

Converting Colors

$Y_{xy}(100.0000, 0.4779, 0.3982)$

Have a look what the booklet for
Yxy(100.0000, 0.4779, 0.3982)
contains.

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Color

Yxy(74.3534, 0.4063, 0.4282)

Conversions

Conversions Part 1

Format	Color
Hex	FFDD79
RGB	255, 221, 121
RGB Percent	100%, 87%, 47%
CMY	0.0000, 0.1333, 0.5253
CMYK	0.00, 0.13, 0.53, 0.00
HSL	45°, 100%, 74%
HSV	45°, 53%, 100%
XYZ	70.5506, 74.3534, 28.7377
YIQ	219.7660, 52.3640, -23.8920

Conversions

Conversions Part 2

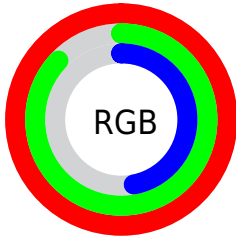
Format	Color
RYB	167, 255, 121
Decimal	16768377
CIELab	89.09, -0.26, 52.90
CIELCh	89, 52.899, 90.278
Yxy	74.3534, 0.4063, 0.4282
Android (android.graphics.Color)	4294958457 (0xFFFFDD79)
YUV	219.7660, -48.6916, 30.9002
Hunter-Lab	86.2284, -4.8540, 40.6001

Details

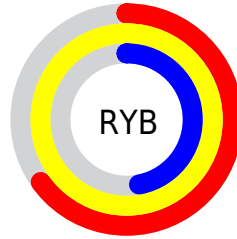
The Yxy color **74.3534, 0.4063, 0.4282** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.7469, 0.2193, 0.2023**, and the grayscale version is **71.7219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8751, 0.3603, 0.4076**, and **39.4379, 0.4250, 0.4472** is the 20% darker color. If you saturate the color by 10%, you get **70.4590, 0.4247, 0.4432**, and if you desaturate by 10%, it is **78.5512, 0.3872, 0.4106**.

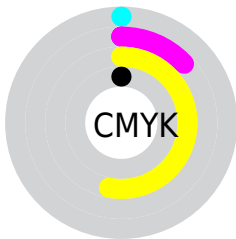
Distribution



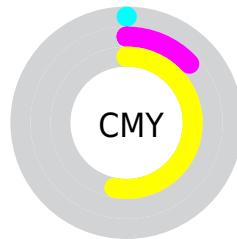
- Red (100%)
- Green (87%)
- Blue (47%)



- Red (65%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (13%)
- Yellow (53%)
- Black (0%)




- Cyan (0%)
- Magenta (13%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3534, 0.4063, 0.4282 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 74.3534, 0.4063, 0.4282 by changing the saturation by 10% instead.


 74.3534, 0.4063,
0.4282


 74.3534, 0.4063,
0.4282


475.6922, 0.3651,
0.3844

 55.0833, 0.4148,
0.4372

 125.3966, 0.3926,
0.4137

 39.4684, 0.4247,
0.4478


 157.9386, 0.3871,
0.4078

 27.1243, 0.4363,
0.4601


 195.6734, 0.3823,
0.4027

 17.6666, 0.4495,
0.4742

238.9852, 0.3780,
0.3982

 10.7109, 0.4639,
0.4897

288.2587, 0.3742,
0.3942

 5.8728, 0.4863,
0.5137

343.8780, 0.3708,

 2.7679, 0.4860,

0.3906

0.5140

406.2277, 0.3678,
0.3873

■ 1.0118, 0.4855,
0.5145

■ 0.0000, 0.0000,
0.0000

■ 74.3534, 0.4063,
0.4282

■ 74.3534, 0.4063,
0.4282

■ 70.4590, 0.4247,
0.4432

■ 78.5512, 0.3872,
0.4106

■ 66.8438, 0.4415,
0.4546

■ 83.0562, 0.3682,
0.3915

■ 63.4940, 0.4558,
0.4614

■ 87.8839, 0.3498,
0.3719

■ 60.3894, 0.4672,
0.4633

■ 93.0455, 0.3325,
0.3524

■ 58.2088, 0.4739,
0.4619

■ 98.5516, 0.3165,
0.3336

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



74.3534, 0.4365, 0.3879



74.3534, 0.4063, 0.4282



74.3534, 0.3525, 0.4449

Triad

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



74.3534, 0.4063, 0.4282



74.3534, 0.2072, 0.2999



74.3534, 0.3254, 0.2562

Complementary

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



74.3534, 0.4063, 0.4282



34.7469, 0.2193, 0.2023

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.



