

Converting Colors

$Yxy(76.4891, 0.3923, 0.4127)$

Have a look what the booklet for
Yxy(76.4891, 0.3923, 0.4127)
contains.

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Color

Yxy(76.4944, 0.3923, 0.4127)

Conversions

Conversions Part 1

Format	Color
Hex	FFE08D
RGB	255, 224, 141
RGB Percent	100%, 88%, 55%
CMY	0.0000, 0.1216, 0.4469
CMYK	0.00, 0.12, 0.45, 0.00
HSL	44°, 100%, 78%
HSV	44°, 45%, 100%
XYZ	72.7132, 76.4944, 36.1435
YIQ	223.8070, 45.1190, -19.2410

Conversions

Conversions Part 2

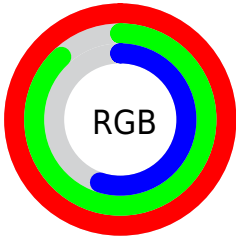
Format	Color
RYB	184, 255, 141
Decimal	16769165
CIELab	90.09, 0.02, 44.43
CIELCh	90, 44.431, 89.979
Yxy	76.4944, 0.3923, 0.4127
Android (android.graphics.Color)	4294959245 (0xFFFFE08D)
YUV	223.8070, -40.8239, 27.3563
Hunter-Lab	87.4611, -4.6559, 36.7210

Details

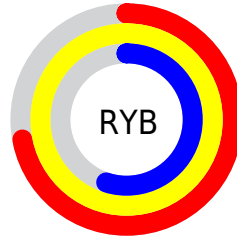
The Yxy color **76.4944, 0.3923, 0.4127** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **42.4050, 0.2346, 0.2271**, and the grayscale version is **74.6685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7655, 0.3478, 0.3870**, and **40.8330, 0.4085, 0.4304** is the 20% darker color. If you saturate the color by 10%, you get **72.1652, 0.4118, 0.4295**, and if you desaturate by 10%, it is **81.1465, 0.3728, 0.3942**.

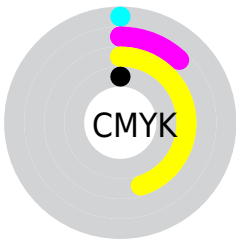
Distribution



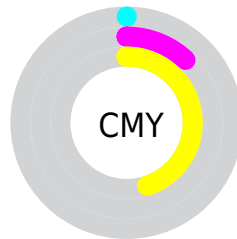
- Red (100%)
- Green (88%)
- Blue (55%)



- Red (72%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (12%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (12%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4944, 0.3923, 0.4127 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 76.4944, 0.3923, 0.4127 by changing the saturation by 10% instead.

 76.4944, 0.3923,
0.4127

 76.4944, 0.3923,
0.4127


483.0384, 0.3568,
0.3754

 56.8380, 0.3999,
0.4206


 128.4255, 0.3804,
0.4002

 40.8752, 0.4088,
0.4301


 161.4690, 0.3756,
0.3952

 28.2216, 0.4196,
0.4414


199.7437, 0.3715,
0.3908

 18.4928, 0.4325,
0.4550


243.6340, 0.3678,
0.3870

 11.3043, 0.4479,
0.4711

293.5242, 0.3646,
0.3836

 6.2719, 0.4675,
0.4917

349.7987, 0.3617,

 3.0111, 0.4874,

0.3805

0.5126

412.8420, 0.3591,
0.3778

■ 1.1375, 0.4874,
0.5126

■ 0.0098, 0.4975,
0.5025

■ 76.4944, 0.3923,
0.4127

■ 76.4944, 0.3923,
0.4127

■ 72.1652, 0.4118,
0.4295

■ 81.1465, 0.3728,
0.3942

■ 68.1510, 0.4306,
0.4435

■ 86.1402, 0.3540,
0.3751

■ 64.4343, 0.4476,
0.4537

■ 91.4854, 0.3363,
0.3559

■ 60.9971, 0.4622,
0.4591

■ 97.1932, 0.3199,
0.3374

■ 57.8181, 0.4735,
0.4595

100.0000, 0.3127,
0.3290

■ 56.2204, 0.4786,
0.4582

Harmonies

Analogous

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



76.4944, 0.4164, 0.3799



76.4944, 0.3923, 0.4127



76.4944, 0.3477, 0.4247

Triad

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



76.4944, 0.3923, 0.4127



76.4944, 0.2236, 0.3062



76.4944, 0.3232, 0.2669

Complementary

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



76.4944, 0.3923, 0.4127



42.4050, 0.2346, 0.2271

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.



