

Converting Colors

$Yxy(81.1311, 0.4015, 0.3968)$

Have a look what the booklet for
Yxy(81.1311, 0.4015, 0.3968)
contains.

Yxy(76.8383, 0.3850, 0.4022)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(76.8383, 0.3850, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	FFE098
RGB	255, 224, 152
RGB Percent	100%, 88%, 60%
CMY	0.0001, 0.1215, 0.4040
CMYK	0.00, 0.12, 0.40, 0.00
HSL	42°, 100%, 80%
HSV	42°, 40%, 100%
XYZ	73.5523, 76.8383, 40.6544
YIQ	225.0610, 41.5880, -15.8200

Conversions

Conversions Part 2

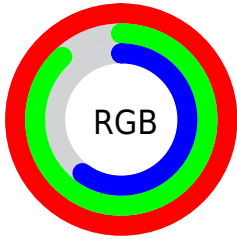
Format	Color
R_{YB}	196, 255, 152
Decimal	16769176
CIE _{Lab}	90.25, 1.08, 39.17
CIE _{LCh}	90, 39.183, 88.415
Yxy	76.8383, 0.3850, 0.4022
Android (android.graphics.Color)	4294959256 (0xFFFFE098)
YUV	225.0610, -36.0191, 26.2565
Hunter-Lab	87.6575, -3.6233, 33.8623

Details

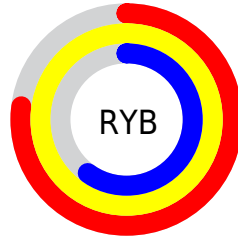
The Yxy color **76.8383, 0.3850, 0.4022** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.7307, 0.2433, 0.2424**, and the grayscale version is **75.5816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **41.1664, 0.4008, 0.4175** is the 20% darker color. If you saturate the color by 10%, you get **72.0679, 0.4053, 0.4193**, and if you desaturate by 10%, it is **81.9810, 0.3652, 0.3839**.

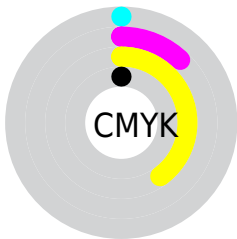
Distribution



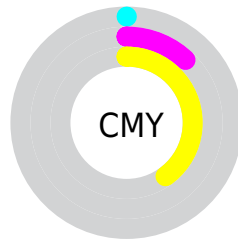
- Red (100%)
- Green (88%)
- Blue (60%)



- Red (77%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.8383, 0.3850, 0.4022 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 76.8383, 0.3850, 0.4022 by changing the saturation by 10% instead.


 76.8383, 0.3850,
0.4022


 76.8383, 0.3850,
0.4022


484.2125, 0.3525,
0.3694

 57.1202, 0.3920,
0.4093

 128.9112, 0.3740,
0.3911

 41.1017, 0.4005,
0.4177


 162.0348, 0.3696,
0.3867

 28.3986, 0.4108,
0.4280


200.3956, 0.3658,
0.3829

 18.6263, 0.4235,
0.4405

244.3781, 0.3625,
0.3796

 11.4006, 0.4391,
0.4558

294.3666, 0.3596,
0.3766

 6.3370, 0.4580,
0.4741

350.7456, 0.3569,

 3.0510, 0.4925,

0.3739

0.5075

413.8995, 0.3546,
0.3716

■ 1.1584, 0.4945,
0.5055

■ 0.0274, 0.6573,
0.3427

■ 76.8383, 0.3850,
0.4022

■ 76.8383, 0.3850,
0.4022

■ 72.0679, 0.4053,
0.4193

■ 81.9810, 0.3652,
0.3839

■ 67.6451, 0.4255,
0.4341

■ 87.4981, 0.3465,
0.3654

■ 63.5579, 0.4445,
0.4456

■ 93.4055, 0.3291,
0.3471

■ 59.7890, 0.4615,
0.4526

99.7144, 0.3133,
0.3297

■ 56.3181, 0.4755,
0.4546

99.9931, 0.3127,
0.3290

■ 53.2328, 0.4861,
0.4522

Harmonies

Analogous

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



76.8383, 0.4046, 0.3732



76.8383, 0.3850, 0.4022



76.8383, 0.3465, 0.4129

Triad

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



76.8383, 0.3850, 0.4022



76.8383, 0.2343, 0.3117



76.8383, 0.3197, 0.2724

Complementary

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



76.8383, 0.3850, 0.4022



47.7307, 0.2433, 0.2424

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.



