

Converting Colors

$Yxy(75.3511, 0.3802, 0.4118)$

Have a look what the booklet for
Yxy(75.3511, 0.3802, 0.4118)
contains.

Yxy(75.1588, 0.3801, 0.4116)	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(75.1588, 0.3801, 0.4116)

Conversions

Conversions Part 1

Format	Color
Hex	F4E192
RGB	244, 225, 146
RGB Percent	96%, 88%, 57%
CMY	0.0433, 0.1175, 0.4275
CMYK	0.00, 0.08, 0.40, 0.04
HSL	48°, 82%, 76%
HSV	48°, 40%, 96%
XYZ	69.4069, 75.1588, 38.0359
YIQ	221.6750, 36.6830, -20.5410

Conversions

Conversions Part 2

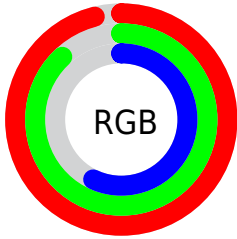
Format	Color
R _Y B	170, 244, 146
Decimal	16048530
CIE Lab	89.47, -4.35, 40.98
CIE LCh	89, 41.214, 96.053
Yxy	75.1588, 0.3801, 0.4116
Android (android.graphics.Color)	4294238610 (0xFFFF4E192)
YUV	221.6750, -37.3078, 19.5790
Hunter-Lab	86.6942, -8.8087, 34.6732

Details

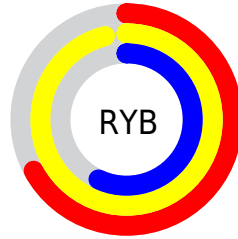
The Yxy color **75.1588, 0.3801, 0.4116** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **39.5145, 0.2418, 0.2296**, and the grayscale version is **73.0512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **39.9967, 0.3939, 0.4300** is the 20% darker color. If you saturate the color by 10%, you get **71.9694, 0.3977, 0.4307**, and if you desaturate by 10%, it is **78.5874, 0.3623, 0.3911**.

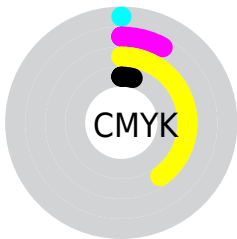
Distribution



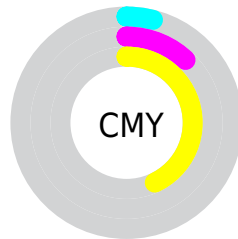
- Red (96%)
- Green (88%)
- Blue (57%)



- Red (67%)
- Yellow (96%)
- Blue (57%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1588, 0.3801, 0.4116 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 75.1588, 0.3801, 0.4116 by changing the saturation by 10% instead.

 75.1588, 0.3801,
0.4116


 75.1588, 0.3801,
0.4116


478.4632, 0.3500,
0.3740

 55.7430, 0.3865,
0.4198


 126.5371, 0.3700,
0.3988

 39.9969, 0.3942,
0.4298


 159.2684, 0.3659,
0.3937

 27.5361, 0.4034,
0.4419


197.2070, 0.3624,
0.3894

 17.9763, 0.4145,
0.4569

240.7373, 0.3593,
0.3855

 10.9330, 0.4278,
0.4756

290.2437, 0.3566,
0.3821

 6.0218, 0.4437,
0.4993

346.1105, 0.3542,

 2.8583, 0.4657,

0.3791

0.5343

408.7222, 0.3520,
0.3764

■ 1.0582, 0.4571,
0.5429

■ 0.0000, 0.0000,
0.0000

■ 75.1588, 0.3801,
0.4116

■ 75.1588, 0.3801,
0.4116

■ 71.9694, 0.3977,
0.4307

■ 78.5874, 0.3623,
0.3911

■ 68.9979, 0.4144,
0.4474

■ 82.2549, 0.3449,
0.3701

■ 66.2355, 0.4295,
0.4607

■ 86.1739, 0.3284,
0.3493

■ 63.6684, 0.4421,
0.4696

■ 90.3533, 0.3129,
0.3293

 61.2802, 0.4519,
0.4738

 93.9382, 0.3061,
0.3227

 59.0778, 0.4589,
0.4738

 96.8812, 0.3060,
0.3273

 97.9635, 0.3059,
0.3290

Harmonies

Analogous

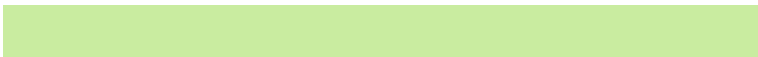
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.1588, 0.4071, 0.3843



75.1588, 0.3801, 0.4116



75.1588, 0.3360, 0.4167

Triad

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



75.1588, 0.3801, 0.4116



75.1588, 0.2264, 0.2993



75.1588, 0.3330, 0.2759

Complementary

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



75.1588, 0.3801, 0.4116



39.5145, 0.2418, 0.2296

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.



