

Converting Colors

$Y_{xy}(78.9909, 0.3786, 0.3979)$

Have a look what the booklet for
Yxy(78.9909, 0.3786, 0.3979)
contains.

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Color

Yxy(78.7362, 0.3785, 0.3971)

Conversions

Conversions Part 1

Format	Color
Hex	FFE3A0
RGB	255, 227, 160
RGB Percent	100%, 89%, 63%
CMY	0.0001, 0.1098, 0.3726
CMYK	0.00, 0.11, 0.37, 0.00
HSL	42°, 100%, 81%
HSV	42°, 37%, 100%
XYZ	75.0482, 78.7362, 44.4936
YIQ	227.7340, 38.1950, -14.9010

Conversions

Conversions Part 2

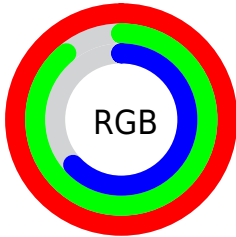
Format	Color
R _Y B	200, 255, 160
Decimal	16769952
CIE Lab	91.11, 0.44, 36.27
CIE LCh	91, 36.269, 89.312
Yxy	78.7362, 0.3785, 0.3971
Android (android.graphics.Color)	4294960032 (0xFFFFE3A0)
YUV	227.7340, -33.3929, 23.9123
Hunter-Lab	88.7334, -4.3132, 32.3836

Details

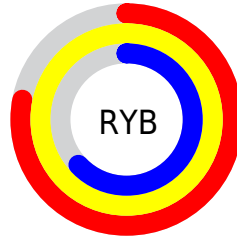
The Yxy color **78.7362, 0.3785, 0.3971** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.6390, 0.2490, 0.2496**, and the grayscale version is **77.6063, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6863, 0.3364, 0.3681**, and **42.4581, 0.3923, 0.4114** is the 20% darker color. If you saturate the color by 10%, you get **73.9192, 0.3986, 0.4148**, and if you desaturate by 10%, it is **83.9225, 0.3591, 0.3785**.

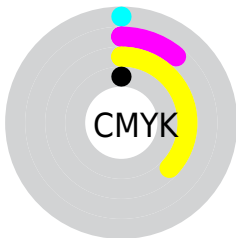
Distribution



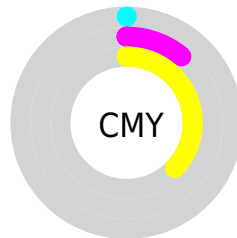
- Red (100%)
- Green (89%)
- Blue (63%)



- Red (78%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (11%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.7362, 0.3785, 0.3971 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 78.7362, 0.3785, 0.3971 by changing the saturation by 10% instead.

 78.7362, 0.3785,
0.3971


 78.7362, 0.3785,
0.3971


490.6635, 0.3489,
0.3666

 58.6789, 0.3849,
0.4037


 131.5874, 0.3685,
0.3868

 42.3547, 0.3927,
0.4117


 165.1502, 0.3645,
0.3827

 29.3791, 0.4021,
0.4214


203.9835, 0.3611,
0.3791

 19.3678, 0.4138,
0.4334

248.4719, 0.3580,
0.3760

 11.9364, 0.4285,
0.4484

298.9997, 0.3554,
0.3732

 6.7004, 0.4467,
0.4670

355.9513, 0.3530,

 3.2754, 0.4886,

0.3707

0.5099

419.7111, 0.3509,
0.3685

■ 1.2772, 0.4901,
0.5099

■ 0.1234, 0.5090,
0.4910

■ 78.7362, 0.3785,
0.3971

■ 78.7362, 0.3785,
0.3971

■ 73.9192, 0.3986,
0.4148

■ 83.9225, 0.3591,
0.3785

■ 69.4471, 0.4187,
0.4306

■ 89.4798, 0.3408,
0.3599

■ 65.3088, 0.4380,
0.4433

■ 95.4234, 0.3240,
0.3417

■ 61.4877, 0.4554,
0.4519

99.9965, 0.3127,
0.3290

■ 57.9647, 0.4701,
0.4557

■ 54.7158, 0.4816,
0.4544

■ 53.8627, 0.4845,
0.4535

Harmonies

Analogous

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



78.7362, 0.3969, 0.3711



78.7362, 0.3785, 0.3971



78.7362, 0.3428, 0.4057

Triad

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



78.7362, 0.3785, 0.3971



78.7362, 0.2399, 0.3123



78.7362, 0.3206, 0.2773

Complementary

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



78.7362, 0.3785, 0.3971



50.6390, 0.2490, 0.2496

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.



