

Converting Colors

$Yxy(81.5480, 0.3991, 0.3949)$

Have a look what the booklet for
Yxy(81.5480, 0.3991, 0.3949)
contains.

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Color

Yxy(76.9379, 0.3830, 0.3992)

Conversions

Conversions Part 1

Format	Color
Hex	FFE09B
RGB	255, 224, 155
RGB Percent	100%, 88%, 61%
CMY	0.0000, 0.1216, 0.3921
CMYK	0.00, 0.12, 0.39, 0.00
HSL	41°, 100%, 80%
HSV	41°, 39%, 100%
XYZ	73.8157, 76.9379, 41.9766
YIQ	225.4030, 40.6250, -14.8870

Conversions

Conversions Part 2

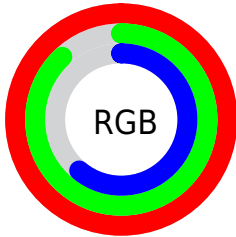
Format	Color
R _Y B	200, 255, 155
Decimal	16769179
CIE Lab	90.29, 1.43, 37.70
CIE LCh	90, 37.730, 87.823
Yxy	76.9379, 0.3830, 0.3992
Android (android.graphics.Color)	4294959259 (0xFFFFE09B)
YUV	225.4030, -34.7087, 25.9566
Hunter-Lab	87.7143, -3.2838, 33.0261

Details

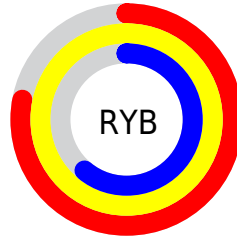
The Yxy color $76.9379, 0.3830, 0.3992$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $49.3140, 0.2457, 0.2466$, and the grayscale version is $75.8345, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4331, 0.3394, 0.3731$, and $41.2255, 0.3983, 0.4140$ is the 20% darker color. If you saturate the color by 10%, you get $72.0200, 0.4035, 0.4163$, and if you desaturate by 10%, it is $82.2378, 0.3631, 0.3811$.

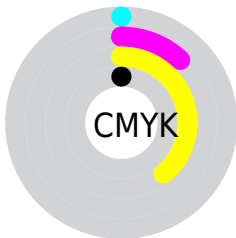
Distribution



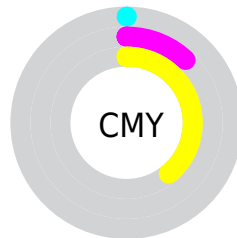
- Red (100%)
- Green (88%)
- Blue (61%)



- Red (78%)
- Yellow (100%)
- Blue (61%)



- Cyan (0%)
- Magenta (12%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9379, 0.3830, 0.3992 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 76.9379, 0.3830, 0.3992 by changing the saturation by 10% instead.


 76.9379, 0.3830,
0.3992


 76.9379, 0.3830,
0.3992


484.5523, 0.3513,
0.3677

 57.2019, 0.3899,
0.4060


 129.0518, 0.3723,
0.3886

 41.1674, 0.3982,
0.4141

 162.1985, 0.3680,
0.3844

 28.4499, 0.4083,
0.4240


200.5843, 0.3643,
0.3807

 18.6651, 0.4209,
0.4362

244.5934, 0.3611,
0.3775

 11.4285, 0.4365,
0.4512

294.6104, 0.3582,
0.3746

 6.3558, 0.4557,
0.4693

351.0196, 0.3556,

 3.0626, 0.4941,

0.3721

0.5059

414.2055, 0.3534,
0.3698

■ 1.1645, 0.4967,
0.5033

■ 0.0324, 0.6699,
0.3301

■ 76.9379, 0.3830,
0.3992

■ 76.9379, 0.3830,
0.3992

■ 72.0200, 0.4035,
0.4163

■ 82.2378, 0.3631,
0.3811

■ 67.4647, 0.4241,
0.4313

■ 87.9276, 0.3444,
0.3628

■ 63.2582, 0.4437,
0.4430

■ 94.0212, 0.3272,
0.3448

■ 59.3833, 0.4613,
0.4505

100.0000, 0.3127,
0.3290

■ 55.8196, 0.4761,
0.4529

■ 52.5383, 0.4878,
0.4505

■ 52.2882, 0.4887,
0.4502

Harmonies

Analogous

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



76.9379, 0.4013, 0.3712



76.9379, 0.3830, 0.3992



76.9379, 0.3462, 0.4097

Triad

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



76.9379, 0.3830, 0.3992



76.9379, 0.2374, 0.3133



76.9379, 0.3186, 0.2739

Complementary

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



76.9379, 0.3830, 0.3992



49.3140, 0.2457, 0.2466

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.



