

Converting Colors

$Y_{xy}(84.6671, 0.3859, 0.3722)$

Have a look what the booklet for
Yxy(84.6671, 0.3859, 0.3722)
contains.

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Color

Yxy(78.9480, 0.3651, 0.3759)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2B4
RGB	255, 226, 180
RGB Percent	100%, 89%, 71%
CMY	0.0000, 0.1137, 0.2940
CMYK	0.00, 0.11, 0.29, 0.00
HSL	37°, 100%, 85%
HSV	37°, 29%, 100%
XYZ	76.6797, 78.9480, 54.3962
YIQ	229.4270, 32.0500, -8.1580

Conversions

Conversions Part 2

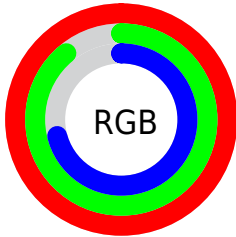
Format	Color
RYB	227, 255, 180
Decimal	16769716
CIELab	91.21, 3.35, 26.15
CIElCh	91, 26.363, 82.707
Yxy	78.9480, 0.3651, 0.3759
Android (android.graphics.Color)	4294959796 (0xFFFFE2B4)
YUV	229.4270, -24.3675, 22.4275
Hunter-Lab	88.8527, -1.4470, 25.8992

Details

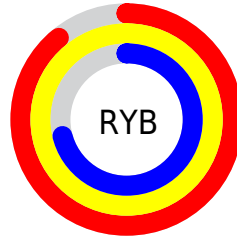
The Yxy color **78.9480, 0.3651, 0.3759** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.5469, 0.2644, 0.2770**, and the grayscale version is **78.8535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **42.5284, 0.3764, 0.3864** is the 20% darker color. If you saturate the color by 10%, you get **72.7926, 0.3864, 0.3922**, and if you desaturate by 10%, it is **85.6073, 0.3455, 0.3594**.

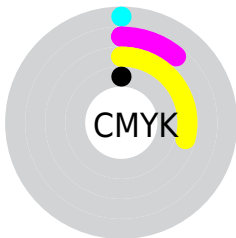
Distribution



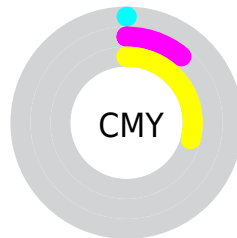
- Red (100%)
- Green (89%)
- Blue (71%)



- Red (89%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9480, 0.3651, 0.3759 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 78.9480, 0.3651, 0.3759 by changing the saturation by 10% instead.


 78.9480, 0.3651,
0.3759

 78.9480, 0.3651,
0.3759


491.3804, 0.3413,
0.3548

 58.8531, 0.3704,
0.3805


 131.8857, 0.3569,
0.3687

 42.4948, 0.3769,
0.3861

165.4972, 0.3537,
0.3659

 29.4890, 0.3849,
0.3930

204.3830, 0.3509,
0.3635

 19.4510, 0.3952,
0.4017

248.9275, 0.3485,
0.3613

 11.9966, 0.4087,
0.4129

299.5151, 0.3464,
0.3594

 6.7414, 0.4268,
0.4276

356.5302, 0.3445,

 3.3009, 0.4531,

0.3577

0.4480

420.3571, 0.3428,
0.3562

■ 1.2908, 0.5084,
0.4916

■ 0.1340, 0.6094,
0.3906

■ 78.9480, 0.3651,
0.3759

■ 78.9480, 0.3651,
0.3759

■ 72.7926, 0.3864,
0.3922

■ 85.6073, 0.3455,
0.3594

■ 67.1194, 0.4090,
0.4077

■ 92.7792, 0.3277,
0.3434

■ 61.9137, 0.4322,
0.4211

100.0000, 0.3127,
0.3290

■ 57.1573, 0.4550,
0.4313

■ 52.8298, 0.4761,
0.4372

■ 48.9082, 0.4944,
0.4379

■ 45.3597, 0.5093,
0.4335

■ 45.1556, 0.5102,
0.4331

Harmonies

Analogous

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



78.9480, 0.3744, 0.3557



78.9480, 0.3651, 0.3759



78.9480, 0.3417, 0.3843

Triad

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



78.9480, 0.3651, 0.3759



78.9480, 0.2618, 0.3239



78.9480, 0.3118, 0.2872

Complementary

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



78.9480, 0.3651, 0.3759



62.5469, 0.2644, 0.2770

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.



