

Converting Colors

$Yxy(76.6118, 0.3695, 0.3860)$

Have a look what the booklet for
Yxy(76.6118, 0.3695, 0.3860)
contains.

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Color

Yxy(76.4999, 0.3696, 0.3860)

Conversions

Conversions Part 1

Format	Color
Hex	FAE0A9
RGB	250, 224, 169
RGB Percent	98%, 88%, 66%
CMY	0.0195, 0.1216, 0.3373
CMYK	0.00, 0.10, 0.32, 0.02
HSL	41°, 89%, 82%
HSV	41°, 32%, 98%
XYZ	73.2496, 76.4999, 48.4367
YIQ	225.5040, 33.1510, -11.5930

Conversions

Conversions Part 2

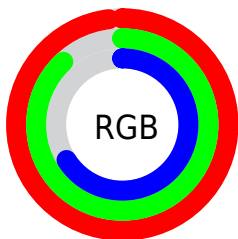
Format	Color
RYB	207, 250, 169
Decimal	16441513
CIELab	90.09, 1.13, 30.24
CIELCh	90, 30.261, 87.866
Yxy	76.4999, 0.3696, 0.3860
Android (android.graphics.Color)	4294631593 (0xFFFAE0A9)
YUV	225.5040, -27.8565, 21.4830
Hunter-Lab	87.4642, -3.5720, 28.3908

Details

The Yxy color **76.4999, 0.3696, 0.3860** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.3824, 0.2584, 0.2644**, and the grayscale version is **75.8675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **40.8434, 0.3821, 0.3994** is the 20% darker color. If you saturate the color by 10%, you get **71.4358, 0.3900, 0.4036**, and if you desaturate by 10%, it is **81.9546, 0.3504, 0.3679**.

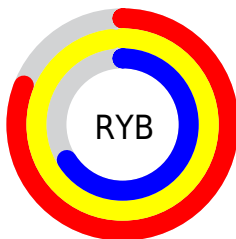
Distribution



Red (98%)

Green (88%)

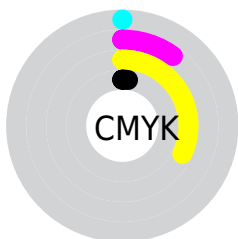
Blue (66%)



Red (81%)

Yellow (98%)

Blue (66%)

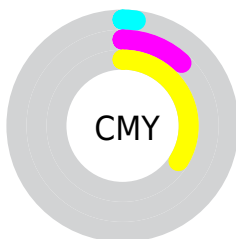


Cyan (0%)

Magenta (10%)

Yellow (32%)

Black (2%)



Cyan (2%)


Magenta (12%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.4999, 0.3696, 0.3860 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 76.4999, 0.3696, 0.3860 by changing the saturation by 10% instead.


 76.4999, 0.3696,
0.3860

 76.4999, 0.3696,
0.3860

483.0572, 0.3437,
0.3602

 56.8425, 0.3753,
0.3917


 128.4333, 0.3608,
0.3772

 40.8788, 0.3823,
0.3986


161.4781, 0.3573,
0.3737

 28.2244, 0.3909,
0.4071


199.7542, 0.3543,
0.3707

 18.4949, 0.4018,
0.4178

243.6459, 0.3516,
0.3681

 11.3059, 0.4159,
0.4315

293.5377, 0.3493,
0.3658

 6.2730, 0.4344,
0.4493

349.8139, 0.3472,

 3.0118, 0.4684,

0.3637

0.4823

412.8589, 0.3454,
0.3619

■ 1.1379, 0.4948,
0.5052

■ 0.0101, 0.7864,
0.2136

■ 76.4999, 0.3696,
0.3860

■ 76.4999, 0.3696,
0.3860

■ 71.4358, 0.3900,
0.4036

■ 81.9546, 0.3504,
0.3679

■ 66.7387, 0.4109,
0.4199

■ 87.8016, 0.3326,
0.3501

■ 62.3980, 0.4316,
0.4338

■ 94.0558, 0.3164,
0.3330

■ 58.3982, 0.4512,
0.4441

■ 99.0702, 0.3097,
0.3290

■ 54.7215, 0.4685,
0.4498

■ 51.3474, 0.4827,
0.4504

■ 48.9669, 0.4916,
0.4478

Harmonies

Analogous

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



76.4999, 0.3839, 0.3641



76.4999, 0.3696, 0.3860



76.4999, 0.3402, 0.3933

Triad

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



76.4999, 0.3696, 0.3860



76.4999, 0.2514, 0.3170



76.4999, 0.3179, 0.2840

Complementary

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



76.4999, 0.3696, 0.3860



54.3824, 0.2584, 0.2644

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.



