

Converting Colors

$Y_{xy}(74.9313, 0.3735, 0.4002)$

Have a look what the booklet for
Yxy(74.9313, 0.3735, 0.4002)
contains.

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Color

Yxy(74.9447, 0.3739, 0.4005)

Conversions

Conversions Part 1

Format	Color
Hex	F4E09C
RGB	244, 224, 156
RGB Percent	96%, 88%, 61%
CMY	0.0431, 0.1216, 0.3884
CMYK	0.00, 0.08, 0.36, 0.04
HSL	46°, 80%, 78%
HSV	46°, 36%, 96%
XYZ	69.9671, 74.9447, 42.2160
YIQ	222.2280, 33.7480, -16.9080

Conversions

Conversions Part 2

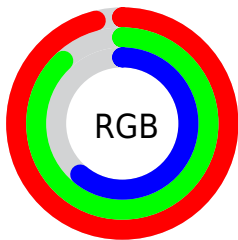
Format	Color
R_{YB}	182, 244, 156
Decimal	16048284
CIE _{Lab}	89.37, -2.71, 35.83
CIE _{LCh}	89, 35.932, 94.319
Yxy	74.9447, 0.3739, 0.4005
Android (android.graphics.Color)	4294238364 (0xFFFF4E09C)
YUV	222.2280, -32.6504, 19.0940
Hunter-Lab	86.5706, -7.2333, 31.6867

Details

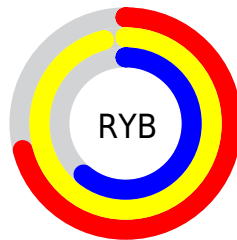
The Yxy color **74.9447, 0.3739, 0.4005** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.6426, 0.2503, 0.2453**, and the grayscale version is **73.4355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **39.9402, 0.3874, 0.4162** is the 20% darker color. If you saturate the color by 10%, you get **71.2696, 0.3924, 0.4197**, and if you desaturate by 10%, it is **78.8900, 0.3557, 0.3804**.

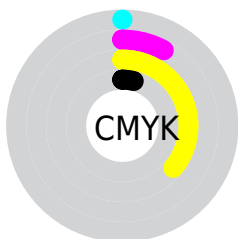
Distribution



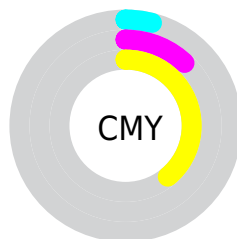
- Red (96%)
- Green (88%)
- Blue (61%)



- Red (71%)
- Yellow (96%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (36%)
- Black (4%)



- Cyan (4%)
- Magenta (12%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9447, 0.3739, 0.4005 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 74.9447, 0.3739, 0.4005 by changing the saturation by 10% instead.


 74.9447, 0.3739,
0.4005


 74.9447, 0.3739,
0.4005


477.7275, 0.3463,
0.3679

 55.5676, 0.3799,
0.4077


 126.2341, 0.3645,
0.3893

 39.8563, 0.3872,
0.4165


 158.9151, 0.3608,
0.3850

 27.4266, 0.3960,
0.4272


196.7996, 0.3576,
0.3811

 17.8938, 0.4070,
0.4407

240.2720, 0.3548,
0.3778

 10.8738, 0.4206,
0.4579

289.7165, 0.3523,
0.3749

 5.9820, 0.4372,
0.4797

345.5177, 0.3501,

 2.8342, 0.4739,

0.3723

0.5261

408.0599, 0.3481,
0.3700

■ 1.0458, 0.4685,
0.5315

■ 0.0000, 0.0000,
0.0000

■ 74.9447, 0.3739,
0.4005

■ 74.9447, 0.3739,
0.4005

■ 71.2696, 0.3924,
0.4197

■ 78.8900, 0.3557,
0.3804

■ 67.8435, 0.4105,
0.4369

■ 83.1052, 0.3383,
0.3602

■ 64.6578, 0.4275,
0.4512

■ 87.6033, 0.3220,
0.3406

■ 61.6991, 0.4425,
0.4615

■ 92.3929, 0.3070,
0.3218

■ 58.9516, 0.4548,
0.4671

■ 95.9130, 0.3060,
0.3258

■ 56.3964, 0.4640,
0.4678

■ 97.9764, 0.3060,
0.3290

■ 55.4365, 0.4671,
0.4673

Harmonies

Analogous

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



74.9447, 0.3960, 0.3765



74.9447, 0.3739, 0.4005



74.9447, 0.3360, 0.4054

Triad

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



74.9447, 0.3739, 0.4005



74.9447, 0.2372, 0.3057



74.9447, 0.3281, 0.2807

Complementary

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



74.9447, 0.3739, 0.4005



44.6426, 0.2503, 0.2453

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.