78.9480, 0.2825, 0.2784



78.9480, 0.3651, 0.3759



78.9480, 0.2547, 0.2978

Square

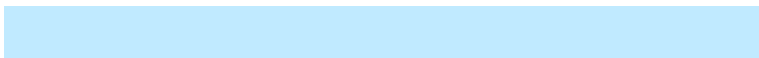
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9480, 0.3651, 0.3759



78.9480, 0.2821, 0.3535



78.9480, 0.2620, 0.2817



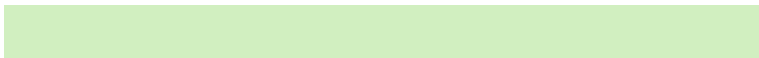
78.9480, 0.3428, 0.3058

Rectangle

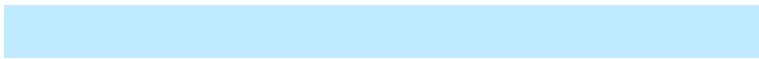
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.9480, 0.3651, 0.3759



78.9480, 0.3216, 0.3809



78.9480, 0.2620, 0.2817



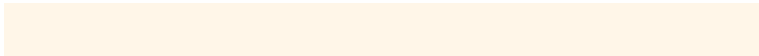
78.9480, 0.3014, 0.2830

Sweetspot

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



78.9500, 0.3651, 0.3759



93.0747, 0.3270, 0.3428



58.5721, 0.3523, 0.2982



19.6908, 0.3295, 0.3450



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

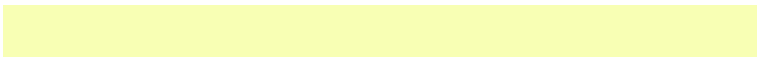
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9500, 0.3651, 0.3759



75.4394, 0.3768, 0.3851



94.6827, 0.3522, 0.4040



19.8415, 0.3279, 0.3436



23.8932, 0.5083, 0.4346



2.5385, 0.4954, 0.4449

Inverse Universe

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



62.5469, 0.2644, 0.2770



56.7367, 0.2546, 0.2653



50.5101, 0.2658, 0.2440



18.5299, 0.2979, 0.3140



8.6682, 0.1672, 0.1220



1.0482, 0.1735, 0.1445

Previews

White Background



This preview shows how the Yxy color 78.9480, 0.3651, 0.3759 looks on a white background.

Color Contrast Check

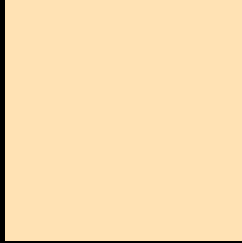
Large Text (above 18pt) WCAG AA × Fail

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 78.9480, 0.3651, 0.3759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

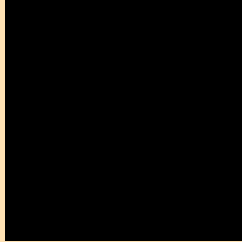
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.9480, 0.3651, 0.3759

Background



This preview shows how black text looks on a background with the Yxy color 78.9480, 0.3651, 0.3759.



This preview shows how white text looks on a background with the Yxy color 78.9480, 0.3651, 0.3759.

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

78.9480, 0.3651, 0.3759

Protanopia

79.3835, 0.3552, 0.3790

Deuteranopia

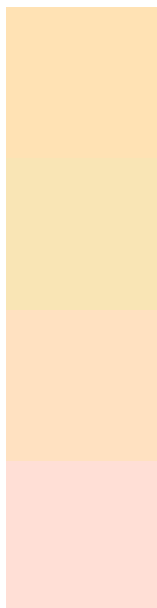
78.7884, 0.3509, 0.3524



Tritanopia

78.9134, 0.3283, 0.3161

Trichromacy



Original Color

78.9480, 0.3651, 0.3759

Protanomaly

79.5146, 0.3591, 0.3786

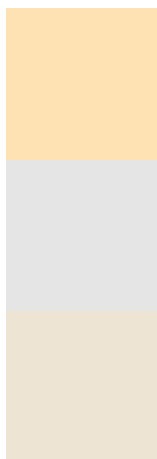
Deuteranomaly

78.9607, 0.3563, 0.3616

Tritanomaly

78.8904, 0.3419, 0.3382

Monochromacy



Original Color

78.9480, 0.3651, 0.3759

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.3671, 0.3309, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9480, 0.3651, 0.3759 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, 226, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 180)  
}
```

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, 226, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 180) }
```

Border

The CSS property to change the border of an element to Yxy 78.9480, 0.3651, 0.3759 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, 226, 180) }
```

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

```
.border{ border-color:rgb(255, 226, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9480, 0.3651, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 180) }
```

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

```
.background{ background-color: rgb(255,  
226, 180) }
```

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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