75.1588, 0.2838, 0.2555



75.1588, 0.3801, 0.4116



75.1588, 0.2256, 0.2656

Square

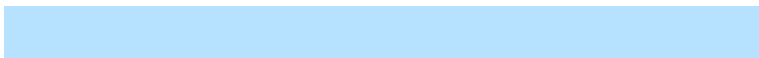
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1588, 0.3801, 0.4116



75.1588, 0.2482, 0.3467



75.1588, 0.2456, 0.2512



75.1588, 0.3796, 0.3083

Rectangle

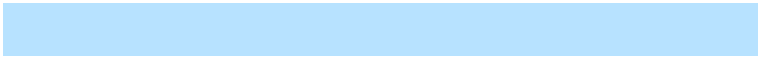
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1588, 0.3801, 0.4116



75.1588, 0.3035, 0.4037



75.1588, 0.2456, 0.2512



75.1588, 0.3160, 0.2675

Sweetspot

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



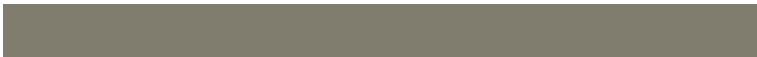
75.1623, 0.3801, 0.4116



94.4703, 0.3314, 0.3532



42.5143, 0.3939, 0.3078



20.0971, 0.3336, 0.3559



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

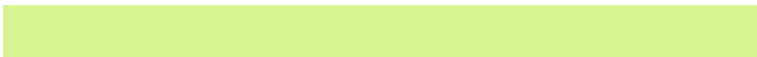
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1623, 0.3801, 0.4116



80.2950, 0.3942, 0.4270



81.1242, 0.3518, 0.4363



18.7377, 0.3273, 0.3480



32.3328, 0.4581, 0.4744



2.9780, 0.4524, 0.4790

Inverse Universe

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



39.5145, 0.2418, 0.2296



36.0322, 0.2261, 0.2058



36.2387, 0.2597, 0.2122



16.4447, 0.2979, 0.3093



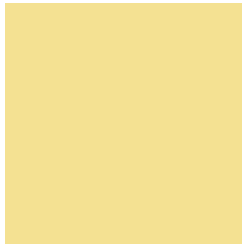
4.8106, 0.1552, 0.0785



0.5591, 0.1610, 0.0996

Previews

White Background



This preview shows how the Yxy color 75.1588, 0.3801, 0.4116 looks on a white background.

Color Contrast Check

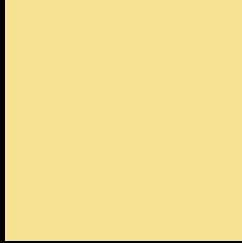
Large Text (above 18pt) WCAG AA × Fail

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 75.1588, 0.3801, 0.4116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

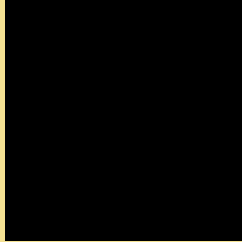
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1588, 0.3801, 0.4116

Background



This preview shows how black text looks on a background with the Yxy color 75.1588, 0.3801, 0.4116.

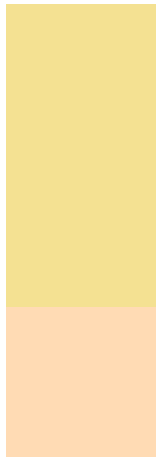


This preview shows how white text looks on a background with the Yxy color 75.1588, 0.3801, 0.4116.

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

75.1588, 0.3801, 0.4116

Protanopia

75.1588, 0.3801, 0.4116

Deuteranopia

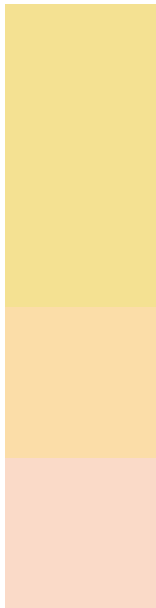
75.2183, 0.3671, 0.3691



Tritanopia

74.7453, 0.3296, 0.3120

Trichromacy



Original Color

75.1588, 0.3801, 0.4116

Protanomaly

75.1588, 0.3801, 0.4116

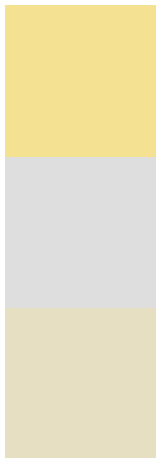
Deuteranomaly

75.0493, 0.3720, 0.3840

Tritanomaly

74.6369, 0.3490, 0.3477

Monochromacy



Original Color

75.1588, 0.3801, 0.4116

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4934, 0.3373, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1588, 0.3801, 0.4116 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(244, 225, 146)` looks like.

```
.text, #text, p{  
    color:rgb(244, 225, 146)  
}
```

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(244, 225, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 225, 146) }
```

Border

The CSS property to change the border of an element to Yxy 75.1588, 0.3801, 0.4116 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(244, 225, 146) }
```

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

```
.border{ border-color:rgb(244, 225, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 225, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 225, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 225, 146);  
box-shadow:4px 4px 4px 4px rgb(244, 225,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1588, 0.3801, 0.4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 225, 146) }
```

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

```
.background{ background-color: rgb(244,  
225, 146) }
```

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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