

Converting Colors

$Yxy(76.3816, 0.3902, 0.4091)$

Have a look what the booklet for
Yxy(76.3816, 0.3902, 0.4091)
contains.

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Color

Yxy(76.5849, 0.3903, 0.4099)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFE090 |
| RGB | 255, 224, 144 |
| RGB Percent | 100%, 88%, 56% |
| CMY | 0.0001, 0.1215, 0.4352 |
| CMYK | 0.00, 0.12, 0.44, 0.00 |
| HSL | 43°, 100%, 78% |
| HSV | 43°, 44%, 100% |
| XYZ | 72.9229, 76.5849, 37.3302 |
| YIQ | 224.1490, 44.1560, -18.3080 |

Conversions

Conversions Part 2

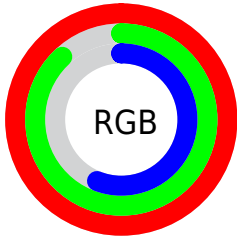
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 187, 255, 144 |
| Decimal | 16769168 |
| CIE Lab | 90.13, 0.27, 43.00 |
| CIE LCh | 90, 43.005, 89.634 |
| Yxy | 76.5849, 0.3903, 0.4099 |
| Android (android.graphics.Color) | 4294959248 (0xFFFFE090) |
| YUV | 224.1490, -39.5135, 27.0563 |
| Hunter-Lab | 87.5128, -4.4065, 35.9677 |

Details

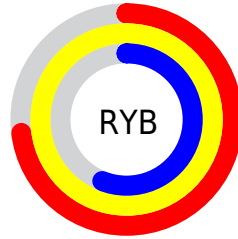
The Yxy color **76.5849, 0.3903, 0.4099** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **43.7983, 0.2370, 0.2313**, and the grayscale version is **74.9187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9035, 0.3460, 0.3840**, and **40.8844, 0.4062, 0.4271** is the 20% darker color. If you saturate the color by 10%, you get **72.1502, 0.4101, 0.4268**, and if you desaturate by 10%, it is **81.3628, 0.3707, 0.3915**.

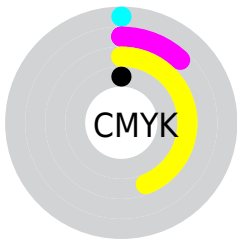
Distribution



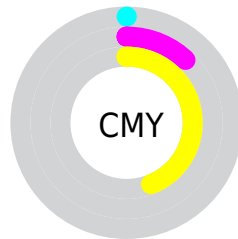
- Red (100%)
- Green (88%)
- Blue (56%)



- Red (73%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (12%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5849, 0.3903, 0.4099 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 76.5849, 0.3903, 0.4099 by changing the saturation by 10% instead.


 76.5849, 0.3903,
0.4099


 76.5849, 0.3903,
0.4099


483.3476, 0.3556,
0.3738

 56.9123, 0.3977,
0.4176


 128.5534, 0.3786,
0.3978

 40.9348, 0.4066,
0.4268


 161.6180, 0.3740,
0.3929

 28.2681, 0.4172,
0.4379


199.9153, 0.3699,
0.3887

 18.5279, 0.4301,
0.4512


243.8299, 0.3664,
0.3850

 11.3296, 0.4456,
0.4672

293.7460, 0.3632,
0.3817

 6.2890, 0.4647,
0.4869

350.0480, 0.3604,

 3.0216, 0.4886,

0.3788

0.5114

413.1204, 0.3579,
0.3761

■ 1.1430, 0.4891,
0.5109

■ 0.0144, 0.5860,
0.4140

■ 76.5849, 0.3903,
0.4099

■ 76.5849, 0.3903,
0.4099

■ 72.1502, 0.4101,
0.4268

■ 81.3628, 0.3707,
0.3915

■ 68.0341, 0.4292,
0.4411

■ 86.4859, 0.3519,
0.3724

■ 64.2246, 0.4468,
0.4516

■ 91.9696, 0.3343,
0.3535

■ 60.7042, 0.4620,
0.4575

■ 97.8252, 0.3181,
0.3352

■ 57.4516, 0.4740,
0.4584

99.9946, 0.3127,
0.3290

■ 55.4673, 0.4804,
0.4568

Harmonies

Analogous

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



76.5849, 0.4132, 0.3782



76.5849, 0.3903, 0.4099



76.5849, 0.3473, 0.4215

Triad

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



76.5849, 0.3903, 0.4099



76.5849, 0.2264, 0.3077



76.5849, 0.3223, 0.2684

Complementary

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



76.5849, 0.3903, 0.4099



43.7983, 0.2370, 0.2313

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.



