

Converting Colors

Yxy(74.6191, 0.3481, 0.3390)

Have a look what the booklet for
Yxy(74.6191, 0.3481, 0.3390)
contains.

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Color

Yxy(74.6388, 0.3481, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	FED8CE
RGB	254, 216, 206
RGB Percent	100%, 85%, 81%
CMY	0.0038, 0.1529, 0.1921
CMYK	0.00, 0.15, 0.19, 0.00
HSL	12°, 96%, 90%
HSV	12°, 19%, 100%
XYZ	76.5746, 74.6388, 68.7654
YIQ	226.2220, 25.8580, 4.9460

Conversions

Conversions Part 2

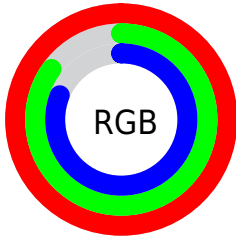
Format	Color
RYB	254, 219, 206
Decimal	16701646
CIELab	89.22, 11.70, 9.83
CIELCh	89, 15.279, 40.028
Yxy	74.6388, 0.3481, 0.3393
Android (android.graphics.Color)	4294891726 (0xFF FED8CE)
YUV	226.2220, -9.9694, 24.3613
Hunter-Lab	86.3937, 7.0234, 13.2836

Details

The Yxy color **74.6388, 0.3481, 0.3393** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.9951, 0.2836, 0.3185**, and the grayscale version is **76.2851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6271, 0.3565, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **63.8223, 0.3726, 0.3452**, and if you desaturate by 10%, it is **86.9231, 0.3278, 0.3337**.

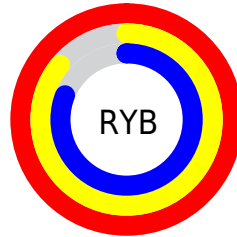
Distribution



Red (100%)

Green (85%)

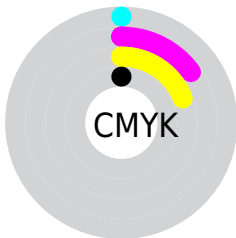
Blue (81%)



Red (100%)

Yellow (86%)

Blue (81%)

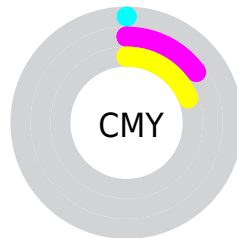


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6388, 0.3481, 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 74.6388, 0.3481, 0.3393 by changing the saturation by 10% instead.


 74.6388, 0.3481,
0.3393

 74.6388, 0.3481,
0.3393


476.6752, 0.3317,
0.3348

 55.3170, 0.3519,
0.3403


125.8009, 0.3424,
0.3378

 39.6556, 0.3565,
0.3414


158.4101, 0.3402,
0.3372

 27.2701, 0.3624,
0.3429


196.2172, 0.3383,
0.3367

 17.7762, 0.3702,
0.3446

239.6066, 0.3366,
0.3362

 10.7894, 0.3807,
0.3469

288.9627, 0.3351,
0.3358

 5.9254, 0.3960,
0.3498

344.6699, 0.3339,

 2.7998, 0.4198,

0.3354

0.3535

407.1126, 0.3327,
0.3351

■ 1.0281, 0.4775,
0.3697

■ 0.0000, 1.0000,
0.0000

■ 74.6388, 0.3481,
0.3393

■ 74.6388, 0.3481,
0.3393

■ 63.8223, 0.3726,
0.3452

■ 86.9231, 0.3278,
0.3337

■ 54.4086, 0.4018,
0.3510

99.8143, 0.3121,
0.3290

■ 46.3426, 0.4361,
0.3563

■ 39.5617, 0.4749,
0.3603

■ 33.9982, 0.5163,
0.3622

■ 29.5780, 0.5569,
0.3608

■ 26.2184, 0.5918,
0.3557

■ 23.8210, 0.6167,
0.3476

■ 23.6093, 0.6190,
0.3467

Harmonies

Analogous

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



74.6388, 0.3392, 0.3236



74.6388, 0.3481, 0.3393



74.6388, 0.3471, 0.3529

Triad

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



74.6388, 0.3481, 0.3393



74.6388, 0.3017, 0.3496



74.6388, 0.2887, 0.2985

Complementary

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



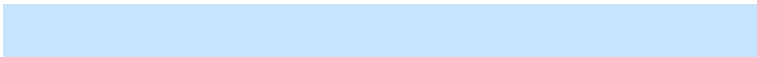
74.6388, 0.3481, 0.3393



84.9951, 0.2836, 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.