74.3534, 0.2645, 0.2344



74.3534, 0.4063, 0.4282



74.3534, 0.2017, 0.2538

Square

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



74.3534, 0.4063, 0.4282



74.3534, 0.2383, 0.3639



74.3534, 0.2214, 0.2326



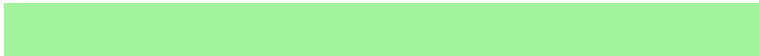
74.3534, 0.3884, 0.2934

Rectangle

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



74.3534, 0.4063, 0.4282



74.3534, 0.3112, 0.4343



74.3534, 0.2214, 0.2326



74.3534, 0.3038, 0.2470

Sweetspot

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



74.3565, 0.4063, 0.4282



91.2155, 0.3384, 0.3591



37.3735, 0.4241, 0.2927



19.2957, 0.3419, 0.3631



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.



74.3565, 0.4063, 0.4282



70.2826, 0.4255, 0.4438



88.7083, 0.3675, 0.4666



20.2641, 0.3275, 0.3466



30.6670, 0.4728, 0.4628



3.1606, 0.4653, 0.4687

Inverse Universe

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



34.7469, 0.2193, 0.2023



26.9805, 0.2005, 0.1724



27.6119, 0.2319, 0.1689



18.1268, 0.2979, 0.3107



5.9309, 0.1581, 0.0892



0.7433, 0.1639, 0.1101

Previews

White Background



This preview shows how the Yxy color 74.3534, 0.4063, 0.4282 looks on a white background.

Color Contrast Check

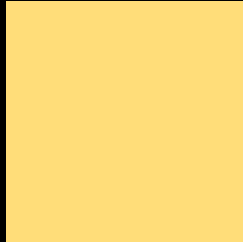
Large Text (above 18pt) WCAG AA × Fail

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 74.3534, 0.4063, 0.4282 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 74.3534, 0.4063, 0.4282

Background



This preview shows how black text looks on a background with the Yxy color 74.3534, 0.4063, 0.4282.



This preview shows how white text looks on a background with the Yxy color 74.3534, 0.4063, 0.4282.

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

74.3534, 0.4063, 0.4282

Protanopia

74.3093, 0.3972, 0.4329

Deuteranopia

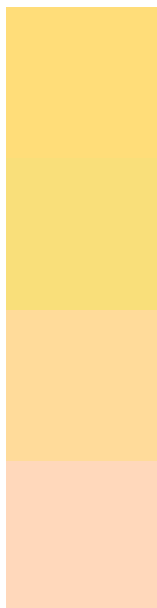
74.4199, 0.3725, 0.3753



Tritanopia

74.2847, 0.3355, 0.3170

Trichromacy



Original Color

74.3534, 0.4063, 0.4282

Protanomaly

74.3202, 0.4000, 0.4311

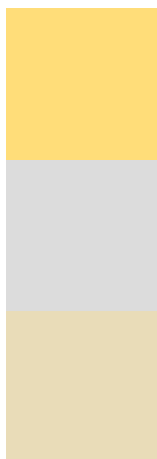
Deuteranomaly

74.2561, 0.3856, 0.3955

Tritanomaly

73.9596, 0.3628, 0.3589

Monochromacy



Original Color

74.3534, 0.4063, 0.4282

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.9707, 0.3471, 0.3682

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3534, 0.4063, 0.4282 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, 221, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 121)  
}
```

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, 221, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 121) }
```

Border

The CSS property to change the border of an element to Yxy 74.3534, 0.4063, 0.4282 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, 221, 121) }
```

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

```
.border{ border-color:rgb(255, 221, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3534, 0.4063, 0.4282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 121) }
```

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

```
.background{ background-color: rgb(255,  
221, 121) }
```

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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