

Converting Colors

$Y_{xy}(76.0064, 0.3938, 0.4150)$

Have a look what the booklet for
Yxy(76.0064, 0.3938, 0.4150)
contains.

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Color

Yxy(75.6812, 0.3939, 0.4149)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FEDF8A |
| RGB | 254, 223, 138 |
| RGB Percent | 100%, 87%, 54% |
| CMY | 0.0039, 0.1255, 0.4587 |
| CMYK | 0.00, 0.12, 0.46, 0.00 |
| HSL | 44°, 98%, 77% |
| HSV | 44°, 46%, 100% |
| XYZ | 71.8506, 75.6812, 34.8765 |
| YIQ | 222.5790, 45.7610, -19.8630 |

Conversions

Conversions Part 2

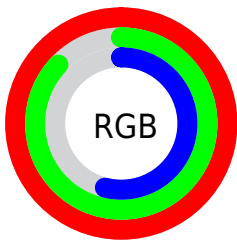
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 180, 254, 138 |
| Decimal | 16703370 |
| CIE Lab | 89.71, -0.17, 45.42 |
| CIE LCh | 90, 45.418, 90.219 |
| Yxy | 75.6812, 0.3939, 0.4149 |
| Android (android.graphics.Color) | 4294893450 (0xFFFE8A) |
| YUV | 222.5790, -41.6974, 27.5562 |
| Hunter-Lab | 86.9949, -4.8149, 37.1270 |

Details

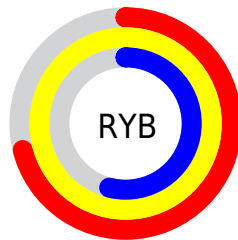
The Yxy color **75.6812, 0.3939, 0.4149** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **40.9487, 0.2327, 0.2238**, and the grayscale version is **73.7586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **40.2793, 0.4105, 0.4330** is the 20% darker color. If you saturate the color by 10%, you get **71.4771, 0.4133, 0.4316**, and if you desaturate by 10%, it is **80.2099, 0.3745, 0.3965**.

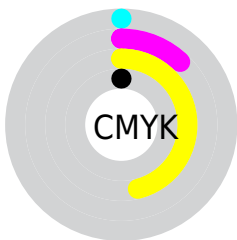
Distribution



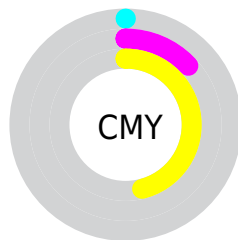
- Red (100%)
- Green (87%)
- Blue (54%)



- Red (71%)
- Yellow (100%)
- Blue (54%)



- Cyan (0%)
- Magenta (12%)
- Yellow (46%)
- Black (0%)




- Cyan (0%)
- Magenta (13%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.6812, 0.3939, 0.4149 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 75.6812, 0.3939, 0.4149 by changing the saturation by 10% instead.

 75.6812, 0.3939,
0.4149

 75.6812, 0.3939,
0.4149


480.2557, 0.3577,
0.3766

 56.1711, 0.4016,
0.4230


 127.2762, 0.3818,
0.4020

 40.3401, 0.4107,
0.4327

 160.1299, 0.3769,
0.3969

 27.8039, 0.4216,
0.4443


 198.2002, 0.3727,
0.3924

 18.1779, 0.4346,
0.4581

241.8716, 0.3689,
0.3885

 11.0778, 0.4499,
0.4744

291.5285, 0.3656,
0.3850

 6.1192, 0.4706,
0.4964

347.5552, 0.3627,

 2.9177, 0.4865,

0.3819

0.5135

410.3361, 0.3601,
0.3791

■ 1.0889, 0.4861,
0.5139

■ 0.0000, 0.0000,
0.0000

■ 75.6812, 0.3939,
0.4149

■ 75.6812, 0.3939,
0.4149

■ 71.4771, 0.4133,
0.4316

■ 80.2099, 0.3745,
0.3965

■ 67.5732, 0.4317,
0.4453

■ 85.0652, 0.3557,
0.3772

■ 63.9575, 0.4484,
0.4551

■ 90.2623, 0.3379,
0.3579

■ 60.6121, 0.4624,
0.4602

■ 95.8123, 0.3214,
0.3392

■ 57.5155, 0.4733,
0.4603

99.8113, 0.3121,
0.3290

■ 56.2352, 0.4773,
0.4592

Harmonies

Analogous

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



75.6812, 0.4189, 0.3813



75.6812, 0.3939, 0.4149



75.6812, 0.3480, 0.4273

Triad

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



75.6812, 0.3939, 0.4149



75.6812, 0.2213, 0.3051



75.6812, 0.3239, 0.2657

Complementary

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



75.6812, 0.3939, 0.4149



40.9487, 0.2327, 0.2238

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.



