

Converting Colors

$Y_{xy}(76.4973, 0.3743, 0.3878)$

Have a look what the booklet for
Yxy(76.4973, 0.3743, 0.3878)
contains.

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Color

Yxy(76.4112, 0.3743, 0.3876)

Conversions

Conversions Part 1

Format	Color
Hex	FDDFA6
RGB	253, 223, 166
RGB Percent	99%, 87%, 65%
CMY	0.0077, 0.1255, 0.3490
CMYK	0.00, 0.12, 0.34, 0.01
HSL	39°, 96%, 82%
HSV	39°, 34%, 99%
XYZ	73.7892, 76.4112, 46.9389
YIQ	225.4720, 36.1770, -11.3670

Conversions

Conversions Part 2

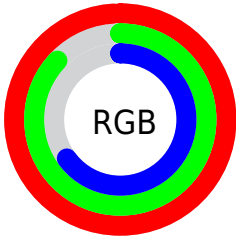
Format	Color
RYB	212, 253, 166
Decimal	16637862
CIELab	90.05, 2.43, 31.76
CIELCh	90, 31.852, 85.631
Yxy	76.4112, 0.3743, 0.3876
Android (android.graphics.Color)	4294827942 (0xFFFDDFA6)
YUV	225.4720, -29.3197, 24.1421
Hunter-Lab	87.4135, -2.2946, 29.3522

Details

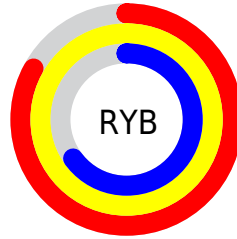
The Yxy color **76.4112, 0.3743, 0.3876** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.7057, 0.2551, 0.2622**, and the grayscale version is **75.8533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **40.8223, 0.3874, 0.3999** is the 20% darker color. If you saturate the color by 10%, you get **71.0275, 0.3954, 0.4045**, and if you desaturate by 10%, it is **82.2255, 0.3544, 0.3701**.

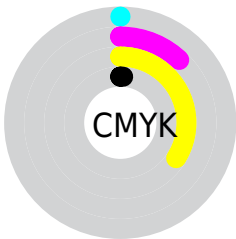
Distribution



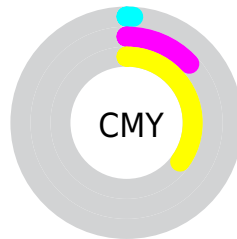
- Red (99%)
- Green (87%)
- Blue (65%)



- Red (83%)
- Yellow (99%)
- Blue (65%)



- Cyan (0%)
- Magenta (12%)
- Yellow (34%)
- Black (1%)





- Cyan (1%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4112, 0.3743, 0.3876 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 76.4112, 0.3743, 0.3876 by changing the saturation by 10% instead.


 76.4112, 0.3743,
0.3876


 76.4112, 0.3743,
0.3876

482.7541, 0.3463,
0.3612

 56.7698, 0.3805,
0.3934


 128.3080, 0.3647,
0.3786

 40.8204, 0.3880,
0.4003


 161.3321, 0.3610,
0.3751

 28.1788, 0.3974,
0.4089


199.5860, 0.3577,
0.3720

 18.4605, 0.4091,
0.4196

243.4539, 0.3548,
0.3693

 11.2811, 0.4242,
0.4331

293.3202, 0.3523,
0.3669

 6.2562, 0.4438,
0.4503

349.5695, 0.3501,

 3.0015, 0.4831,

0.3648

0.4852

412.5860, 0.3481,
0.3629

■ 1.1325, 0.5033,
0.4967

■ 0.0055, 0.9211,
0.0789

■ 76.4112, 0.3743,
0.3876

■ 76.4112, 0.3743,
0.3876

■ 71.0275, 0.3954,
0.4045

■ 82.2255, 0.3544,
0.3701

■ 66.0495, 0.4171,
0.4200

■ 88.4731, 0.3361,
0.3528

■ 61.4651, 0.4386,
0.4328

■ 95.1704, 0.3195,
0.3361

■ 57.2572, 0.4588,
0.4418

99.6297, 0.3115,
0.3290

■ 53.4062, 0.4767,
0.4460

■ 49.8893, 0.4913,
0.4449

■ 48.0470, 0.4983,
0.4425

Harmonies

Analogous

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



76.4112, 0.3880, 0.3636



76.4112, 0.3743, 0.3876



76.4112, 0.3442, 0.3969

Triad

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



76.4112, 0.3743, 0.3876



76.4112, 0.2494, 0.3188



76.4112, 0.3152, 0.2804

Complementary

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



76.4112, 0.3743, 0.3876



54.7057, 0.2551, 0.2622

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.