76.8383, 0.2749, 0.2566



76.8383, 0.3850, 0.4022



76.8383, 0.2284, 0.2757

Square

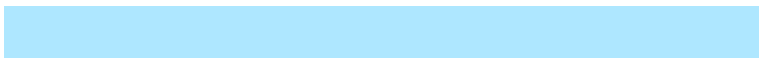
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.8383, 0.3850, 0.4022



76.8383, 0.2599, 0.3576



76.8383, 0.2425, 0.2570



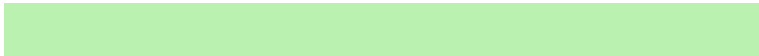
76.8383, 0.3658, 0.3008

Rectangle

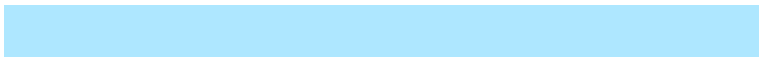
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.8383, 0.3850, 0.4022



76.8383, 0.3159, 0.4053



76.8383, 0.2425, 0.2570



76.8383, 0.3040, 0.2655

Sweetspot

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



76.8419, 0.3850, 0.4022



92.4565, 0.3318, 0.3500



47.1915, 0.3825, 0.2951



19.6212, 0.3340, 0.3524



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.



76.8419, 0.3850, 0.4022



73.1992, 0.4005, 0.4154



91.6108, 0.3603, 0.4341



20.1150, 0.3277, 0.3456



28.0984, 0.4847, 0.4533



2.9275, 0.4754, 0.4607

Inverse Universe

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



47.7307, 0.2433, 0.2424



40.6917, 0.2292, 0.2225



38.3133, 0.2503, 0.2083



18.2675, 0.2979, 0.3119



6.7455, 0.1610, 0.0995



0.8384, 0.1671, 0.1214

Previews

White Background



This preview shows how the Yxy color 76.8383, 0.3850, 0.4022 looks on a white background.

Color Contrast Check

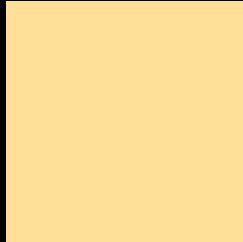
Large Text (above 18pt) WCAG AA × Fail

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 76.8383, 0.3850, 0.4022 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 76.8383, 0.3850, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 76.8383, 0.3850, 0.4022.

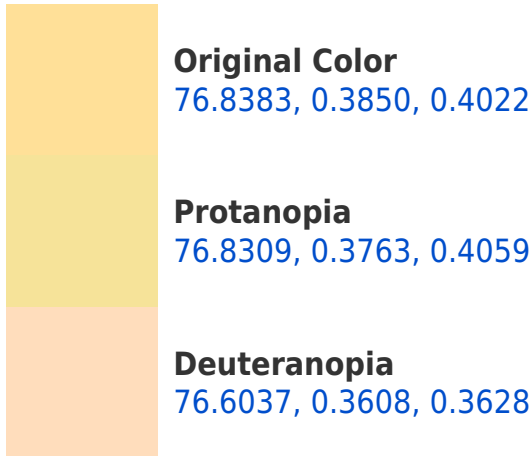


This preview shows how white text looks on a background with the Yxy color 76.8383, 0.3850, 0.4022.

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

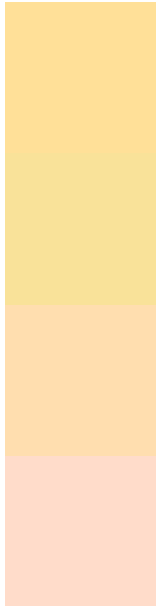




Tritanopia

76.5989, 0.3315, 0.3161

Trichromacy



Original Color

76.8383, 0.3850, 0.4022

Protanomaly

76.8324, 0.3790, 0.4043

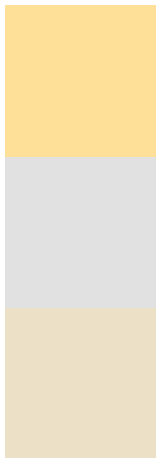
Deuteranomaly

76.5977, 0.3698, 0.3772

Tritanomaly

76.7107, 0.3510, 0.3474

Monochromacy



Original Color

76.8383, 0.3850, 0.4022

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.7605, 0.3387, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.8383, 0.3850, 0.4022 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 152) }
```

Border

The CSS property to change the border of an element to Yxy 76.8383, 0.3850, 0.4022 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, 152) }
```

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

```
.border{ border-color:rgb(255, 224, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 76.8383, 0.3850, 0.4022 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, 152) }
```

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

```
.background{ background-color: rgb(255,  
224, 152) }
```

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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