

Converting Colors

$Y_{xy}(72.0266, 0.3568, 0.3443)$

Have a look what the booklet for
Yxy(72.0266, 0.3568, 0.3443)
contains.

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Color

Yxy(71.8797, 0.3566, 0.3435)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFD3C5 |
| RGB | 255, 211, 197 |
| RGB Percent | 100%, 83%, 77% |
| CMY | 0.0000, 0.1726, 0.2275 |
| CMYK | 0.00, 0.17, 0.23, 0.00 |
| HSL | 14°, 100%, 89% |
| HSV | 14°, 23%, 100% |
| XYZ | 74.6210, 71.8797, 62.7561 |
| YIQ | 222.5600, 30.7180, 4.9740 |

Conversions

Conversions Part 2

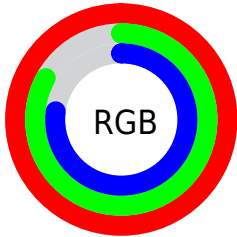
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 215, 197 |
| Decimal | 16765893 |
| CIE _{Lab} | 87.91, 13.37, 12.71 |
| CIE _{LCh} | 88, 18.449, 43.566 |
| Yxy | 71.8797, 0.3566, 0.3435 |
| Android (android.graphics.Color) | 4294955973 (0xFFFFD3C5) |
| YUV | 222.5600, -12.6011, 28.4499 |
| Hunter-Lab | 84.7819, 8.7388, 15.4605 |

Details

The Yxy color **71.8797, 0.3566, 0.3435** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.9957, 0.2777, 0.3140**, and the grayscale version is **73.5334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **37.7659, 0.3680, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **61.7647, 0.3823, 0.3503**, and if you desaturate by 10%, it is **83.3415, 0.3350, 0.3369**.

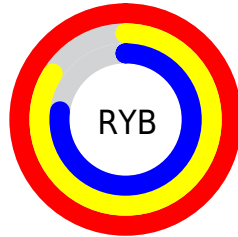
Distribution



Red (100%)

Green (83%)

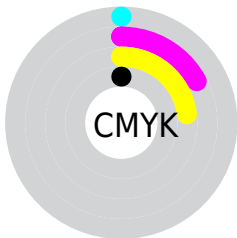
Blue (77%)



Red (100%)

Yellow (84%)

Blue (77%)

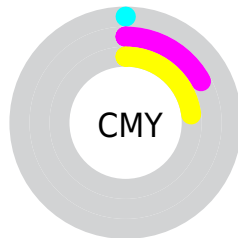


Cyan (0%)

Magenta (17%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8797, 0.3566, 0.3435 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 71.8797, 0.3566, 0.3435 by changing the saturation by 10% instead.


 71.8797, 0.3566,
0.3435

 71.8797, 0.3566,
0.3435


467.1228, 0.3361,
0.3371

 53.0604, 0.3613,
0.3449


121.8855, 0.3494,
0.3414

 37.8510, 0.3672,
0.3465


153.8408, 0.3467,
0.3405

 25.8671, 0.3747,
0.3485


190.9435, 0.3443,
0.3398

 16.7242, 0.3845,
0.3510

233.5781, 0.3422,
0.3391

 10.0381, 0.3980,
0.3541

282.1289, 0.3404,
0.3385

 5.4242, 0.4175,
0.3580

336.9804, 0.3388,

 2.4982, 0.4482,

0.3380

0.3626

398.5169, 0.3374,
0.3376

0.8758, 0.5607,
0.4091

0.0000, 1.0000,
0.0000

71.8797, 0.3566,
0.3435

71.8797, 0.3566,
0.3435

61.7647, 0.3823,
0.3503

83.3415, 0.3350,
0.3369

52.9568, 0.4127,
0.3569

96.2094, 0.3171,
0.3306

45.3983, 0.4477,
0.3627

100.0000, 0.3127,
0.3290

39.0312, 0.4865,
0.3667

■ 33.7927, 0.5267,
0.3679

■ 29.6140, 0.5646,
0.3652

■ 26.4177, 0.5957,
0.3584

■ 24.6581, 0.6126,
0.3518

Harmonies

Analogous

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



71.8797, 0.3470, 0.3246



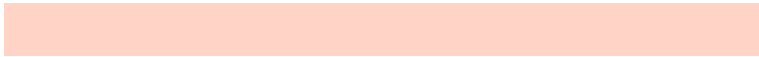
71.8797, 0.3566, 0.3435



71.8797, 0.3538, 0.3596

Triad

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



71.8797, 0.3566, 0.3435



71.8797, 0.2967, 0.3523



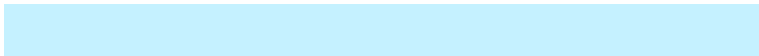
71.8797, 0.2854, 0.2917

Complementary

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



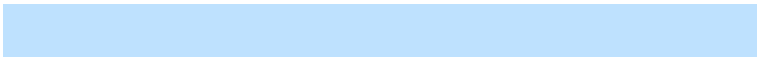
71.8797, 0.3566, 0.3435



81.9957, 0.2777, 0.3140

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.