78.7362, 0.2791, 0.2622



78.7362, 0.3785, 0.3971



78.7362, 0.2349, 0.2794

Square

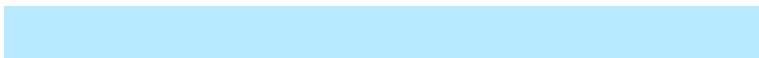
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.7362, 0.3785, 0.3971



78.7362, 0.2633, 0.3540



78.7362, 0.2486, 0.2623



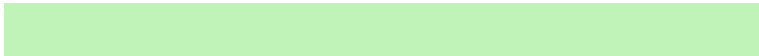
78.7362, 0.3626, 0.3040

Rectangle

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



78.7362, 0.3785, 0.3971



78.7362, 0.3147, 0.3980



78.7362, 0.2486, 0.2623



78.7362, 0.3061, 0.2707

Sweetspot

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



78.7398, 0.3785, 0.3971



93.1668, 0.3301, 0.3484



50.0460, 0.3764, 0.2994



19.7684, 0.3324, 0.3509



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.



78.7398, 0.3785, 0.3971



74.9875, 0.3940, 0.4109



91.8758, 0.3558, 0.4263



20.1343, 0.3276, 0.3457



28.4206, 0.4831, 0.4546



2.9569, 0.4741, 0.4618

Inverse Universe

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



50.6390, 0.2490, 0.2496



43.1027, 0.2346, 0.2296



41.9386, 0.2573, 0.2193



18.2491, 0.2979, 0.3117



6.6309, 0.1606, 0.0980



0.8253, 0.1666, 0.1199

Previews

White Background



This preview shows how the Yxy color 78.7362, 0.3785, 0.3971 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 78.7362, 0.3785, 0.3971 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 78.7362, 0.3785, 0.3971

Background



This preview shows how black text looks on a background with the Yxy color 78.7362, 0.3785, 0.3971.



This preview shows how white text looks on a background with the Yxy color 78.7362, 0.3785, 0.3971.

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

78.7362, 0.3785, 0.3971

Protanopia

78.5683, 0.3718, 0.3993

Deuteranopia

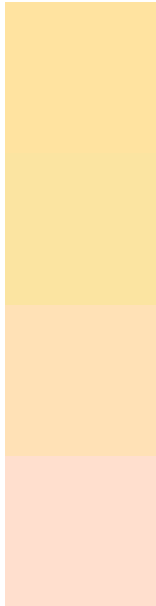
78.5114, 0.3551, 0.3586



Tritanopia

78.8561, 0.3290, 0.3171

Trichromacy



Original Color

78.7362, 0.3785, 0.3971

Protanomaly

78.5692, 0.3745, 0.3978

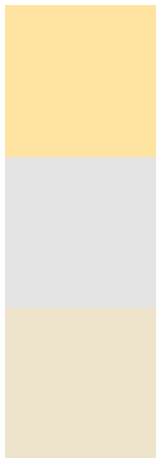
Deuteranomaly

78.4878, 0.3640, 0.3729

Tritanomaly

78.4916, 0.3475, 0.3463

Monochromacy



Original Color

78.7362, 0.3785, 0.3971

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.9757, 0.3363, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7362, 0.3785, 0.3971 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, 227, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 160)  
}
```

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, 227, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 160) }
```

Border

The CSS property to change the border of an element to Yxy 78.7362, 0.3785, 0.3971 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, 227, 160) }
```

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

```
.border{ border-color:rgb(255, 227, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 227, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7362, 0.3785, 0.3971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 160) }
```

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

```
.background{ background-color: rgb(255,  
227, 160) }
```

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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