76.4112, 0.2789, 0.2684



76.4112, 0.3743, 0.3876



76.4112, 0.2427, 0.2880

Square

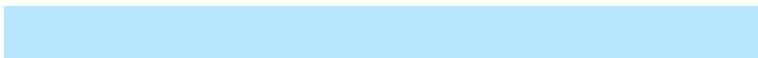
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4112, 0.3743, 0.3876



76.4112, 0.2723, 0.3556



76.4112, 0.2531, 0.2706



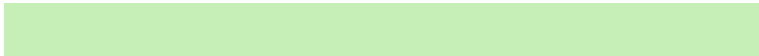
76.4112, 0.3528, 0.3035

Rectangle

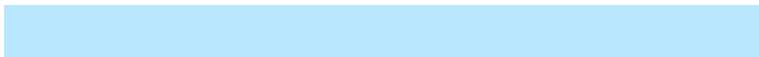
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4112, 0.3743, 0.3876



76.4112, 0.3194, 0.3917



76.4112, 0.2531, 0.2706



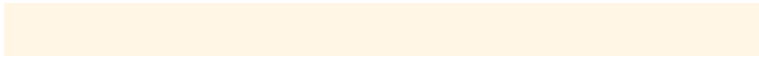
76.4112, 0.3024, 0.2750

Sweetspot

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



76.4147, 0.3743, 0.3876



92.9764, 0.3286, 0.3454



52.1719, 0.3656, 0.2972



19.6975, 0.3310, 0.3477



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

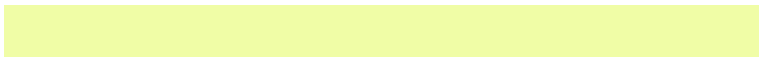
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.4147, 0.3743, 0.3876



74.0909, 0.3881, 0.3989



91.5502, 0.3557, 0.4178



19.9729, 0.3278, 0.3445



25.8332, 0.4967, 0.4438



2.7193, 0.4856, 0.4527

Inverse Universe

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



54.7057, 0.2551, 0.2622



49.0940, 0.2431, 0.2467



43.9607, 0.2593, 0.2281



18.4031, 0.2979, 0.3130



7.6719, 0.1641, 0.1106



0.9415, 0.1703, 0.1330

Previews

White Background



This preview shows how the Yxy color 76.4112, 0.3743, 0.3876 looks on a white background.

Color Contrast Check

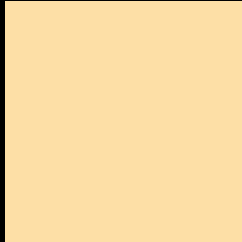
Large Text (above 18pt) WCAG AA × Fail

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 76.4112, 0.3743, 0.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

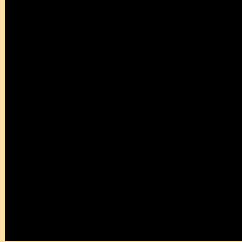
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4112, 0.3743, 0.3876

Background



This preview shows how black text looks on a background with the Yxy color 76.4112, 0.3743, 0.3876.



This preview shows how white text looks on a background with the Yxy color 76.4112, 0.3743, 0.3876.

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

76.4112, 0.3743, 0.3876

Protanopia

76.2374, 0.3650, 0.3912

Deuteranopia

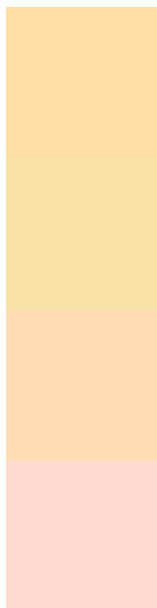
76.1641, 0.3596, 0.3598



Tritanopia

76.5989, 0.3315, 0.3161

Trichromacy



Original Color

76.4112, 0.3743, 0.3876

Protanomaly

76.4146, 0.3683, 0.3895

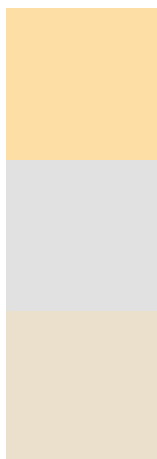
Deuteranomaly

76.1199, 0.3651, 0.3702

Tritanomaly

76.2389, 0.3468, 0.3413

Monochromacy



Original Color

76.4112, 0.3743, 0.3876

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.3331, 0.3340, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4112, 0.3743, 0.3876 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(253, 223, 166)` looks like.

```
.text, #text, p{  
    color:rgb(253, 223, 166)  
}
```

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(253, 223, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 223, 166) }
```

Border

The CSS property to change the border of an element to Yxy 76.4112, 0.3743, 0.3876 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(253, 223, 166) }
```

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

```
.border{ border-color:rgb(253, 223, 166) }
```

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

Here you see how a box with a 4 pixel rgb(253, 223, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 223, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 223, 166);  
box-shadow:4px 4px 4px 4px rgb(253, 223,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4112, 0.3743, 0.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 223, 166) }
```

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

```
.background{ background-color: rgb(253,  
223, 166) }
```

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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