

Converting Colors

$Y_{xy}(88.6591, 0.4403, 0.3980)$

Have a look what the booklet for
Yxy(88.6591, 0.4403, 0.3980)
contains.

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Color

Yxy(75.3375, 0.3951, 0.4138)

Conversions

Conversions Part 1	
Format	Color
Hex	FFDE8A
RGB	255, 222, 138
RGB Percent	100%, 87%, 54%
CMY	0.0002, 0.1293, 0.4588
CMYK	0.00, 0.13, 0.46, 0.00
HSL	43°, 100%, 77%
HSV	43°, 46%, 100%
XYZ	71.9329, 75.3375, 34.7922
YIQ	222.2910, 46.6320, -19.1280

Conversions

Conversions Part 2

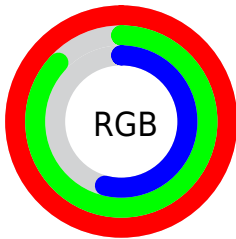
Format	Color
RYB	184, 255, 138
Decimal	16768650
CIELab	89.55, 0.69, 45.25
CIELCh	90, 45.257, 89.125
Yxy	75.3375, 0.3951, 0.4138
Android (android.graphics.Color)	4294958730 (0xFFFFDE8A)
YUV	222.2910, -41.5555, 28.6858
Hunter-Lab	86.7972, -3.9637, 36.9920

Details

The Yxy color $75.3375, 0.3951, 0.4138$ is a light color, and the websafe version is hex `FFCC66`. A complement of this color would be $41.7115, 0.2326, 0.2253$, and the grayscale version is $73.5361, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.6303, 0.3496, 0.3900$, and $40.0451, 0.4122, 0.4314$ is the 20% darker color. If you saturate the color by 10%, you get $70.9555, 0.4149, 0.4302$, and if you desaturate by 10%, it is $80.0621, 0.3754, 0.3957$.

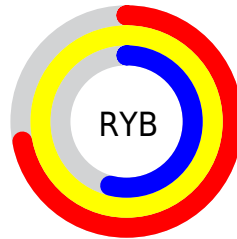
Distribution



Red (100%)

Green (87%)

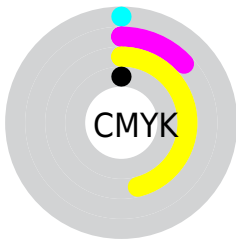
Blue (54%)



Red (72%)

Yellow (100%)

Blue (54%)

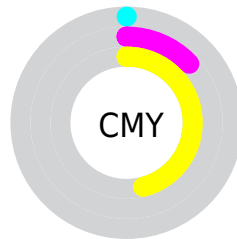


Cyan (0%)

Magenta (13%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3375, 0.3951, 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 75.3375, 0.3951, 0.4138 by changing the saturation by 10% instead.


 75.3375, 0.3951,
0.4138


 75.3375, 0.3951,
0.4138


479.0768, 0.3583,
0.3760


 55.8894, 0.4029,
0.4218


 126.7900, 0.3827,
0.4011

 40.1143, 0.4123,
0.4313


 159.5632, 0.3778,
0.3961

 27.6277, 0.4234,
0.4426


 197.5469, 0.3735,
0.3917

 18.0452, 0.4368,
0.4562

241.1255, 0.3697,
0.3878

 10.9824, 0.4525,
0.4720

290.6834, 0.3664,
0.3843

 6.0550, 0.4740,
0.4935


346.6050, 0.3634,


 2.8786, 0.4907,


0.3813


0.5093


409.2747, 0.3607,
0.3785


 1.0687, 0.4920,
0.5080


 0.0000, 0.0000,
0.0000


 75.3375, 0.3951,
0.4138


 75.3375, 0.3951,
0.4138


 70.9555, 0.4149,
0.4302


 80.0621, 0.3754,
0.3957

 66.8913, 0.4338,
0.4436

 85.1317, 0.3563,
0.3768

 63.1323, 0.4510,
0.4531

 90.5621, 0.3383,
0.3578

 59.6603, 0.4656,
0.4578

 96.3645, 0.3218,
0.3394

56.4528, 0.4770, 99.9893, 0.3127,
0.4574 0.3290

55.1934, 0.4810,
0.4563

Harmonies

Analogous

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



75.3375, 0.4191, 0.3797



75.3375, 0.3951, 0.4138



75.3375, 0.3498, 0.4271

Triad

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



75.3375, 0.3951, 0.4138



75.3375, 0.2221, 0.3070



75.3375, 0.3218, 0.2648

Complementary

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



75.3375, 0.3951, 0.4138



41.7115, 0.2326, 0.2253

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.



