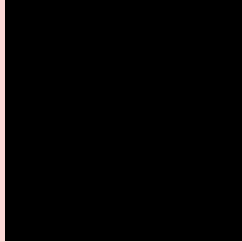
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.4760, 0.3400, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 74.4760, 0.3400, 0.3311.

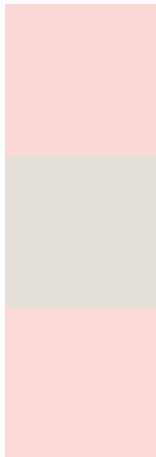


This preview shows how white text looks on a background with the Yxy color 74.4760, 0.3400, 0.3311.

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

74.4760, 0.3400, 0.3311

Protanopia

74.4953, 0.3203, 0.3344

Deuteranopia

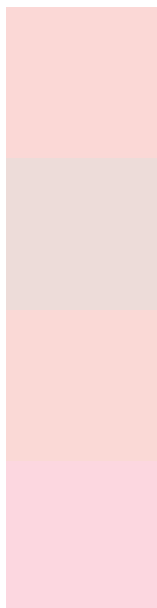
74.8047, 0.3391, 0.3322



Tritanopia

74.6890, 0.3303, 0.3130

Trichromacy



Original Color

74.4760, 0.3400, 0.3311

Protanomaly

74.2007, 0.3270, 0.3322

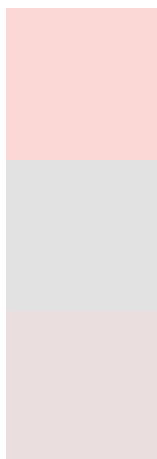
Deuteranomaly

74.8047, 0.3391, 0.3322

Tritanomaly

74.6781, 0.3338, 0.3199

Monochromacy



Original Color

74.4760, 0.3400, 0.3311

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.1786, 0.3220, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4760, 0.3400, 0.3311 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(251, 216, 214)` looks like.

```
.text, #text, p{  
    color:rgb(251, 216, 214)  
}
```

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(251, 216, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 216, 214) }
```

Border

The CSS property to change the border of an element to Yxy 74.4760, 0.3400, 0.3311 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(251, 216, 214) }
```

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

```
.border{ border-color:rgb(251, 216, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 216, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 216, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 216, 214);  
box-shadow:4px 4px 4px 4px rgb(251, 216,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4760, 0.3400, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 216, 214) }
```

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

```
.background{ background-color: rgb(251,  
216, 214) }
```

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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