

Converting Colors

$Y_{xy}(75.7702, 0.3885, 0.4304)$

Have a look what the booklet for
Yxy(75.7702, 0.3885, 0.4304)
contains.

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Color

Yxy(75.5778, 0.3892, 0.4301)

Conversions

Conversions Part 1

Format	Color
Hex	F3E381
RGB	243, 227, 129
RGB Percent	95%, 89%, 51%
CMY	0.0471, 0.1098, 0.4941
CMYK	0.00, 0.07, 0.47, 0.05
HSL	52°, 83%, 73%
HSV	52°, 47%, 95%
XYZ	68.3908, 75.5778, 31.7529
YIQ	220.6120, 40.9940, -27.0860

Conversions

Conversions Part 2

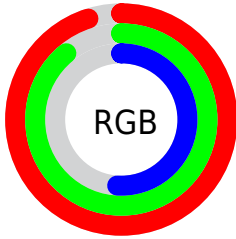
Format	Color
R_{YB}	148, 243, 129
Decimal	15983489
CIE _{Lab}	89.66, -7.40, 49.55
CIE _{LCh}	90, 50.098, 98.491
Yxy	75.5778, 0.3892, 0.4301
Android (android.graphics.Color)	4294173569 (0xFF3E381)
YUV	220.6120, -45.1647, 19.6343
Hunter-Lab	86.9355, -11.7140, 39.1994

Details

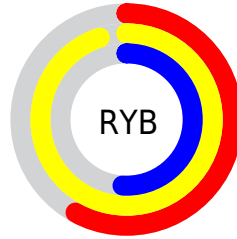
The Yxy color **75.5778, 0.3892, 0.4301** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **31.3833, 0.2270, 0.2015**, and the grayscale version is **72.3224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2407, 0.3550, 0.3988**, and **40.3552, 0.4040, 0.4516** is the 20% darker color. If you saturate the color by 10%, you get **73.1650, 0.4048, 0.4485**, and if you desaturate by 10%, it is **78.1881, 0.3726, 0.4095**.

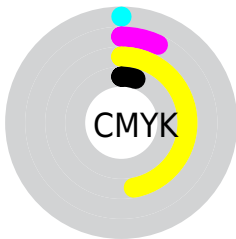
Distribution



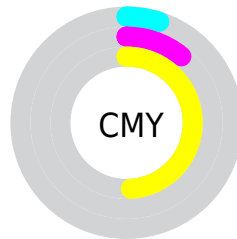
- Red (95%)
- Green (89%)
- Blue (51%)



- Red (58%)
- Yellow (95%)
- Blue (51%)



- Cyan (0%)
- Magenta (7%)
- Yellow (47%)
- Black (5%)




- Cyan (5%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5778, 0.3892, 0.4301 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 75.5778, 0.3892, 0.4301 by changing the saturation by 10% instead.


 75.5778, 0.3892,
0.4301

 75.5778, 0.3892,
0.4301


479.9012, 0.3558,
0.3844

 56.0864, 0.3960,
0.4399


 127.1299, 0.3782,
0.4146

 40.2722, 0.4040,
0.4517


 159.9594, 0.3737,
0.4085

 27.7508, 0.4133,
0.4658


 198.0037, 0.3698,
0.4032

 18.1379, 0.4238,
0.4827

241.6472, 0.3663,
0.3985

 11.0490, 0.4351,
0.5029

291.2743, 0.3633,
0.3943

 6.0998, 0.4542,
0.5360


347.2694, 0.3605,

 2.9059, 0.4505,

0.3906

0.5495


410.0169, 0.3580,
0.3873


 1.0828, 0.4357,
0.5643


 0.0000, 0.0000,
0.0000


 75.5778, 0.3892,
0.4301

 75.5778, 0.3892,
0.4301


 73.1650, 0.4048,
0.4485


 78.1881, 0.3726,
0.4095

 70.9280, 0.4188,
0.4637


 80.9955, 0.3557,
0.3876


 68.8574, 0.4304,
0.4747


 84.0130, 0.3391,
0.3654

 66.9383, 0.4393,
0.4812


 87.2491, 0.3232,
0.3436


 65.1518, 0.4453,
0.4833


 90.7121, 0.3082,
0.3226

 64.6173, 0.4469,
0.4834

 93.0679, 0.3055,
0.3216

 95.1754, 0.3054,
0.3249

 97.3211, 0.3054,
0.3283

 97.7926, 0.3053,
0.3290

Harmonies

Analogous

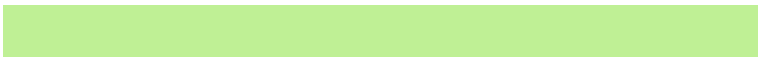
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5778, 0.4249, 0.3970



75.5778, 0.3892, 0.4301



75.5778, 0.3348, 0.4358

Triad

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



75.5778, 0.3892, 0.4301



75.5778, 0.2088, 0.2878



75.5778, 0.3417, 0.2684

Complementary

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



75.5778, 0.3892, 0.4301



31.3833, 0.2270, 0.2015

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.