74.6388, 0.2793, 0.3043



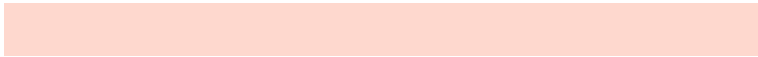
74.6388, 0.3481, 0.3393



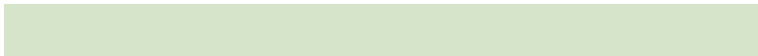
74.6388, 0.2867, 0.3337

Square

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



74.6388, 0.3481, 0.3393



74.6388, 0.3200, 0.3595



74.6388, 0.2786, 0.3170



74.6388, 0.3047, 0.3006

Rectangle

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



74.6388, 0.3481, 0.3393



74.6388, 0.3411, 0.3589



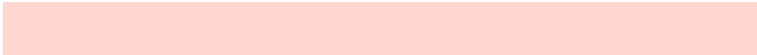
74.6388, 0.2786, 0.3170



74.6388, 0.2847, 0.2996

Sweetspot

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



74.6422, 0.3481, 0.3393



91.5657, 0.3226, 0.3321



71.7762, 0.3216, 0.2909



19.4095, 0.3237, 0.3325



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

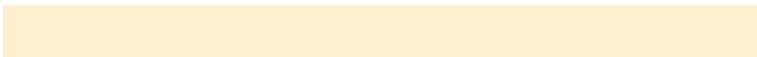
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6422, 0.3481, 0.3393



70.6461, 0.3576, 0.3417



87.6241, 0.3438, 0.3626



18.5995, 0.3289, 0.3340



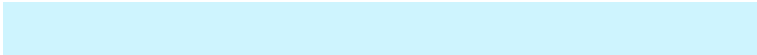
12.6137, 0.6165, 0.3487



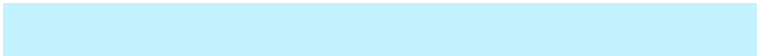
1.3764, 0.5957, 0.3652

Inverse Universe

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



84.9951, 0.2836, 0.3185



82.9791, 0.2775, 0.3159



71.6807, 0.2822, 0.2929



19.8015, 0.2980, 0.3239



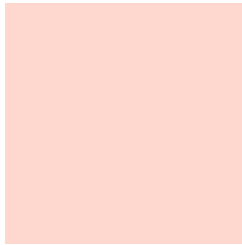
26.0474, 0.2057, 0.2605



2.6898, 0.2081, 0.2692

Previews

White Background



This preview shows how the Yxy color 74.6388, 0.3481, 0.3393 looks on a white background.

Color Contrast Check

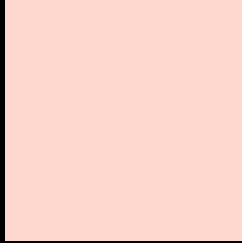
Large Text (above 18pt) WCAG AA × Fail

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 74.6388, 0.3481, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

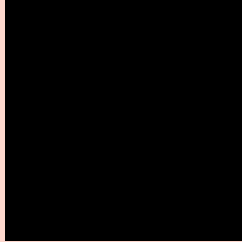
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6388, 0.3481, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 74.6388, 0.3481, 0.3393.

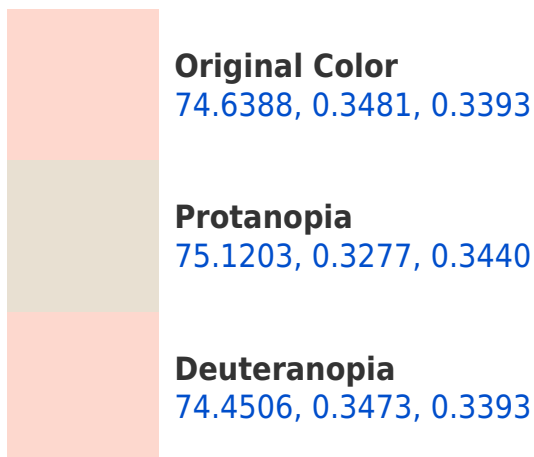


This preview shows how white text looks on a background with the Yxy color 74.6388, 0.3481, 0.3393.

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

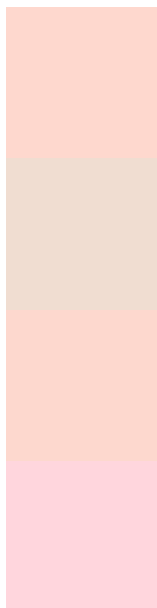




Tritanopia

74.5056, 0.3326, 0.3130

Trichromacy



Original Color

74.6388, 0.3481, 0.3393

Protanomaly

74.8416, 0.3346, 0.3417

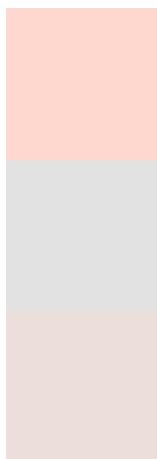
Deuteranomaly

74.4506, 0.3473, 0.3393

Tritanomaly

74.5736, 0.3383, 0.3220

Monochromacy



Original Color

74.6388, 0.3481, 0.3393

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.1899, 0.3247, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6388, 0.3481, 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(254, 216, 206)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 216, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 206) }
```

Border

The CSS property to change the border of an element to Yxy 74.6388, 0.3481, 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(254, 216, 206) }
```

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

```
.border{ border-color:rgb(254, 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(254, 216, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6388, 0.3481, 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(254, 216, 206) }
```

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

```
.background{ background-color: rgb(254,  
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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