75.6812, 0.2714, 0.2466



75.6812, 0.3939, 0.4149



75.6812, 0.2162, 0.2649

Square

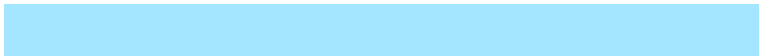
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6812, 0.3939, 0.4149



75.6812, 0.2490, 0.3590



75.6812, 0.2336, 0.2455



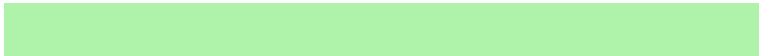
75.6812, 0.3773, 0.2985

Rectangle

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



75.6812, 0.3939, 0.4149



75.6812, 0.3125, 0.4175



75.6812, 0.2336, 0.2455



75.6812, 0.3054, 0.2575

Sweetspot

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



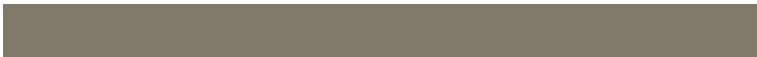
75.6847, 0.3939, 0.4149



91.9723, 0.3351, 0.3548



42.1932, 0.4005, 0.2949



19.4346, 0.3387, 0.3589



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.



75.6847, 0.3939, 0.4149



72.3821, 0.4120, 0.4306



89.3587, 0.3631, 0.4487



20.2209, 0.3276, 0.3463



29.9030, 0.4762, 0.4601



3.0915, 0.4682, 0.4665

Inverse Universe

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



40.9487, 0.2327, 0.2238



33.3817, 0.2153, 0.1977



33.1449, 0.2432, 0.1914



18.1674, 0.2979, 0.3111



6.1508, 0.1589, 0.0920



0.7695, 0.1648, 0.1133

Previews

White Background



This preview shows how the Yxy color 75.6812, 0.3939, 0.4149 looks on a white background.

Color Contrast Check

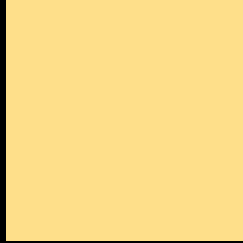
Large Text (above 18pt) WCAG AA × Fail

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 75.6812, 0.3939, 0.4149 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 75.6812, 0.3939, 0.4149

Background



This preview shows how black text looks on a background with the Yxy color 75.6812, 0.3939, 0.4149.



This preview shows how white text looks on a background with the Yxy color 75.6812, 0.3939, 0.4149.

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

75.6812, 0.3939, 0.4149

Protanopia

75.8496, 0.3858, 0.4188

Deuteranopia

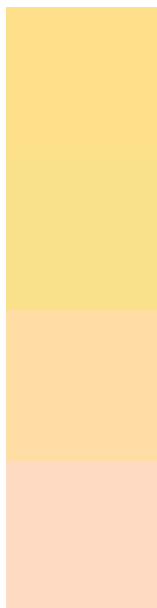
75.7826, 0.3661, 0.3691



Tritanopia

75.4623, 0.3331, 0.3160

Trichromacy



Original Color

75.6812, 0.3939, 0.4149

Protanomaly

75.8542, 0.3885, 0.4171

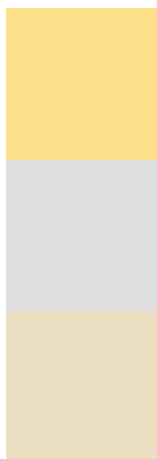
Deuteranomaly

75.6895, 0.3772, 0.3864

Tritanomaly

75.3429, 0.3565, 0.3526

Monochromacy



Original Color

75.6812, 0.3939, 0.4149

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0735, 0.3417, 0.3624

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6812, 0.3939, 0.4149 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, 223, 138)` looks like.

```
.text, #text, p{  
    color:rgb(254, 223, 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(254, 223, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 223, 138) }
```

Border

The CSS property to change the border of an element to Yxy 75.6812, 0.3939, 0.4149 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, 223, 138) }
```

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

```
.border{ border-color:rgb(254, 223, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 223, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 223, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 223, 138);  
box-shadow:4px 4px 4px 4px rgb(254, 223,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6812, 0.3939, 0.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 223, 138) }
```

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

```
.background{ background-color: rgb(254,  
223, 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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