

Converting Colors

$Yxy(75.3685, 0.3877, 0.4143)$

Have a look what the booklet for
Yxy(75.3685, 0.3877, 0.4143)
contains.

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Color

Yxy(75.3741, 0.3877, 0.4143)

Conversions

Conversions Part 1

Format	Color
Hex	F9E08D
RGB	249, 224, 141
RGB Percent	98%, 88%, 55%
CMY	0.0234, 0.1216, 0.4471
CMYK	0.00, 0.10, 0.43, 0.02
HSL	46°, 90%, 76%
HSV	46°, 43%, 98%
XYZ	70.5347, 75.3741, 36.0224
YIQ	222.0130, 41.5430, -20.5130

Conversions

Conversions Part 2

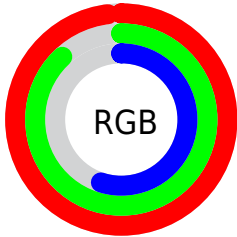
Format	Color
RYB	174, 249, 141
Decimal	16375949
CIELab	89.57, -2.35, 43.69
CIELCh	90, 43.752, 93.084
Yxy	75.3741, 0.3877, 0.4143
Android (android.graphics.Color)	4294566029 (0xFFF9E08D)
YUV	222.0130, -39.9394, 23.6676
Hunter-Lab	86.8183, -6.9112, 36.1723

Details

The Yxy color **75.3741, 0.3877, 0.4143** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **39.7756, 0.2362, 0.2252**, and the grayscale version is **73.3246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **40.1736, 0.4035, 0.4325** is the 20% darker color. If you saturate the color by 10%, you get **71.6702, 0.4061, 0.4321**, and if you desaturate by 10%, it is **79.3568, 0.3691, 0.3949**.

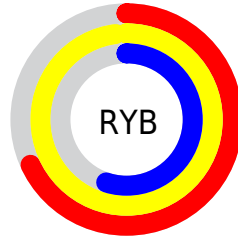
Distribution



Red (98%)

Green (88%)

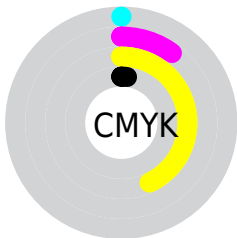
Blue (55%)



Red (68%)

Yellow (98%)

Blue (55%)

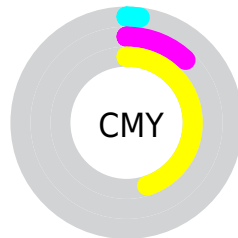


Cyan (0%)

Magenta (10%)

Yellow (43%)

Black (2%)



Cyan (2%)


Magenta (12%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3741, 0.3877, 0.4143 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 75.3741, 0.3877, 0.4143 by changing the saturation by 10% instead.


 75.3741, 0.3877,
0.4143

 75.3741, 0.3877,
0.4143


479.2024, 0.3543,
0.3759

 55.9194, 0.3948,
0.4226


 126.8418, 0.3765,
0.4013

 40.1383, 0.4033,
0.4325


 159.6236, 0.3720,
0.3961

 27.6464, 0.4134,
0.4445


197.6165, 0.3681,
0.3917

 18.0593, 0.4255,
0.4591

241.2050, 0.3646,
0.3877

 10.9926, 0.4398,
0.4766

290.7734, 0.3616,
0.3842

 6.0618, 0.4582,
0.4998

346.7062, 0.3589,

 2.8827, 0.4757,

0.3811

0.5243

409.3878, 0.3564,
0.3784

■ 1.0708, 0.4711,
0.5289

■ 0.0000, 0.0000,
0.0000

■ 75.3741, 0.3877,
0.4143

■ 75.3741, 0.3877,
0.4143

■ 71.6702, 0.4061,
0.4321

■ 79.3568, 0.3691,
0.3949

■ 68.2223, 0.4237,
0.4472

■ 83.6190, 0.3510,
0.3748

■ 65.0201, 0.4394,
0.4586

■ 88.1747, 0.3338,
0.3548

■ 62.0478, 0.4527,
0.4654

■ 93.0336, 0.3178,
0.3354

■ 59.2865, 0.4629,
0.4673

■ 97.5106, 0.3091,
0.3269

■ 57.5580, 0.4682,
0.4664

■ 98.8836, 0.3090,
0.3290

Harmonies

Analogous

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



75.3741, 0.4141, 0.3834



75.3741, 0.3877, 0.4143



75.3741, 0.3422, 0.4232

Triad

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



75.3741, 0.3877, 0.4143



75.3741, 0.2229, 0.3017



75.3741, 0.3287, 0.2702

Complementary

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



75.3741, 0.3877, 0.4143



39.7756, 0.2362, 0.2252

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.