75.5778, 0.2818, 0.2431



75.5778, 0.3892, 0.4301



75.5778, 0.2102, 0.2502

Square

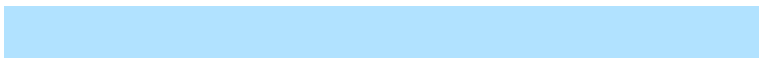
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5778, 0.3892, 0.4301



75.5778, 0.2320, 0.3449



75.5778, 0.2354, 0.2359



75.5778, 0.3978, 0.3070

Rectangle

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



75.5778, 0.3892, 0.4301



75.5778, 0.2958, 0.4182



75.5778, 0.2354, 0.2359



75.5778, 0.3212, 0.2582

Sweetspot

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



75.5813, 0.3892, 0.4301



94.7588, 0.3344, 0.3591



36.8328, 0.4218, 0.3107



20.1188, 0.3379, 0.3639



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.



75.5813, 0.3892, 0.4301



81.8409, 0.4037, 0.4472



78.3889, 0.3532, 0.4564



18.8942, 0.3272, 0.3492



35.6188, 0.4464, 0.4838



3.2372, 0.4425, 0.4869

Inverse Universe

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



31.3833, 0.2270, 0.2015



27.2395, 0.2086, 0.1720



30.5959, 0.2530, 0.1918



16.3013, 0.2979, 0.3080



4.2945, 0.1531, 0.0711



0.4906, 0.1581, 0.0892

Previews

White Background



This preview shows how the Yxy color 75.5778, 0.3892, 0.4301 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 75.5778, 0.3892, 0.4301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

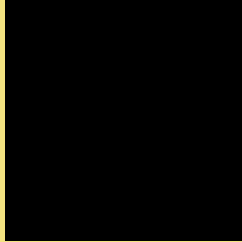
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5778, 0.3892, 0.4301

Background



This preview shows how black text looks on a background with the Yxy color 75.5778, 0.3892, 0.4301.

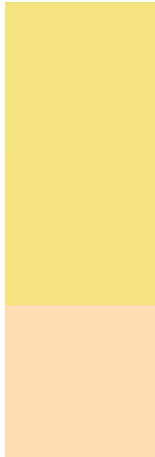


This preview shows how white text looks on a background with the Yxy color 75.5778, 0.3892, 0.4301.

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

75.5778, 0.3892, 0.4301

Protanopia

75.7254, 0.3934, 0.4289

Deuteranopia

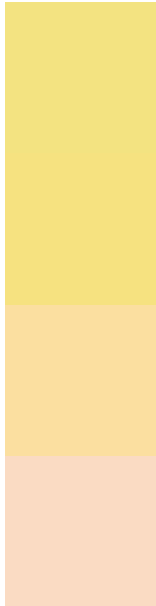
75.6608, 0.3683, 0.3721



Tritanopia

75.4979, 0.3296, 0.3120

Trichromacy



Original Color

75.5778, 0.3892, 0.4301

Protanomaly

75.5441, 0.3926, 0.4292

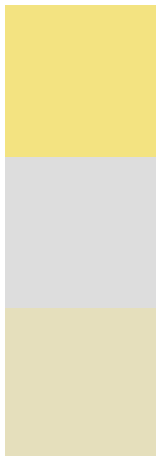
Deuteranomaly

75.8226, 0.3769, 0.3941

Tritanomaly

74.9272, 0.3524, 0.3539

Monochromacy



Original Color

75.5778, 0.3892, 0.4301

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0642, 0.3407, 0.3672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5778, 0.3892, 0.4301 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(243, 227, 129)` looks like.

```
.text, #text, p{  
    color:rgb(243, 227, 129)  
}
```

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(243, 227, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 227, 129) }
```

Border

The CSS property to change the border of an element to Yxy 75.5778, 0.3892, 0.4301 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(243, 227, 129) }
```

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

```
.border{ border-color:rgb(243, 227, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 227, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 227, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 227, 129); box-shadow:4px 4px 4px 4px rgb(243, 227, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5778, 0.3892, 0.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 227, 129) }
```

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

```
.background{ background-color: rgb(243,  
227, 129) }
```

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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