

Converting Colors

$Y_{xy}(75.1880, 0.3853, 0.4147)$

Have a look what the booklet for
Yxy(75.1880, 0.3853, 0.4147)
contains.

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Color

Yxy(75.0385, 0.3855, 0.4138)

Conversions

Conversions Part 1

Format	Color
Hex	F7E08E
RGB	247, 224, 142
RGB Percent	97%, 88%, 56%
CMY	0.0312, 0.1216, 0.4431
CMYK	0.00, 0.09, 0.43, 0.03
HSL	47°, 87%, 76%
HSV	47°, 43%, 97%
XYZ	69.9066, 75.0385, 36.3949
YIQ	221.5290, 40.0300, -20.6260

Conversions

Conversions Part 2

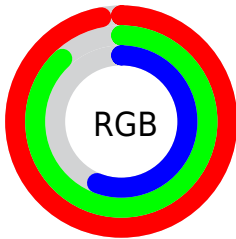
Format	Color
R _Y B	171, 247, 142
Decimal	16244878
CIE Lab	89.41, -3.03, 42.94
CIE LCh	89, 43.049, 94.030
Yxy	75.0385, 0.3855, 0.4138
Android (android.graphics.Color)	4294434958 (0xFF7E08E)
YUV	221.5290, -39.2078, 22.3381
Hunter-Lab	86.6248, -7.5430, 35.7270

Details

The Yxy color **75.0385, 0.3855, 0.4138** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **39.4011, 0.2377, 0.2261**, and the grayscale version is **72.9634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **39.9329, 0.4007, 0.4323** is the 20% darker color. If you saturate the color by 10%, you get **71.5129, 0.4037, 0.4320**, and if you desaturate by 10%, it is **78.8284, 0.3672, 0.3940**.

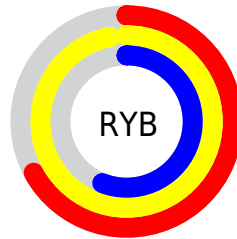
Distribution



Red (97%)

Green (88%)

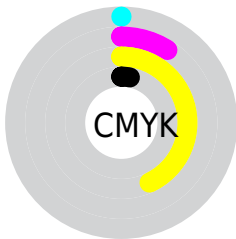
Blue (56%)



Red (67%)

Yellow (97%)

Blue (56%)

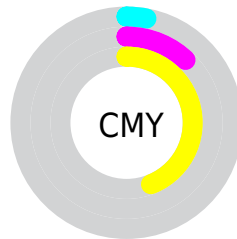


Cyan (0%)

Magenta (9%)

Yellow (43%)

Black (3%)



Cyan (3%)


Magenta (12%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0385, 0.3855, 0.4138 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 75.0385, 0.3855, 0.4138 by changing the saturation by 10% instead.


 75.0385, 0.3855,
0.4138


 75.0385, 0.3855,
0.4138


478.0499, 0.3530,
0.3754

 55.6444, 0.3924,
0.4221


 126.3669, 0.3746,
0.4008

 39.9179, 0.4007,
0.4321


 159.0699, 0.3702,
0.3956

 27.4745, 0.4105,
0.4442


196.9781, 0.3664,
0.3912

 17.9299, 0.4224,
0.4590

240.4759, 0.3631,
0.3872

 10.8997, 0.4364,
0.4770

289.9475, 0.3601,
0.3838

 5.9994, 0.4541,
0.5006

345.7775, 0.3575,

 2.8447, 0.4723,

0.3807

0.5277

408.3501, 0.3551,
0.3779

■ 1.0512, 0.4663,
0.5337

■ 0.0000, 0.0000,
0.0000

■ 75.0385, 0.3855,
0.4138

■ 75.0385, 0.3855,
0.4138

■ 71.5129, 0.4037,
0.4320

■ 78.8284, 0.3672,
0.3940

■ 68.2293, 0.4209,
0.4476

■ 82.8830, 0.3493,
0.3737

■ 65.1779, 0.4364,
0.4595

■ 87.2157, 0.3323,
0.3534

■ 62.3438, 0.4494,
0.4669

■ 91.8360, 0.3165,
0.3338

■ 59.7088, 0.4594,
0.4695

■ 96.0555, 0.3079,
0.3252

■ 57.8466, 0.4652,
0.4688

■ 98.5211, 0.3078,
0.3290

Harmonies

Analogous

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



75.0385, 0.4123, 0.3839



75.0385, 0.3855, 0.4138



75.0385, 0.3402, 0.4215

Triad

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



75.0385, 0.3855, 0.4138



75.0385, 0.2236, 0.3007



75.0385, 0.3302, 0.2718

Complementary

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



75.0385, 0.3855, 0.4138



39.4011, 0.2377, 0.2261

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.



