

Converting Colors

$Y_{xy}(71.8099, 0.3593, 0.3475)$

Have a look what the booklet for
Yxy(71.8099, 0.3593, 0.3475)
contains.

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Color

Yxy(71.6988, 0.3596, 0.3476)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFD3C1 |
| RGB | 255, 211, 193 |
| RGB Percent | 100%, 83%, 76% |
| CMY | 0.0000, 0.1726, 0.2430 |
| CMYK | 0.00, 0.17, 0.24, 0.00 |
| HSL | 17°, 100%, 88% |
| HSV | 17°, 24%, 100% |
| XYZ | 74.1740, 71.6988, 60.3953 |
| YIQ | 222.1040, 32.0020, 3.7300 |

Conversions

Conversions Part 2

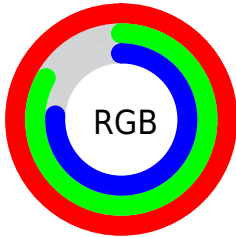
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 218, 193 |
| Decimal | 16765889 |
| CIE Lab | 87.82, 12.82, 14.68 |
| CIE LCh | 88, 19.489, 48.864 |
| Yxy | 71.6988, 0.3596, 0.3476 |
| Android (android.graphics.Color) | 4294955969 (0xFFFFD3C1) |
| YUV | 222.1040, -14.3483, 28.8498 |
| Hunter-Lab | 84.6751, 8.1815, 16.9835 |

Details

The Yxy color **71.6988, 0.3596, 0.3476** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.1505, 0.2751, 0.3096**, and the grayscale version is **73.2061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **37.6468, 0.3720, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **62.1556, 0.3852, 0.3557**, and if you desaturate by 10%, it is **82.4415, 0.3379, 0.3396**.

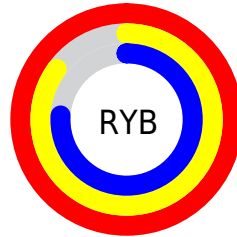
Distribution



Red (100%)

Green (83%)

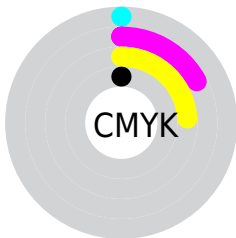
Blue (76%)



Red (100%)

Yellow (85%)

Blue (76%)

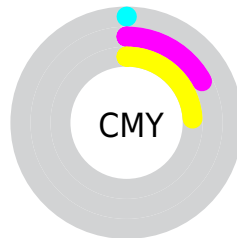


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6988, 0.3596, 0.3476 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 71.6988, 0.3596, 0.3476 by changing the saturation by 10% instead.


 71.6988, 0.3596,
0.3476

 71.6988, 0.3596,
0.3476

466.4926, 0.3377,
0.3394

 52.9127, 0.3647,
0.3494


 121.6282, 0.3519,
0.3448

 37.7331, 0.3709,
0.3515


153.5403, 0.3490,
0.3437

 25.7756, 0.3789,
0.3541


190.5964, 0.3464,
0.3428

 16.6558, 0.3894,
0.3574

233.1811, 0.3442,
0.3419

 9.9894, 0.4037,
0.3615

281.6786, 0.3423,
0.3412

 5.3919, 0.4244,
0.3667

336.4735, 0.3406,

 2.4790, 0.4567,

0.3405

0.3731

397.9500, 0.3390,
0.3399

0.8661, 0.5750,
0.4250

0.0000, 1.0000,
0.0000

71.6988, 0.3596,
0.3476

71.6988, 0.3596,
0.3476

62.1556, 0.3852,
0.3557

82.4415, 0.3379,
0.3396

53.7839, 0.4151,
0.3636

94.4405, 0.3196,
0.3321

46.5323, 0.4491,
0.3703

100.0000, 0.3127,
0.3290

40.3512, 0.4861,
0.3751

■ 35.1872, 0.5241,
0.3765

■ 30.9816, 0.5596,
0.3736

■ 27.6686, 0.5887,
0.3659

■ 26.1454, 0.6019,
0.3603

Harmonies

Analogous

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



71.6988, 0.3517, 0.3278



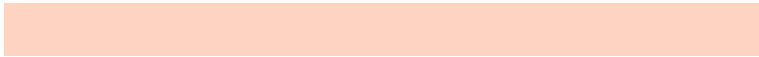
71.6988, 0.3596, 0.3476



71.6988, 0.3544, 0.3636

Triad

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



71.6988, 0.3596, 0.3476



71.6988, 0.2920, 0.3502



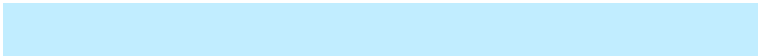
71.6988, 0.2871, 0.2897

Complementary

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



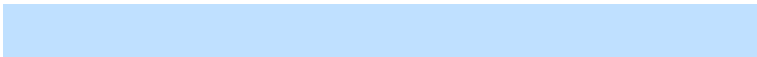
71.6988, 0.3596, 0.3476



79.1505, 0.2751, 0.3096

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.