76.9379, 0.2755, 0.2589



76.9379, 0.3830, 0.3992



76.9379, 0.2312, 0.2783

Square

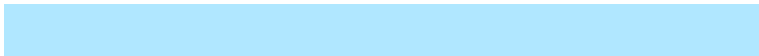
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9379, 0.3830, 0.3992



76.9379, 0.2625, 0.3574



76.9379, 0.2446, 0.2597



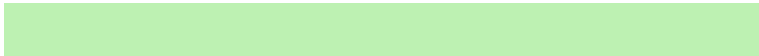
76.9379, 0.3630, 0.3012

Rectangle

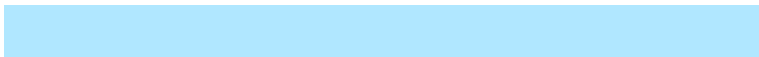
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9379, 0.3830, 0.3992



76.9379, 0.3168, 0.4026



76.9379, 0.2446, 0.2597



76.9379, 0.3035, 0.2673

Sweetspot

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



76.9397, 0.3830, 0.3992



92.2793, 0.3319, 0.3498



48.2823, 0.3796, 0.2961



19.5794, 0.3341, 0.3521



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.



76.9397, 0.3830, 0.3992



73.0750, 0.3990, 0.4126



91.8348, 0.3591, 0.4311



20.0846, 0.3277, 0.3453



27.5997, 0.4872, 0.4513



2.8819, 0.4776, 0.4590

Inverse Universe

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



49.3140, 0.2457, 0.2466



42.0054, 0.2313, 0.2266



39.5920, 0.2525, 0.2124



18.2963, 0.2979, 0.3121



6.9307, 0.1616, 0.1017



0.8594, 0.1677, 0.1238

Previews

White Background



This preview shows how the Yxy color 76.9379, 0.3830, 0.3992 looks on a white background.

Color Contrast Check

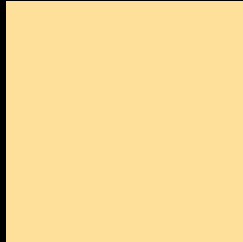
Large Text (above 18pt) WCAG AA × Fail

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 76.9379, 0.3830, 0.3992 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 76.9379, 0.3830, 0.3992

Background



This preview shows how black text looks on a background with the Yxy color 76.9379, 0.3830, 0.3992.



This preview shows how white text looks on a background with the Yxy color 76.9379, 0.3830, 0.3992.

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

76.9379, 0.3830, 0.3992

Protanopia

76.9313, 0.3743, 0.4029

Deuteranopia

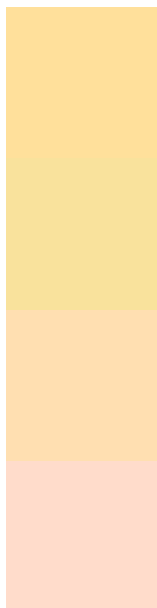
77.1767, 0.3598, 0.3628



Tritanopia

77.1160, 0.3314, 0.3171

Trichromacy



Original Color

76.9379, 0.3830, 0.3992

Protanomaly

76.9327, 0.3770, 0.4013

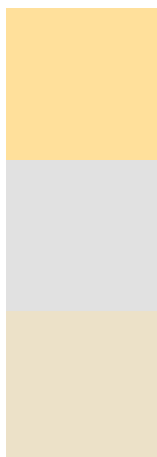
Deuteranomaly

77.2097, 0.3681, 0.3761

Tritanomaly

76.7582, 0.3502, 0.3464

Monochromacy



Original Color

76.9379, 0.3830, 0.3992

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.8534, 0.3373, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9379, 0.3830, 0.3992 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 155) }
```

Border

The CSS property to change the border of an element to Yxy 76.9379, 0.3830, 0.3992 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, 155) }
```

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

```
.border{ border-color:rgb(255, 224, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 224, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 224, 155); box-shadow:4px 4px 4px 4px rgb(255, 224, 155) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9379, 0.3830, 0.3992 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, 155) }
```

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

```
.background{ background-color: rgb(255,  
224, 155) }
```

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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