

Converting Colors

$Y_{xy}(75.1360, 0.3834, 0.3974)$

Have a look what the booklet for
Yxy(75.1360, 0.3834, 0.3974)
contains.

Yxy(75.1168, 0.3841, 0.3976)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.1168, 0.3841, 0.3976)

Conversions

Conversions Part 1

Format	Color
Hex	FEDD9A
RGB	254, 221, 154
RGB Percent	100%, 87%, 60%
CMY	0.0039, 0.1333, 0.3961
CMYK	0.00, 0.13, 0.39, 0.00
HSL	40°, 98%, 80%
HSV	40°, 39%, 100%
XYZ	72.5663, 75.1168, 41.2424
YIQ	223.2290, 41.1750, -13.8410

Conversions

Conversions Part 2

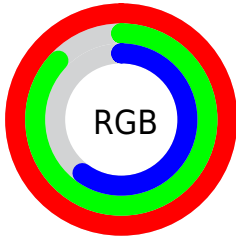
Format	Color
RYB	203, 254, 154
Decimal	16702874
CIELab	89.45, 2.47, 37.10
CIElCh	89, 37.181, 86.192
Yxy	75.1168, 0.3841, 0.3976
Android (android.graphics.Color)	4294892954 (0xFFFE9999)
YUV	223.2290, -34.1299, 26.9862
Hunter-Lab	86.6699, -2.2194, 32.4554

Details

The Yxy color **75.1168, 0.3841, 0.3976** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.5711, 0.2458, 0.2487**, and the grayscale version is **74.1914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **39.9675, 0.4000, 0.4120** is the 20% darker color. If you saturate the color by 10%, you get **70.0438, 0.4052, 0.4142**, and if you desaturate by 10%, it is **80.5970, 0.3639, 0.3799**.

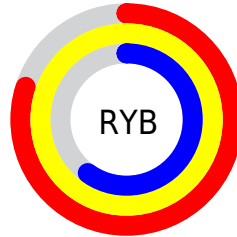
Distribution



Red (100%)

Green (87%)

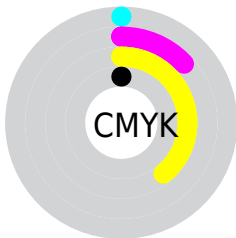
Blue (60%)



Red (80%)

Yellow (100%)

Blue (60%)

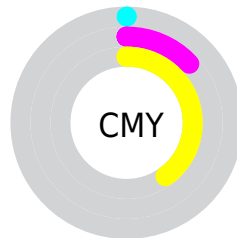


Cyan (0%)

Magenta (13%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1168, 0.3841, 0.3976 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 75.1168, 0.3841, 0.3976 by changing the saturation by 10% instead.


 75.1168, 0.3841,
0.3976


 75.1168, 0.3841,
0.3976


478.3189, 0.3517,
0.3668

 55.7086, 0.3912,
0.4043


 126.4777, 0.3731,
0.3872

 39.9693, 0.3998,
0.4122


 159.1991, 0.3687,
0.3831

 27.5146, 0.4103,
0.4219


197.1271, 0.3649,
0.3795

 17.9601, 0.4233,
0.4339

240.6461, 0.3616,
0.3763

 10.9213, 0.4396,
0.4485

290.1403, 0.3587,
0.3735

 6.0140, 0.4599,
0.4660

345.9943, 0.3561,

 2.8536, 0.4993,

0.3710

0.5007

408.5923, 0.3538,
0.3688

■ 1.0558, 0.5040,
0.4960

■ 0.0000, 1.0000,
0.0000

■ 75.1168, 0.3841,
0.3976

■ 75.1168, 0.3841,
0.3976

■ 70.0438, 0.4052,
0.4142

■ 80.5970, 0.3639,
0.3799

■ 65.3530, 0.4264,
0.4288

■ 86.4874, 0.3449,
0.3621

■ 61.0318, 0.4468,
0.4401

■ 92.8043, 0.3275,
0.3446

■ 57.0625, 0.4653,
0.4471

99.5207, 0.3121,
0.3286

■ 53.4243, 0.4809, 99.8140, 0.3121,
0.4491 0.3290

■ 50.0874, 0.4934,
0.4461

■ 49.8873, 0.4941,
0.4459

Harmonies

Analogous

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



75.1168, 0.4010, 0.3691



75.1168, 0.3841, 0.3976



75.1168, 0.3483, 0.4092

Triad

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



75.1168, 0.3841, 0.3976



75.1168, 0.2387, 0.3157



75.1168, 0.3161, 0.2731

Complementary

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



75.1168, 0.3841, 0.3976



49.5711, 0.2458, 0.2487

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.



