

Converting Colors

$Yxy(76.9069, 0.3876, 0.4065)$

Have a look what the booklet for
Yxy(76.9069, 0.3876, 0.4065)
contains.

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Color

Yxy(76.7094, 0.3877, 0.4061)

Conversions

Conversions Part 1

Format	Color
Hex	FFE094
RGB	255, 224, 148
RGB Percent	100%, 88%, 58%
CMY	0.0001, 0.1215, 0.4197
CMYK	0.00, 0.12, 0.42, 0.00
HSL	43°, 100%, 79%
HSV	43°, 42%, 100%
XYZ	73.2338, 76.7094, 38.9497
YIQ	224.6050, 42.8720, -17.0640

Conversions

Conversions Part 2

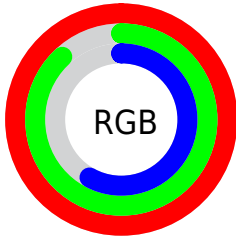
Format	Color
R _Y B	192, 255, 148
Decimal	16769172
CIE Lab	90.19, 0.68, 41.11
CIE LCh	90, 41.113, 89.057
Yxy	76.7094, 0.3877, 0.4061
Android (android.graphics.Color)	4294959252 (0xFFFFE094)
YUV	224.6050, -37.7663, 26.6564
Hunter-Lab	87.5839, -4.0181, 34.9417

Details

The Yxy color **76.7094, 0.3877, 0.4061** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.7261, 0.2401, 0.2368**, and the grayscale version is **75.2488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **41.0908, 0.4040, 0.4221** is the 20% darker color. If you saturate the color by 10%, you get **72.1119, 0.4078, 0.4231**, and if you desaturate by 10%, it is **81.6640, 0.3680, 0.3877**.

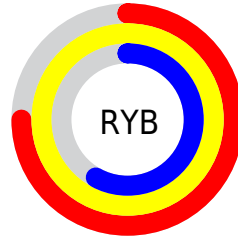
Distribution



Red (100%)

Green (88%)

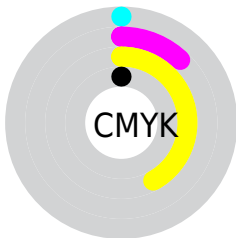
Blue (58%)



Red (75%)

Yellow (100%)

Blue (58%)

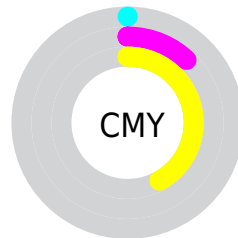


Cyan (0%)

Magenta (12%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7094, 0.3877, 0.4061 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 76.7094, 0.3877, 0.4061 by changing the saturation by 10% instead.


 76.7094, 0.3877,
0.4061

 76.7094, 0.3877,
0.4061


483.7726, 0.3541,
0.3716

 57.0144, 0.3949,
0.4135

 128.7292, 0.3763,
0.3945

 41.0168, 0.4036,
0.4223

 161.8228, 0.3718,
0.3899

 28.3322, 0.4141,
0.4330


200.1513, 0.3679,
0.3858

 18.5762, 0.4269,
0.4460

244.0993, 0.3645,
0.3823

 11.3645, 0.4425,
0.4616

294.0510, 0.3614,
0.3792

 6.3126, 0.4613,
0.4805

350.3908, 0.3587,

 3.0360, 0.4905,

0.3764

0.5095

413.5033, 0.3563,
0.3739

■ 1.1506, 0.4918,
0.5082

■ 0.0208, 0.6357,
0.3643

■ 76.7094, 0.3877,
0.4061

■ 76.7094, 0.3877,
0.4061

■ 72.1119, 0.4078,
0.4231

■ 81.6640, 0.3680,
0.3877

■ 67.8467, 0.4274,
0.4377

■ 86.9779, 0.3492,
0.3689

■ 63.9021, 0.4457,
0.4487

■ 92.6665, 0.3317,
0.3503

■ 60.2606, 0.4618,
0.4552

■ 98.7411, 0.3157,
0.3324

■ 56.9015, 0.4748,
0.4566

99.9965, 0.3127,
0.3290

■ 54.3844, 0.4831,
0.4546

Harmonies

Analogous

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



76.7094, 0.4089, 0.3757



76.7094, 0.3877, 0.4061



76.7094, 0.3469, 0.4172

Triad

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



76.7094, 0.3877, 0.4061



76.7094, 0.2303, 0.3097



76.7094, 0.3211, 0.2704

Complementary

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



76.7094, 0.3877, 0.4061



45.7261, 0.2401, 0.2368

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.