75.3375, 0.2698, 0.2464



75.3375, 0.3951, 0.4138



75.3375, 0.2161, 0.2661

Square

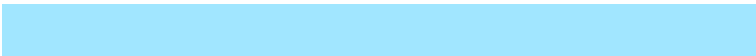
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3375, 0.3951, 0.4138



75.3375, 0.2505, 0.3609



75.3375, 0.2327, 0.2459



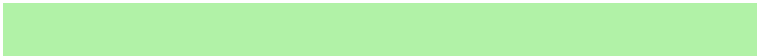
75.3375, 0.3755, 0.2972

Rectangle

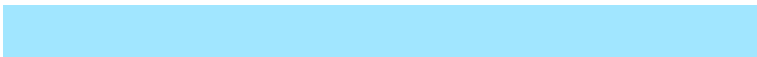
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3375, 0.3951, 0.4138



75.3375, 0.3144, 0.4183



75.3375, 0.2327, 0.2459



75.3375, 0.3035, 0.2569

Sweetspot

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



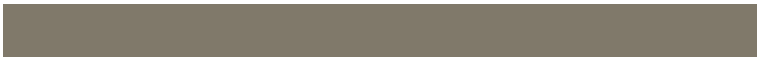
75.3410, 0.3951, 0.4138



91.6660, 0.3351, 0.3543



42.3700, 0.4011, 0.2947



19.3595, 0.3388, 0.3583



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.



75.3410, 0.3951, 0.4138



71.3608, 0.4132, 0.4288



90.0765, 0.3633, 0.4493



20.1757, 0.3276, 0.3460



29.1199, 0.4798, 0.4573



3.0206, 0.4712, 0.4640

Inverse Universe

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



41.7115, 0.2326, 0.2253



34.0334, 0.2158, 0.2002



33.2136, 0.2428, 0.1906



18.2101, 0.2979, 0.3114



6.3951, 0.1598, 0.0951



0.7981, 0.1658, 0.1167

Previews

White Background



This preview shows how the Yxy color 75.3375, 0.3951, 0.4138 looks on a white background.

Color Contrast Check

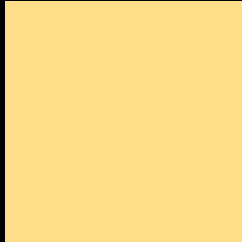
Large Text (above 18pt) WCAG AA × Fail

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 75.3375, 0.3951, 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 75.3375, 0.3951, 0.4138

Background



This preview shows how black text looks on a background with the Yxy color 75.3375, 0.3951, 0.4138.



This preview shows how white text looks on a background with the Yxy color 75.3375, 0.3951, 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

75.3375, 0.3951, 0.4138

Protanopia

75.3073, 0.3862, 0.4179

Deuteranopia

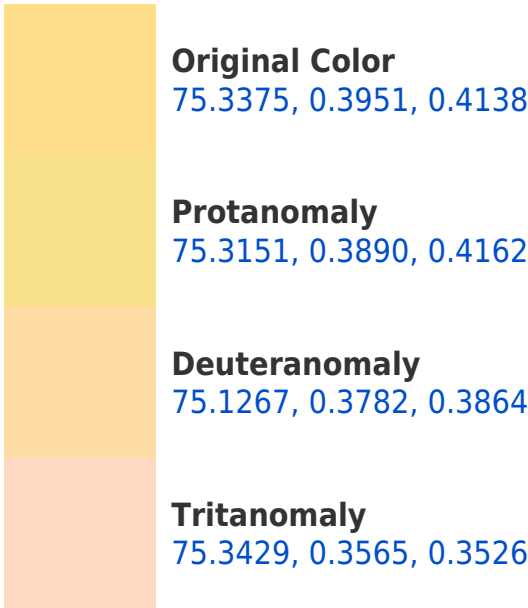
75.1777, 0.3678, 0.3701



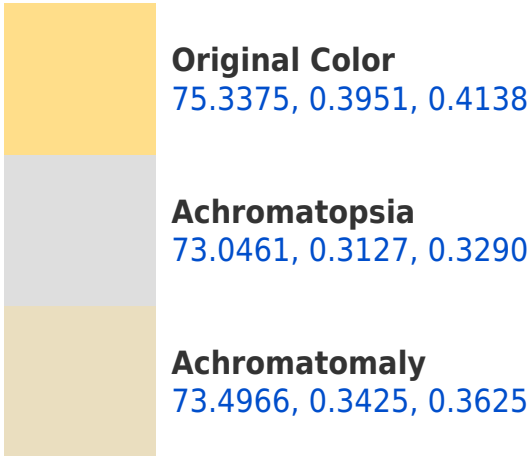
Tritanopia

75.4069, 0.3338, 0.3170

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3375, 0.3951, 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(255, 222, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 138)  
}
```

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(255, 222, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 138) }
```

Border

The CSS property to change the border of an element to Yxy 75.3375, 0.3951, 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(255, 222, 138) }
```

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

```
.border{ border-color:rgb(255, 222, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3375, 0.3951, 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(255, 222, 138) }
```

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

```
.background{ background-color: rgb(255,  
222, 138) }
```

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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