75.3741, 0.2773, 0.2502



75.3741, 0.3877, 0.4143



75.3741, 0.2199, 0.2644

Square

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



75.3741, 0.3877, 0.4143



75.3741, 0.2478, 0.3529



75.3741, 0.2389, 0.2474



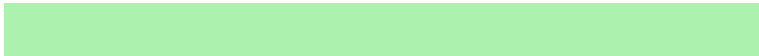
75.3741, 0.3794, 0.3032

Rectangle

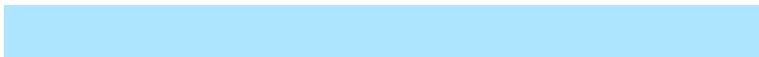
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3741, 0.3877, 0.4143



75.3741, 0.3077, 0.4116



75.3741, 0.2389, 0.2474



75.3741, 0.3108, 0.2619

Sweetspot

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



75.3776, 0.3877, 0.4143



93.2450, 0.3332, 0.3540



41.9483, 0.3999, 0.3023



19.7244, 0.3369, 0.3584



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.



75.3776, 0.3877, 0.4143



76.1429, 0.4037, 0.4299



84.9356, 0.3571, 0.4442



19.4691, 0.3275, 0.3471



31.0308, 0.4673, 0.4672



3.0336, 0.4603, 0.4727

Inverse Universe

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



39.7756, 0.2362, 0.2252



34.2050, 0.2196, 0.2001



34.4082, 0.2515, 0.2005



17.2952, 0.2979, 0.3102



5.4403, 0.1570, 0.0850



0.6578, 0.1629, 0.1064

Previews

White Background



This preview shows how the Yxy color 75.3741, 0.3877, 0.4143 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 75.3741, 0.3877, 0.4143 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 75.3741, 0.3877, 0.4143

Background



This preview shows how black text looks on a background with the Yxy color 75.3741, 0.3877, 0.4143.

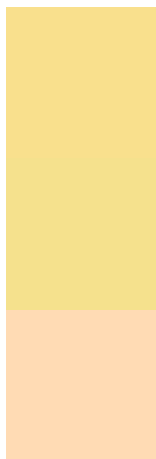


This preview shows how white text looks on a background with the Yxy color 75.3741, 0.3877, 0.4143.

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

75.3741, 0.3877, 0.4143

Protanopia

75.1860, 0.3842, 0.4162

Deuteranopia

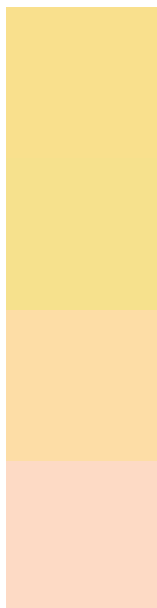
75.2183, 0.3671, 0.3691



Tritanopia

75.0103, 0.3325, 0.3140

Trichromacy



Original Color

75.3741, 0.3877, 0.4143

Protanomaly

75.3663, 0.3849, 0.4160

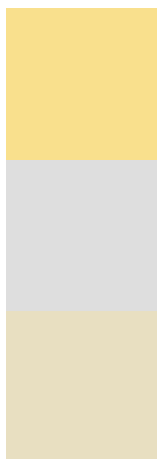
Deuteranomaly

75.3487, 0.3749, 0.3857

Tritanomaly

75.0567, 0.3535, 0.3507

Monochromacy



Original Color

75.3741, 0.3877, 0.4143

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.7814, 0.3395, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3741, 0.3877, 0.4143 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(249, 224, 141)` looks like.

```
.text, #text, p{  
    color:rgb(249, 224, 141)  
}
```

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(249, 224, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 224, 141) }
```

Border

The CSS property to change the border of an element to Yxy 75.3741, 0.3877, 0.4143 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(249, 224, 141) }
```

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

```
.border{ border-color:rgb(249, 224, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 224, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 224, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 224, 141);  
box-shadow:4px 4px 4px 4px rgb(249, 224,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3741, 0.3877, 0.4143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 224, 141) }
```

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

```
.background{ background-color: rgb(249,  
224, 141) }
```

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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