74.9447, 0.2853, 0.2633



74.9447, 0.3739, 0.4005



74.9447, 0.2354, 0.2749

Square

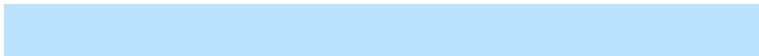
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9447, 0.3739, 0.4005



74.9447, 0.2578, 0.3471



74.9447, 0.2522, 0.2607



74.9447, 0.3690, 0.3092

Rectangle

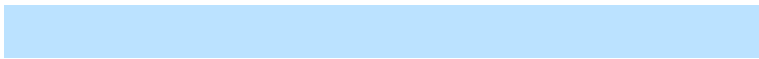
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9447, 0.3739, 0.4005



74.9447, 0.3075, 0.3949



74.9447, 0.2522, 0.2607



74.9447, 0.3133, 0.2735

Sweetspot

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



74.9481, 0.3739, 0.4005



94.3221, 0.3299, 0.3502



46.1580, 0.3793, 0.3067



20.0448, 0.3321, 0.3529



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.



74.9481, 0.3739, 0.4005



79.9497, 0.3869, 0.4141



82.4114, 0.3503, 0.4244



18.6372, 0.3274, 0.3472



30.3538, 0.4662, 0.4680



2.8202, 0.4591, 0.4737

Inverse Universe

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



44.6426, 0.2503, 0.2453



42.1248, 0.2368, 0.2256



39.9367, 0.2640, 0.2248



16.5378, 0.2979, 0.3101



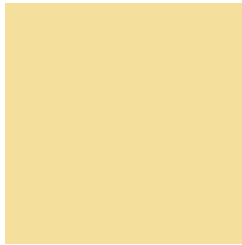
5.2301, 0.1568, 0.0844



0.6086, 0.1630, 0.1068

Previews

White Background



This preview shows how the Yxy color 74.9447, 0.3739, 0.4005 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 74.9447, 0.3739, 0.4005 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 74.9447, 0.3739, 0.4005

Background



This preview shows how black text looks on a background with the Yxy color 74.9447, 0.3739, 0.4005.



This preview shows how white text looks on a background with the Yxy color 74.9447, 0.3739, 0.4005.

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

74.9447, 0.3739, 0.4005

Protanopia

74.7663, 0.3731, 0.4007

Deuteranopia

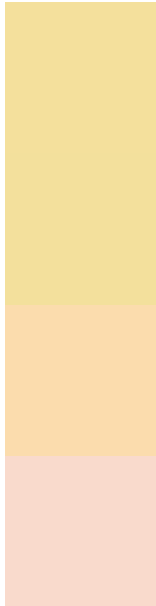
74.7802, 0.3659, 0.3661



Tritanopia

74.5581, 0.3289, 0.3119

Trichromacy



Original Color

74.9447, 0.3739, 0.4005

Protanomaly

74.7663, 0.3731, 0.4007

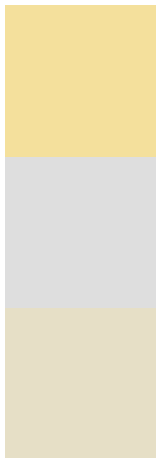
Deuteranomaly

74.7128, 0.3688, 0.3778

Tritanomaly

74.6422, 0.3454, 0.3436

Monochromacy



Original Color

74.9447, 0.3739, 0.4005

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.6756, 0.3345, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9447, 0.3739, 0.4005 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(244, 224, 156)` looks like.

```
.text, #text, p{  
    color:rgb(244, 224, 156)  
}
```

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(244, 224, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 224, 156) }
```

Border

The CSS property to change the border of an element to Yxy 74.9447, 0.3739, 0.4005 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(244, 224, 156) }
```

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

```
.border{ border-color:rgb(244, 224, 156) }
```

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

Here you see how a box with a 4 pixel rgb(244, 224, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 224, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 224, 156);  
box-shadow:4px 4px 4px 4px rgb(244, 224,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9447, 0.3739, 0.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 224, 156) }
```

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

```
.background{ background-color: rgb(244,  
224, 156) }
```

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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