71.6988, 0.2723, 0.2939



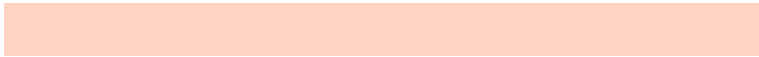
71.6988, 0.3596, 0.3476



71.6988, 0.2751, 0.3283

Square

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



71.6988, 0.3596, 0.3476



71.6988, 0.3149, 0.3661



71.6988, 0.2680, 0.3077



71.6988, 0.3091, 0.2952

Rectangle

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



71.6988, 0.3596, 0.3476



71.6988, 0.3443, 0.3696



71.6988, 0.2680, 0.3077



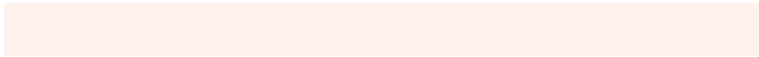
71.6988, 0.2812, 0.2899

Sweetspot

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



71.6936, 0.3596, 0.3476



91.0803, 0.3242, 0.3341



65.5509, 0.3285, 0.2846



19.3366, 0.3253, 0.3345



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

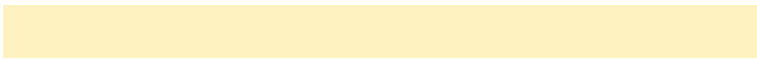
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6936, 0.3596, 0.3476



67.0666, 0.3711, 0.3514



88.3611, 0.3525, 0.3776



18.8446, 0.3287, 0.3360



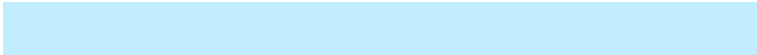
13.8824, 0.5990, 0.3626



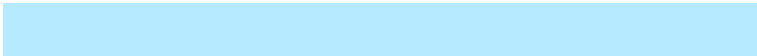
1.5299, 0.5770, 0.3801

Inverse Universe

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



79.1505, 0.2751, 0.3096



75.6489, 0.2681, 0.3053



62.9215, 0.2722, 0.2752



19.5397, 0.2980, 0.3219



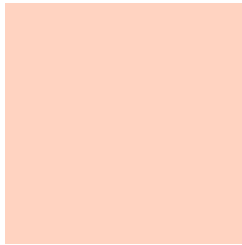
21.3298, 0.1977, 0.2315



2.2650, 0.2011, 0.2440

Previews

White Background



This preview shows how the Yxy color 71.6988, 0.3596, 0.3476 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 71.6988, 0.3596, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

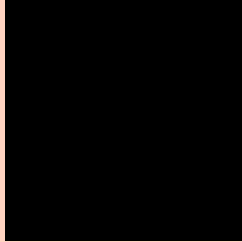
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.6988, 0.3596, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 71.6988, 0.3596, 0.3476.

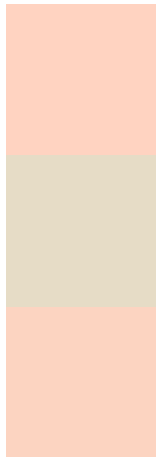


This preview shows how white text looks on a background with the Yxy color 71.6988, 0.3596, 0.3476.

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

71.6988, 0.3596, 0.3476

Protanopia

72.0866, 0.3350, 0.3530

Deuteranopia

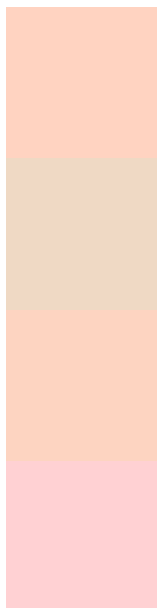
71.6327, 0.3570, 0.3488



Tritanopia

71.6457, 0.3384, 0.3149

Trichromacy



Original Color

71.6988, 0.3596, 0.3476

Protanomaly

71.9620, 0.3437, 0.3515

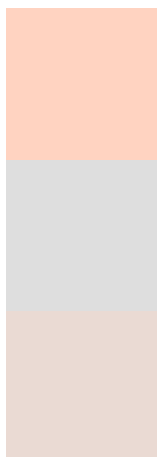
Deuteranomaly

71.8199, 0.3578, 0.3488

Tritanomaly

71.5641, 0.3464, 0.3271

Monochromacy



Original Color

71.6988, 0.3596, 0.3476

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.3384, 0.3292, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6988, 0.3596, 0.3476 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, 211, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 193)  
}
```

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, 211, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 193) }
```

Border

The CSS property to change the border of an element to Yxy 71.6988, 0.3596, 0.3476 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, 211, 193) }
```

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

```
.border{ border-color:rgb(255, 211, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6988, 0.3596, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 193) }
```

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

```
.background{ background-color: rgb(255,  
211, 193) }
```

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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