75.0385, 0.2793, 0.2516



75.0385, 0.3855, 0.4138



75.0385, 0.2214, 0.2645

Square

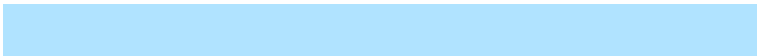
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0385, 0.3855, 0.4138



75.0385, 0.2476, 0.3509



75.0385, 0.2408, 0.2483



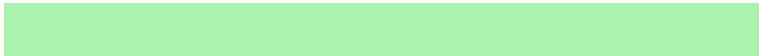
75.0385, 0.3798, 0.3047

Rectangle

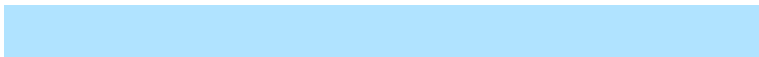
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.0385, 0.3855, 0.4138



75.0385, 0.3063, 0.4094



75.0385, 0.2408, 0.2483



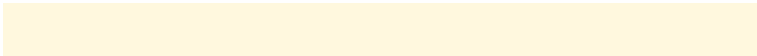
75.0385, 0.3125, 0.2635

Sweetspot

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



75.0420, 0.3855, 0.4138



93.4924, 0.3332, 0.3544



41.9033, 0.3972, 0.3028



19.7860, 0.3368, 0.3589



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.



75.0420, 0.3855, 0.4138



77.3847, 0.4011, 0.4295



83.5631, 0.3563, 0.4419



18.6604, 0.3274, 0.3474



30.8017, 0.4643, 0.4695



2.8560, 0.4575, 0.4749

Inverse Universe

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



39.4011, 0.2377, 0.2261



34.5182, 0.2211, 0.2010



34.6160, 0.2531, 0.2035



16.5162, 0.2979, 0.3100



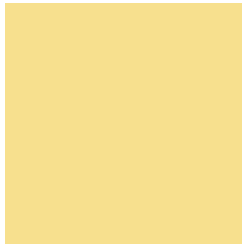
5.1268, 0.1564, 0.0829



0.5967, 0.1625, 0.1051

Previews

White Background



This preview shows how the Yxy color 75.0385, 0.3855, 0.4138 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 75.0385, 0.3855, 0.4138 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 75.0385, 0.3855, 0.4138

Background



This preview shows how black text looks on a background with the Yxy color 75.0385, 0.3855, 0.4138.

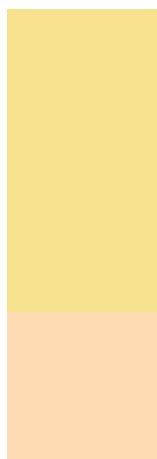


This preview shows how white text looks on a background with the Yxy color 75.0385, 0.3855, 0.4138.

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

75.0385, 0.3855, 0.4138

Protanopia

75.2159, 0.3835, 0.4153

Deuteranopia

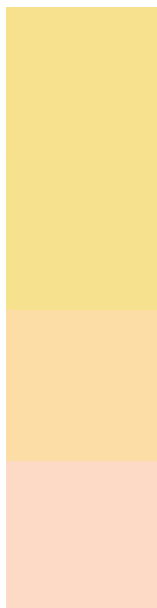
75.1777, 0.3678, 0.3701



Tritanopia

75.0663, 0.3318, 0.3130

Trichromacy



Original Color

75.0385, 0.3855, 0.4138

Protanomaly

75.3963, 0.3843, 0.4150

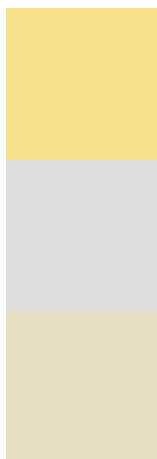
Deuteranomaly

75.1615, 0.3742, 0.3859

Tritanomaly

74.9155, 0.3520, 0.3497

Monochromacy



Original Color

75.0385, 0.3855, 0.4138

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.6145, 0.3387, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0385, 0.3855, 0.4138 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(247, 224, 142)` looks like.

```
.text, #text, p{  
    color:rgb(247, 224, 142)  
}
```

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(247, 224, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 224, 142) }
```

Border

The CSS property to change the border of an element to Yxy 75.0385, 0.3855, 0.4138 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(247, 224, 142) }
```

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

```
.border{ border-color:rgb(247, 224, 142) }
```

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

Here you see how a box with a 4 pixel rgb(247, 224, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 224, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 224, 142);  
box-shadow:4px 4px 4px 4px rgb(247, 224,  
142) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.0385, 0.3855, 0.4138$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 224, 142) }
```

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

```
.background{ background-color: rgb(247,  
224, 142) }
```

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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