71.8797, 0.2729, 0.2974



71.8797, 0.3566, 0.3435



71.8797, 0.2793, 0.3322

Square

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



71.8797, 0.3566, 0.3435



71.8797, 0.3188, 0.3657



71.8797, 0.2708, 0.3120



71.8797, 0.3054, 0.2954

Rectangle

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



71.8797, 0.3566, 0.3435



71.8797, 0.3455, 0.3664



71.8797, 0.2708, 0.3120



71.8797, 0.2802, 0.2926

Sweetspot

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



71.8760, 0.3566, 0.3435



90.5662, 0.3243, 0.3332



67.5655, 0.3252, 0.2848



19.2178, 0.3254, 0.3336



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.



71.8760, 0.3566, 0.3435



67.4160, 0.3670, 0.3464



87.3345, 0.3504, 0.3716



18.6990, 0.3288, 0.3348



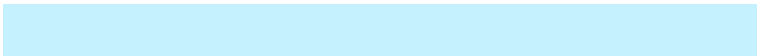
13.0764, 0.6099, 0.3539



1.4344, 0.5883, 0.3710

Inverse Universe

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



81.9957, 0.2777, 0.3140



79.0470, 0.2714, 0.3108



66.4047, 0.2753, 0.2824



19.6945, 0.2980, 0.3231



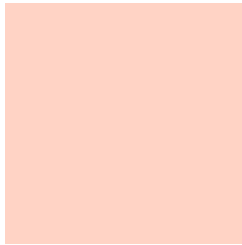
24.0468, 0.2024, 0.2488



2.5107, 0.2053, 0.2590

Previews

White Background



This preview shows how the Yxy color 71.8797, 0.3566, 0.3435 looks on a white background.

Color Contrast Check

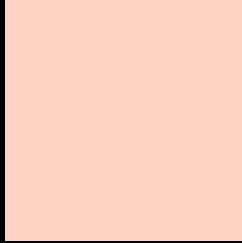
Large Text (above 18pt) WCAG AA × Fail

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 71.8797, 0.3566, 0.3435 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 71.8797, 0.3566, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 71.8797, 0.3566, 0.3435.

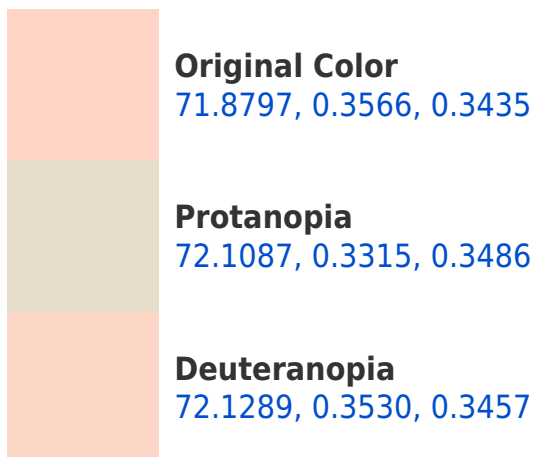


This preview shows how white text looks on a background with the Yxy color 71.8797, 0.3566, 0.3435.

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

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.8797, 0.3566, 0.3435

Protanomaly

71.9730, 0.3401, 0.3472

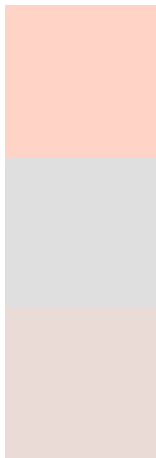
Deuteranomaly

71.8136, 0.3540, 0.3446

Tritanomaly

71.7160, 0.3442, 0.3240

Monochromacy



Original Color

71.8797, 0.3566, 0.3435

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.1802, 0.3277, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8797, 0.3566, 0.3435 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 197) }
```

Border

The CSS property to change the border of an element to Yxy 71.8797, 0.3566, 0.3435 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, 197) }
```

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

```
.border{ border-color:rgb(255, 211, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8797, 0.3566, 0.3435 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, 197) }
```

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

```
.background{ background-color: rgb(255,  
211, 197) }
```

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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