76.4944, 0.2721, 0.2483



76.4944, 0.3923, 0.4127



76.4944, 0.2183, 0.2667

Square

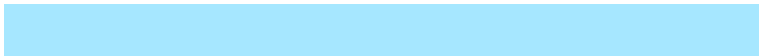
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4944, 0.3923, 0.4127



76.4944, 0.2509, 0.3587



76.4944, 0.2352, 0.2475



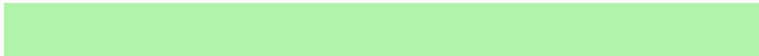
76.4944, 0.3753, 0.2990

Rectangle

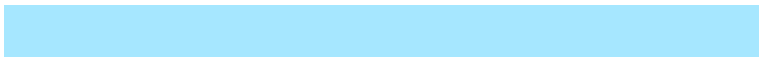
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4944, 0.3923, 0.4127



76.4944, 0.3130, 0.4153



76.4944, 0.2352, 0.2475



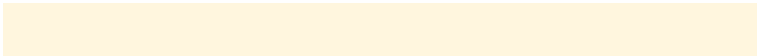
76.4944, 0.3053, 0.2589

Sweetspot

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



76.4924, 0.3923, 0.4127



92.4261, 0.3334, 0.3527



43.3490, 0.3978, 0.2955



19.5210, 0.3371, 0.3569



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.



76.4924, 0.3923, 0.4127



72.4549, 0.4105, 0.4284



90.3179, 0.3622, 0.4462



20.2057, 0.3276, 0.3462



29.6377, 0.4774, 0.4592



3.0675, 0.4692, 0.4656

Inverse Universe

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



42.4050, 0.2346, 0.2271



34.3863, 0.2173, 0.2013



34.3566, 0.2449, 0.1946



18.1817, 0.2979, 0.3112



6.2313, 0.1592, 0.0930



0.7790, 0.1651, 0.1144

Previews

White Background



This preview shows how the Yxy color 76.4944, 0.3923, 0.4127 looks on a white background.

Color Contrast Check

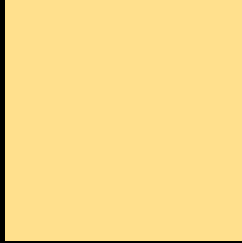
Large Text (above 18pt) WCAG AA × Fail

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 76.4944, 0.3923, 0.4127 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 76.4944, 0.3923, 0.4127

Background



This preview shows how black text looks on a background with the Yxy color 76.4944, 0.3923, 0.4127.



This preview shows how white text looks on a background with the Yxy color 76.4944, 0.3923, 0.4127.

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

76.4944, 0.3923, 0.4127

Protanopia

76.6653, 0.3842, 0.4166

Deuteranopia

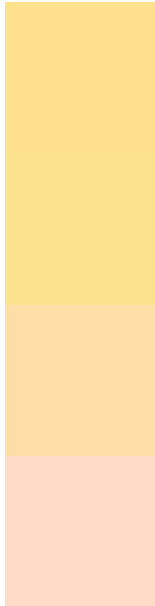
76.4336, 0.3637, 0.3670



Tritanopia

76.5429, 0.3322, 0.3171

Trichromacy



Original Color

76.4944, 0.3923, 0.4127

Protanomaly

76.6697, 0.3869, 0.4149

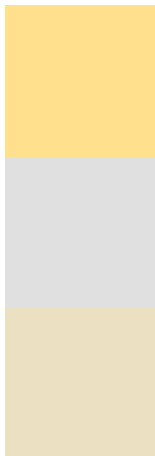
Deuteranomaly

76.3297, 0.3747, 0.3843

Tritanomaly

76.4776, 0.3546, 0.3526

Monochromacy



Original Color

76.4944, 0.3923, 0.4127

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8685, 0.3408, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4944, 0.3923, 0.4127 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 224, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 141) }
```

Border

The CSS property to change the border of an element to Yxy 76.4944, 0.3923, 0.4127 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, 141) }
```

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

```
.border{ border-color:rgb(255, 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(255, 224, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 224, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 224, 141); box-shadow:4px 4px 4px 4px rgb(255, 224, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4944, 0.3923, 0.4127 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, 141) }
```

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

```
.background{ background-color: rgb(255,  
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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