76.5849, 0.2729, 0.2506



76.5849, 0.3903, 0.4099



76.5849, 0.2210, 0.2691

Square

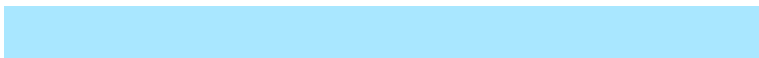
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5849, 0.3903, 0.4099



76.5849, 0.2533, 0.3583



76.5849, 0.2372, 0.2500



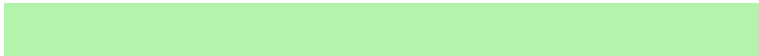
76.5849, 0.3728, 0.2996

Rectangle

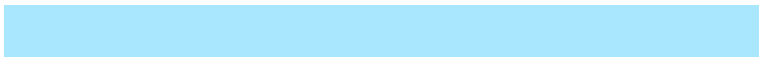
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5849, 0.3903, 0.4099



76.5849, 0.3137, 0.4125



76.5849, 0.2372, 0.2500



76.5849, 0.3050, 0.2607

Sweetspot

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



76.5885, 0.3903, 0.4099



92.2862, 0.3334, 0.3525



44.3192, 0.3945, 0.2964



19.4862, 0.3372, 0.3567



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.



76.5885, 0.3903, 0.4099



72.8205, 0.4071, 0.4244



90.4936, 0.3610, 0.4432



20.1835, 0.3276, 0.3461



29.2548, 0.4791, 0.4578



3.0328, 0.4707, 0.4644

Inverse Universe

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



43.7983, 0.2370, 0.2313



36.3192, 0.2212, 0.2081



35.5009, 0.2471, 0.1986



18.2026, 0.2979, 0.3113



6.3516, 0.1596, 0.0946



0.7930, 0.1656, 0.1161

Previews

White Background



This preview shows how the Yxy color 76.5849, 0.3903, 0.4099 looks on a white background.

Color Contrast Check

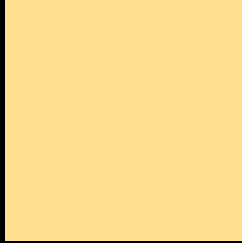
Large Text (above 18pt) WCAG AA × Fail

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 76.5849, 0.3903, 0.4099 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 76.5849, 0.3903, 0.4099

Background



This preview shows how black text looks on a background with the Yxy color 76.5849, 0.3903, 0.4099.



This preview shows how white text looks on a background with the Yxy color 76.5849, 0.3903, 0.4099.

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

76.5849, 0.3903, 0.4099

Protanopia

76.7567, 0.3823, 0.4137

Deuteranopia

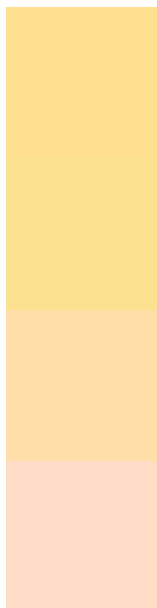
76.4757, 0.3629, 0.3659



Tritanopia

76.5429, 0.3322, 0.3171

Trichromacy



Original Color

76.5849, 0.3903, 0.4099

Protanomaly

76.7610, 0.3850, 0.4120

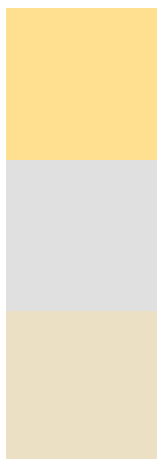
Deuteranomaly

76.4048, 0.3733, 0.3823

Tritanomaly

76.5236, 0.3538, 0.3515

Monochromacy



Original Color

76.5849, 0.3903, 0.4099

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.9136, 0.3402, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5849, 0.3903, 0.4099 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, 224, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 144)  
}
```

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, 224, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 144) }
```

Border

The CSS property to change the border of an element to Yxy 76.5849, 0.3903, 0.4099 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, 224, 144) }
```

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

```
.border{ border-color:rgb(255, 224, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5849, 0.3903, 0.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 144) }
```

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

```
.background{ background-color: rgb(255,  
224, 144) }
```

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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