

Converting Colors

$Yxy(76.5349, 0.3655, 0.3796)$

Have a look what the booklet for
Yxy(76.5349, 0.3655, 0.3796)
contains.

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Color

Yxy(76.7304, 0.3654, 0.3798)

Conversions

Conversions Part 1

Format	Color
Hex	FAE0AF
RGB	250, 224, 175
RGB Percent	98%, 88%, 69%
CMY	0.0196, 0.1216, 0.3137
CMYK	0.00, 0.10, 0.30, 0.02
HSL	39°, 88%, 83%
HSV	39°, 30%, 98%
XYZ	73.8212, 76.7304, 51.4768
YIQ	226.1880, 31.2250, -9.7270

Conversions

Conversions Part 2

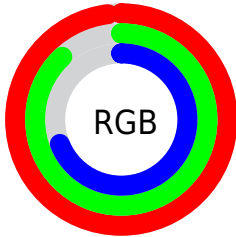
Format	Color
R _Y B	215, 250, 175
Decimal	16441519
CIE Lab	90.20, 1.86, 27.29
CIE LCh	90, 27.357, 86.108
Yxy	76.7304, 0.3654, 0.3798
Android (android.graphics.Color)	4294631599 (0xFFFAE0AF)
YUV	226.1880, -25.2357, 20.8831
Hunter-Lab	87.5959, -2.8624, 26.4746

Details

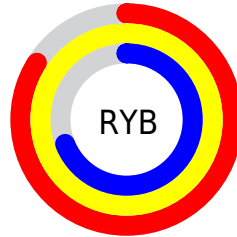
The Yxy color **76.7304, 0.3654, 0.3798** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.7963, 0.2630, 0.2723**, and the grayscale version is **76.3685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **41.1185, 0.3778, 0.3913** is the 20% darker color. If you saturate the color by 10%, you get **71.2987, 0.3860, 0.3970**, and if you desaturate by 10%, it is **82.5886, 0.3462, 0.3624**.

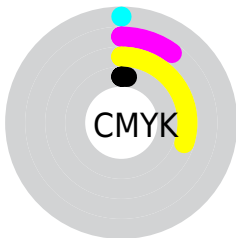
Distribution



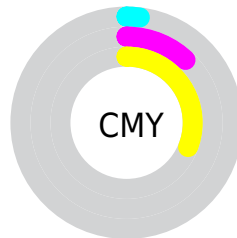
- Red (98%)
- Green (88%)
- Blue (69%)



- Red (84%)
- Yellow (98%)
- Blue (69%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (2%)




- Cyan (2%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7304, 0.3654, 0.3798 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 76.7304, 0.3654, 0.3798 by changing the saturation by 10% instead.


 76.7304, 0.3654,
0.3798

 76.7304, 0.3654,
0.3798


483.8443, 0.3414,
0.3568

 57.0316, 0.3708,
0.3849

 128.7588, 0.3572,
0.3719

 41.0306, 0.3773,
0.3911


161.8573, 0.3539,
0.3689

 28.3430, 0.3854,
0.3987


200.1911, 0.3511,
0.3662

 18.5844, 0.3958,
0.4084

244.1447, 0.3487,
0.3638

 11.3704, 0.4093,
0.4209

294.1024, 0.3465,
0.3618

 6.3165, 0.4274,
0.4373

350.4486, 0.3446,

 3.0385, 0.4563,

0.3599

0.4634

413.5678, 0.3429,
0.3583

■ 1.1519, 0.4995,
0.5005

■ 0.0219, 0.7516,
0.2484

■ 76.7304, 0.3654,
0.3798

■ 76.7304, 0.3654,
0.3798

■ 71.2987, 0.3860,
0.3970

■ 82.5886, 0.3462,
0.3624

■ 66.2695, 0.4075,
0.4132

■ 88.8754, 0.3286,
0.3453

■ 61.6316, 0.4293,
0.4273

■ 95.6065, 0.3127,
0.3290

■ 57.3690, 0.4503,
0.4381

■ 99.0664, 0.3096,
0.3290

■ 53.4640, 0.4694,
0.4445

■ 49.8958, 0.4856,
0.4458

■ 46.6339, 0.4987,
0.4423

Harmonies

Analogous

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



76.7304, 0.3772, 0.3596



76.7304, 0.3654, 0.3798



76.7304, 0.3395, 0.3870

Triad

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



76.7304, 0.3654, 0.3798



76.7304, 0.2579, 0.3201



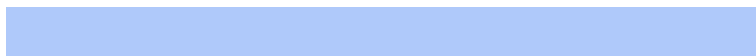
76.7304, 0.3155, 0.2871

Complementary

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



76.7304, 0.3654, 0.3798



57.7963, 0.2630, 0.2723

Split Complementary

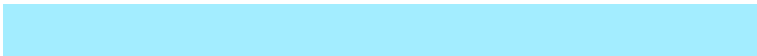
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7304, 0.2841, 0.2766