75.1168, 0.2737, 0.2589



75.1168, 0.3841, 0.3976



75.1168, 0.2315, 0.2801

Square

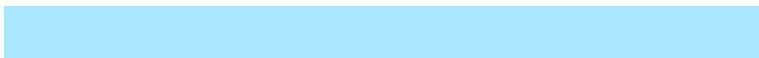
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1168, 0.3841, 0.3976



75.1168, 0.2647, 0.3595



75.1168, 0.2438, 0.2607



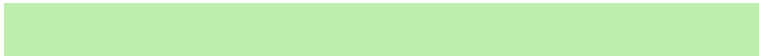
75.1168, 0.3605, 0.2997

Rectangle

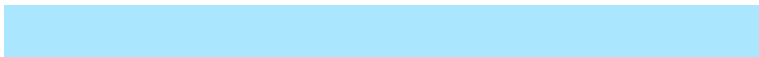
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1168, 0.3841, 0.3976



75.1168, 0.3192, 0.4031



75.1168, 0.2438, 0.2607



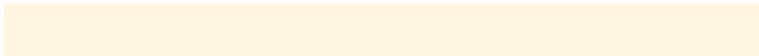
75.1168, 0.3011, 0.2668

Sweetspot

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



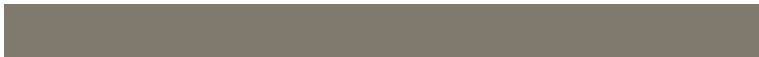
75.1203, 0.3841, 0.3976



91.9075, 0.3319, 0.3492



47.7854, 0.3783, 0.2942



19.4917, 0.3342, 0.3514



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.



75.1203, 0.3841, 0.3976



71.8385, 0.4001, 0.4104



91.2915, 0.3604, 0.4311



20.0209, 0.3277, 0.3449



26.5788, 0.4926, 0.4471



2.7882, 0.4821, 0.4554

Inverse Universe

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



49.5711, 0.2458, 0.2487



42.9308, 0.2319, 0.2297



38.8862, 0.2510, 0.2114



18.3571, 0.2979, 0.3126



7.3419, 0.1630, 0.1067



0.9052, 0.1692, 0.1290

Previews

White Background



This preview shows how the Yxy color 75.1168, 0.3841, 0.3976 looks on a white background.

Color Contrast Check

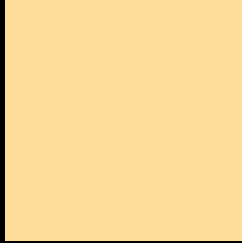
Large Text (above 18pt) WCAG AA × Fail

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 75.1168, 0.3841, 0.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

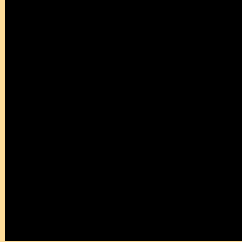
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1168, 0.3841, 0.3976

Background



This preview shows how black text looks on a background with the Yxy color 75.1168, 0.3841, 0.3976.



This preview shows how white text looks on a background with the Yxy color 75.1168, 0.3841, 0.3976.

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

75.1168, 0.3841, 0.3976

Protanopia

75.3054, 0.3727, 0.4016

Deuteranopia

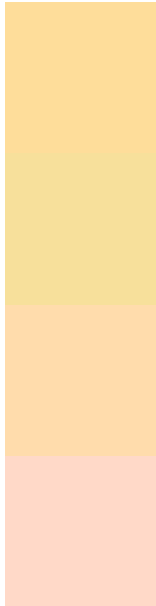
75.3004, 0.3657, 0.3670



Tritanopia

74.8992, 0.3340, 0.3160

Trichromacy



Original Color

75.1168, 0.3841, 0.3976

Protanomaly

75.4520, 0.3769, 0.4009

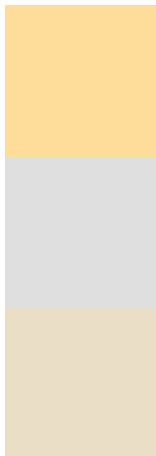
Deuteranomaly

75.4250, 0.3726, 0.3783

Tritanomaly

75.0558, 0.3530, 0.3465

Monochromacy



Original Color

75.1168, 0.3841, 0.3976

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8122, 0.3377, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1168, 0.3841, 0.3976 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(254, 221, 154)` looks like.

```
.text, #text, p{  
    color:rgb(254, 221, 154)  
}
```

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(254, 221, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 221, 154) }
```

Border

The CSS property to change the border of an element to Yxy 75.1168, 0.3841, 0.3976 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(254, 221, 154) }
```

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

```
.border{ border-color:rgb(254, 221, 154) }
```

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

Here you see how a box with a 4 pixel rgb(254, 221, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 221, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 221, 154);  
box-shadow:4px 4px 4px 4px rgb(254, 221,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1168, 0.3841, 0.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 221, 154) }
```

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

```
.background{ background-color: rgb(254,  
221, 154) }
```

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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