

Converting Colors

$Y_{xy}(75.2530, 0.3497, 0.3394)$

Have a look what the booklet for
Yxy(75.2530, 0.3497, 0.3394)
contains.

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Color

Yxy(74.8280, 0.3488, 0.3393)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFD8CE |
| RGB | 255, 216, 206 |
| RGB Percent | 100%, 85%, 81% |
| CMY | 0.0002, 0.1528, 0.1921 |
| CMYK | 0.00, 0.15, 0.19, 0.00 |
| HSL | 12°, 100%, 90% |
| HSV | 12°, 19%, 100% |
| XYZ | 76.9231, 74.8280, 68.7853 |
| YIQ | 226.5210, 26.4540, 5.1580 |

Conversions

Conversions Part 2

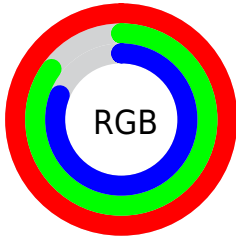
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 219, 206 |
| Decimal | 16767182 |
| CIE Lab | 89.31, 12.02, 9.96 |
| CIE LCh | 89, 15.613, 39.653 |
| Yxy | 74.8280, 0.3488, 0.3393 |
| Android (android.graphics.Color) | 4294957262 (0xFFFFD8CE) |
| YUV | 226.5210, -10.1169, 24.9761 |
| Hunter-Lab | 86.5032, 7.3509, 13.4062 |

Details

The Yxy color **74.8280, 0.3488, 0.3393** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.6037, 0.2832, 0.3185**, and the grayscale version is **76.5097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7625, 0.3575, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **63.9328, 0.3735, 0.3451**, and if you desaturate by 10%, it is **87.2131, 0.3284, 0.3338**.

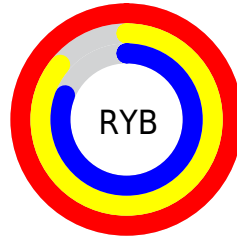
Distribution



Red (100%)

Green (85%)

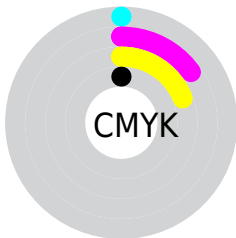
Blue (81%)



Red (100%)

Yellow (86%)

Blue (81%)

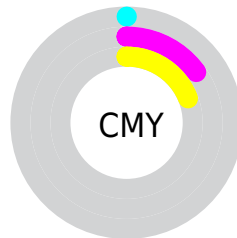


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8280, 0.3488, 0.3393 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 74.8280, 0.3488, 0.3393 by changing the saturation by 10% instead.

 74.8280, 0.3488,
0.3393

 74.8280, 0.3488,
0.3393

477.3262, 0.3321,
0.3348

 55.4720, 0.3526,
0.3403


126.0689, 0.3430,
0.3378

 39.7797, 0.3574,
0.3414


158.7225, 0.3407,
0.3372

 27.3669, 0.3634,
0.3428

196.5775, 0.3388,
0.3367

 17.8489, 0.3713,
0.3446


240.0182, 0.3371,
0.3362

 10.8416, 0.3820,
0.3468

289.4290, 0.3356,
0.3358

 5.9604, 0.3975,
0.3496

345.1944, 0.3343,

 2.8210, 0.4217,

0.3354

0.3532

407.6986, 0.3331,
0.3351

■ 1.0390, 0.4798,
0.3689

■ 0.0000, 1.0000,
0.0000

■ 74.8280, 0.3488,
0.3393

■ 74.8280, 0.3488,
0.3393

■ 63.9328, 0.3735,
0.3451

■ 87.2131, 0.3284,
0.3338

■ 54.4612, 0.4030,
0.3508

99.9904, 0.3127,
0.3290

■ 46.3567, 0.4375,
0.3560

■ 39.5553, 0.4765,
0.3599

■ 33.9877, 0.5182,
0.3616

■ 29.5780, 0.5588,
0.3601

■ 26.2412, 0.5934,
0.3549

■ 23.8756, 0.6180,
0.3468

■ 23.7226, 0.6196,
0.3462

Harmonies

Analogous

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



74.8280, 0.3396, 0.3233



74.8280, 0.3488, 0.3393



74.8280, 0.3479, 0.3532

Triad

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



74.8280, 0.3488, 0.3393



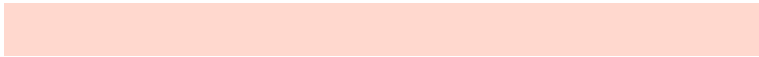
74.8280, 0.3017, 0.3502



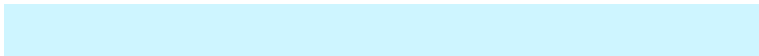
74.8280, 0.2881, 0.2979

Complementary

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



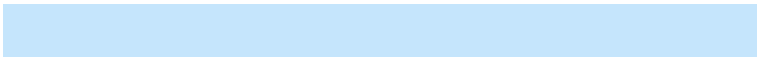
74.8280, 0.3488, 0.3393



85.6037, 0.2832, 0.3185

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.