76.7094, 0.2739, 0.2535



76.7094, 0.3877, 0.4061



76.7094, 0.2246, 0.2724

Square

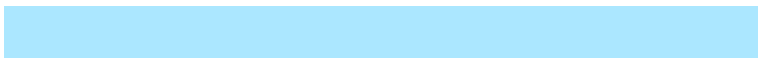
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7094, 0.3877, 0.4061



76.7094, 0.2566, 0.3580



76.7094, 0.2398, 0.2535



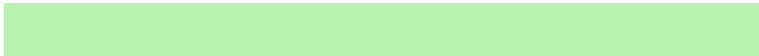
76.7094, 0.3693, 0.3002

Rectangle

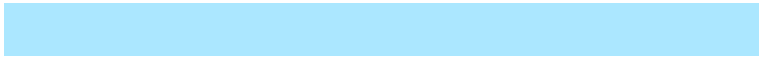
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7094, 0.3877, 0.4061



76.7094, 0.3148, 0.4090



76.7094, 0.2398, 0.2535



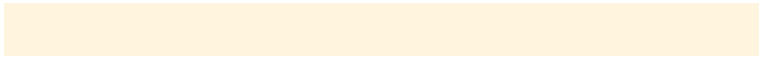
76.7094, 0.3045, 0.2631

Sweetspot

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



76.7130, 0.3877, 0.4061



92.0774, 0.3335, 0.3522



45.7248, 0.3883, 0.2956



19.4344, 0.3372, 0.3563



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.



76.7130, 0.3877, 0.4061



73.0027, 0.4038, 0.4199



91.0665, 0.3608, 0.4387



20.1504, 0.3276, 0.3458



28.6911, 0.4818, 0.4556



2.9816, 0.4730, 0.4627

Inverse Universe

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



45.7261, 0.2401, 0.2368



38.4630, 0.2252, 0.2154



36.8651, 0.2487, 0.2034



18.2339, 0.2979, 0.3116



6.5376, 0.1603, 0.0969



0.8146, 0.1663, 0.1186

Previews

White Background



This preview shows how the Yxy color 76.7094, 0.3877, 0.4061 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 76.7094, 0.3877, 0.4061 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 76.7094, 0.3877, 0.4061

Background



This preview shows how black text looks on a background with the Yxy color 76.7094, 0.3877, 0.4061.



This preview shows how white text looks on a background with the Yxy color 76.7094, 0.3877, 0.4061.

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

76.7094, 0.3877, 0.4061

Protanopia

76.8823, 0.3797, 0.4097

Deuteranopia

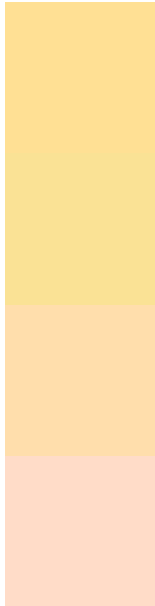
76.5181, 0.3622, 0.3649



Tritanopia

76.5989, 0.3315, 0.3161

Trichromacy



Original Color

76.7094, 0.3877, 0.4061

Protanomaly

76.8866, 0.3824, 0.4081

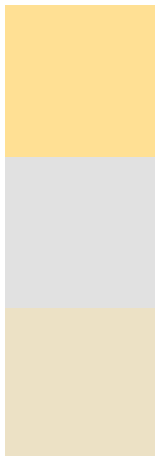
Deuteranomaly

76.4811, 0.3719, 0.3802

Tritanomaly

76.6165, 0.3524, 0.3495

Monochromacy



Original Color

76.7094, 0.3877, 0.4061

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.7145, 0.3394, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7094, 0.3877, 0.4061 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 148) }
```

Border

The CSS property to change the border of an element to Yxy 76.7094, 0.3877, 0.4061 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, 148) }
```

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

```
.border{ border-color:rgb(255, 224, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7094, 0.3877, 0.4061 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, 148) }
```

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

```
.background{ background-color: rgb(255,  
224, 148) }
```

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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