76.4999, 0.2829, 0.2716



76.4999, 0.3696, 0.3860



76.4999, 0.2462, 0.2884

Square

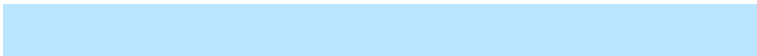
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4999, 0.3696, 0.3860



76.4999, 0.2723, 0.3517



76.4999, 0.2573, 0.2727



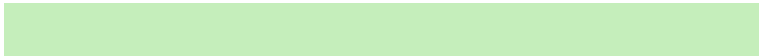
76.4999, 0.3532, 0.3067

Rectangle

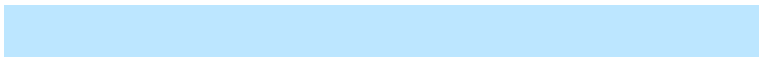
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4999, 0.3696, 0.3860



76.4999, 0.3165, 0.3872



76.4999, 0.2573, 0.2727



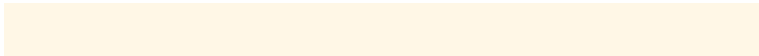
76.4999, 0.3056, 0.2785

Sweetspot

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



76.5034, 0.3696, 0.3860



93.3486, 0.3285, 0.3459



52.6892, 0.3627, 0.3005



19.7878, 0.3309, 0.3484



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

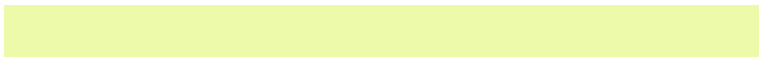
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5034, 0.3696, 0.3860



76.4456, 0.3830, 0.3978



89.1796, 0.3524, 0.4128



19.1953, 0.3277, 0.3450



26.2375, 0.4901, 0.4490



2.6217, 0.4795, 0.4574

Inverse Universe

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



54.3824, 0.2584, 0.2644



49.9975, 0.2463, 0.2485



45.2834, 0.2640, 0.2350



17.5534, 0.2979, 0.3124



6.9591, 0.1624, 0.1046



0.8276, 0.1689, 0.1280

Previews

White Background



This preview shows how the Yxy color 76.4999, 0.3696, 0.3860 looks on a white background.

Color Contrast Check

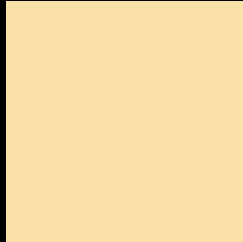
Large Text (above 18pt) WCAG AA × Fail

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 76.4999, 0.3696, 0.3860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

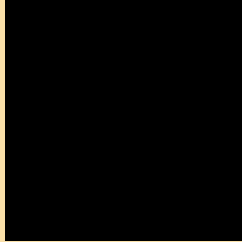
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.4999, 0.3696, 0.3860

Background



This preview shows how black text looks on a background with the Yxy color 76.4999, 0.3696, 0.3860.



This preview shows how white text looks on a background with the Yxy color 76.4999, 0.3696, 0.3860.

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

76.4999, 0.3696, 0.3860

Protanopia

76.3497, 0.3629, 0.3880

Deuteranopia

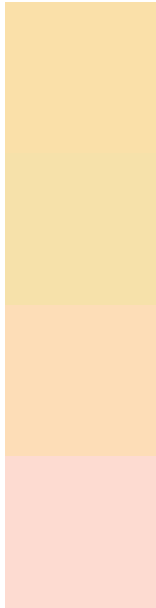
76.2080, 0.3589, 0.3587



Tritanopia

76.1979, 0.3302, 0.3131

Trichromacy



Original Color

76.4999, 0.3696, 0.3860

Protanomaly

76.3455, 0.3655, 0.3866

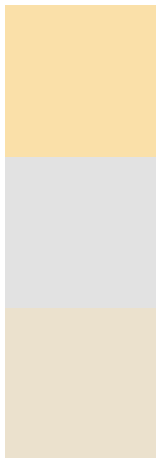
Deuteranomaly

76.0144, 0.3629, 0.3682

Tritanomaly

76.1491, 0.3446, 0.3393

Monochromacy



Original Color

76.4999, 0.3696, 0.3860

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9204, 0.3332, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4999, 0.3696, 0.3860 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(250, 224, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 224, 169) }
```

Border

The CSS property to change the border of an element to Yxy 76.4999, 0.3696, 0.3860 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, 169) }
```

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

```
.border{ border-color:rgb(250, 224, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 224, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 224, 169); box-shadow:4px 4px 4px 4px rgb(250, 224, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4999, 0.3696, 0.3860 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, 169) }
```

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

```
.background{ background-color: rgb(250,  
224, 169) }
```

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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