76.7304, 0.3654, 0.3798



76.7304, 0.2522, 0.2937

Square

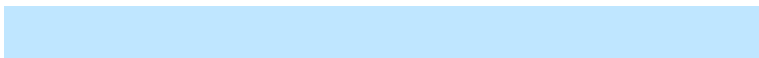
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7304, 0.3654, 0.3798



76.7304, 0.2777, 0.3513



76.7304, 0.2615, 0.2785



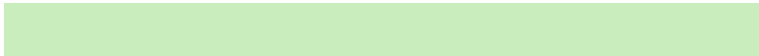
76.7304, 0.3476, 0.3074

Rectangle

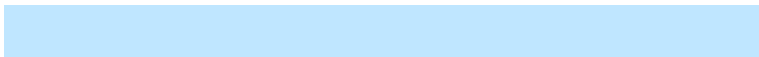
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7304, 0.3654, 0.3798



76.7304, 0.3182, 0.3821



76.7304, 0.2615, 0.2785



76.7304, 0.3045, 0.2823

Sweetspot

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



76.7339, 0.3654, 0.3798



93.6361, 0.3269, 0.3436



55.2160, 0.3567, 0.3014



19.8294, 0.3294, 0.3461



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

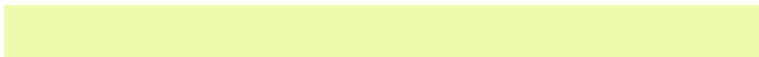
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7339, 0.3654, 0.3798



76.7763, 0.3777, 0.3903



89.7837, 0.3504, 0.4062



19.1181, 0.3278, 0.3445



25.0125, 0.4970, 0.4436



2.5146, 0.4853, 0.4529

Inverse Universe

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



57.7963, 0.2630, 0.2723



54.0725, 0.2522, 0.2587



48.0343, 0.2673, 0.2428



17.6272, 0.2979, 0.3131



7.4917, 0.1642, 0.1112



0.8836, 0.1708, 0.1347

Previews

White Background



This preview shows how the Yxy color 76.7304, 0.3654, 0.3798 looks on a white background.

Color Contrast Check

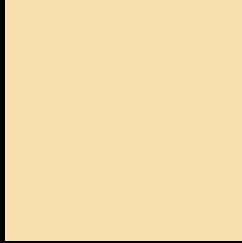
Large Text (above 18pt) WCAG AA × Fail

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 76.7304, 0.3654, 0.3798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

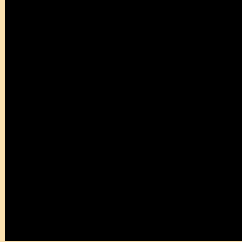
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.7304, 0.3654, 0.3798

Background



This preview shows how black text looks on a background with the Yxy color 76.7304, 0.3654, 0.3798.



This preview shows how white text looks on a background with the Yxy color 76.7304, 0.3654, 0.3798.

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

76.7304, 0.3654, 0.3798

Protanopia

76.9500, 0.3578, 0.3828

Deuteranopia

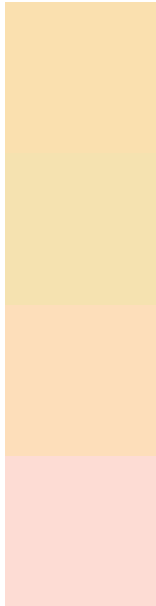
76.8232, 0.3572, 0.3577



Tritanopia

76.7689, 0.3294, 0.3131

Trichromacy



Original Color

76.7304, 0.3654, 0.3798

Protanomaly

76.9398, 0.3603, 0.3814

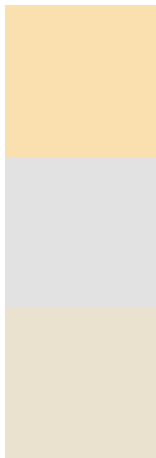
Deuteranomaly

76.6704, 0.3605, 0.3661

Tritanomaly

76.8225, 0.3423, 0.3372

Monochromacy



Original Color

76.7304, 0.3654, 0.3798

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.0176, 0.3318, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7304, 0.3654, 0.3798 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(250, 224, 175)` looks like.

```
.text, #text, p{  
    color:rgb(250, 224, 175)  
}
```

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(250, 224, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 224, 175) }
```

Border

The CSS property to change the border of an element to Yxy 76.7304, 0.3654, 0.3798 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(250, 224, 175) }
```

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

```
.border{ border-color:rgb(250, 224, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 224, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 224, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 224, 175);  
box-shadow:4px 4px 4px 4px rgb(250, 224,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7304, 0.3654, 0.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 224, 175) }
```

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

```
.background{ background-color: rgb(250,  
224, 175) }
```

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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