74.8280, 0.2786, 0.3039



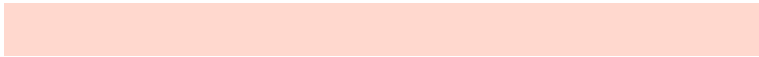
74.8280, 0.3488, 0.3393



74.8280, 0.2863, 0.3340

Square

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



74.8280, 0.3488, 0.3393



74.8280, 0.3204, 0.3603



74.8280, 0.2780, 0.3170



74.8280, 0.3043, 0.2999

Rectangle

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



74.8280, 0.3488, 0.3393



74.8280, 0.3418, 0.3594



74.8280, 0.2780, 0.3170



74.8280, 0.2840, 0.2990

Sweetspot

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



74.8314, 0.3488, 0.3393



91.5338, 0.3226, 0.3321



71.9991, 0.3218, 0.2903



19.4020, 0.3238, 0.3324



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.



74.8314, 0.3488, 0.3393



70.5460, 0.3576, 0.3415



88.1845, 0.3443, 0.3632



18.5891, 0.3289, 0.3339



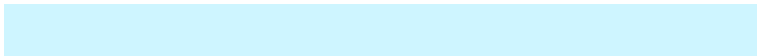
12.5693, 0.6171, 0.3482



1.3707, 0.5965, 0.3646

Inverse Universe

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



85.6037, 0.2832, 0.3185



83.1016, 0.2775, 0.3161



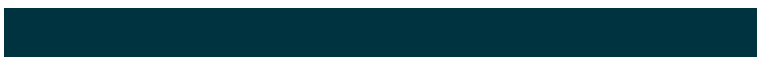
71.8891, 0.2817, 0.2923



19.8128, 0.2980, 0.3240



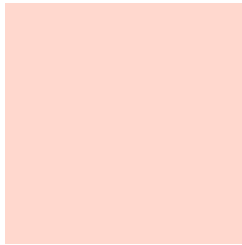
26.2637, 0.2060, 0.2617



2.7090, 0.2084, 0.2702

Previews

White Background



This preview shows how the Yxy color 74.8280, 0.3488, 0.3393 looks on a white background.

Color Contrast Check

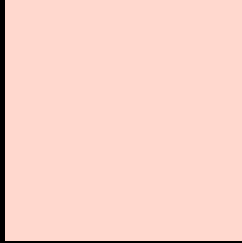
Large Text (above 18pt) WCAG AA × Fail

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 74.8280, 0.3488, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

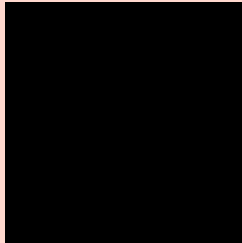
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8280, 0.3488, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 74.8280, 0.3488, 0.3393.



This preview shows how white text looks on a background with the Yxy color 74.8280, 0.3488, 0.3393.

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

74.8280, 0.3488, 0.3393

Protanopia

75.1203, 0.3277, 0.3440

Deuteranopia

74.9646, 0.3471, 0.3403



Tritanopia

75.0103, 0.3325, 0.3140

Trichromacy



Original Color

74.8280, 0.3488, 0.3393

Protanomaly

74.8416, 0.3346, 0.3417

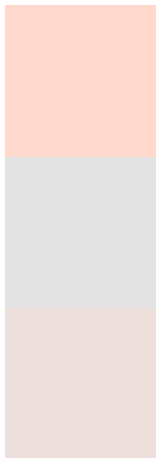
Deuteranomaly

75.1528, 0.3479, 0.3403

Tritanomaly

75.0813, 0.3381, 0.3230

Monochromacy



Original Color

74.8280, 0.3488, 0.3393

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.8944, 0.3253, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8280, 0.3488, 0.3393 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 206) }
```

Border

The CSS property to change the border of an element to Yxy 74.8280, 0.3488, 0.3393 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, 206) }
```

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

```
.border{ border-color:rgb(255, 216, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 216, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 216, 206); box-shadow:4px 4px 4px 4px rgb(255, 216, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8280, 0.3488, 0.3393 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
216, 206) }
```

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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