

Converting Colors

$Y_{xy}(79.0205, 0.4014, 0.4371)$

Have a look what the booklet for
Yxy(79.0205, 0.4014, 0.4371)
contains.

Yxy(79.0205, 0.4014, 0.4371)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.0205, 0.4014, 0.4371)

Conversions

Conversions Part 1

Format	Color
Hex	FEE678
RGB	254, 230, 120
RGB Percent	100%, 90%, 47%
CMY	0.0038, 0.0980, 0.5294
CMYK	0.00, 0.09, 0.53, 0.00
HSL	49°, 99%, 73%
HSV	49°, 53%, 100%
XYZ	72.5665, 79.0205, 29.1965
YIQ	224.6360, 49.6140, -29.1220

Conversions

Conversions Part 2

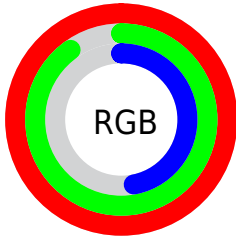
Format	Color
RYB	149, 254, 120
Decimal	16705144
CIELab	91.24, -5.27, 55.93
CIELCh	91, 56.181, 95.384
Yxy	79.0205, 0.4014, 0.4371
Android (android.graphics.Color)	4294895224 (0xFFEE678)
YUV	224.6360, -51.5855, 25.7522
Hunter-Lab	88.8935, -9.8484, 42.7520

Details

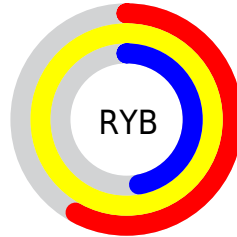
The Yxy color **79.0205, 0.4014, 0.4371** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **31.1051, 0.2163, 0.1889**, and the grayscale version is **75.3747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8751, 0.3603, 0.4076**, and **42.6673, 0.4177, 0.4587** is the 20% darker color. If you saturate the color by 10%, you get **75.9855, 0.4173, 0.4532**, and if you desaturate by 10%, it is **82.2927, 0.3843, 0.4183**.

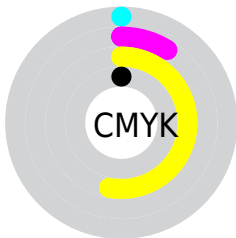
Distribution



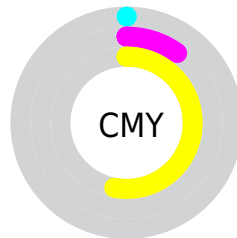
- Red (100%)
- Green (90%)
- Blue (47%)



- Red (58%)
- Yellow (100%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (53%)
- Black (0%)





- Cyan (0%)
- Magenta (10%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0205, 0.4014, 0.4371 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 79.0205, 0.4014, 0.4371 by changing the saturation by 10% instead.


 79.0205, 0.4014,
0.4371


 79.0205, 0.4014,
0.4371


491.6257, 0.3633,
0.3894


 58.9127, 0.4090,
0.4470

 131.9877, 0.3890,
0.4213

 42.5428, 0.4177,
0.4585


 165.6159, 0.3839,
0.4149

 29.5266, 0.4277,
0.4720


 204.5196, 0.3794,
0.4093

 19.4795, 0.4387,
0.4877

249.0833, 0.3755,
0.4044

 12.0173, 0.4501,
0.5052

299.6914, 0.3719,
0.4000

 6.7554, 0.4677,
0.5323

356.7282, 0.3687,

 3.3096, 0.4623,

0.3961

0.5377

420.5782, 0.3659,
0.3926

■ 1.2954, 0.4530,
0.5470

■ 0.1377, 0.0156,
0.9844

■ 79.0205, 0.4014,
0.4371

■ 79.0205, 0.4014,
0.4371

■ 75.9855, 0.4173,
0.4532

■ 82.2927, 0.3843,
0.4183

■ 73.1628, 0.4313,
0.4655

■ 85.8033, 0.3667,
0.3977

■ 70.5404, 0.4427,
0.4734

■ 89.5671, 0.3493,
0.3764

■ 68.0991, 0.4512,
0.4765

■ 93.5945, 0.3326,
0.3552

 66.4247, 0.4558,
0.4763

 97.8951, 0.3169,
0.3345

99.8153, 0.3121,
0.3290

Harmonies

Analogous

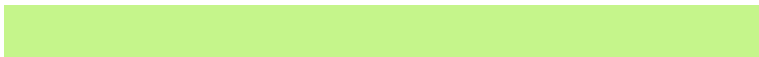
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0205, 0.4383, 0.3976



79.0205, 0.4014, 0.4371



79.0205, 0.3429, 0.4490

Triad

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



79.0205, 0.4014, 0.4371



79.0205, 0.2005, 0.2886



79.0205, 0.3373, 0.2592

Complementary

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



79.0205, 0.4014, 0.4371



31.1051, 0.2163, 0.1889

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.



79.0205, 0.2723, 0.2336



79.0205, 0.4014, 0.4371



79.0205, 0.1995, 0.2453

Square

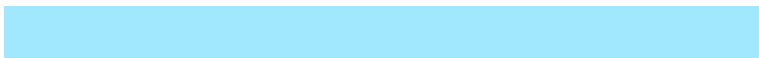
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0205, 0.4014, 0.4371



79.0205, 0.2281, 0.3533



79.0205, 0.2240, 0.2278



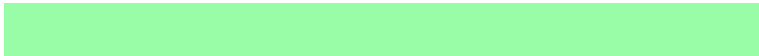
79.0205, 0.4012, 0.2996

Rectangle

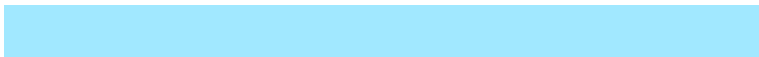
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0205, 0.4014, 0.4371



79.0205, 0.3000, 0.4330



79.0205, 0.2240, 0.2278



79.0205, 0.3147, 0.2487

Sweetspot

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



79.0242, 0.4014, 0.4371



93.0672, 0.3379, 0.3620



36.5397, 0.4386, 0.3042



19.7403, 0.3414, 0.3664



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

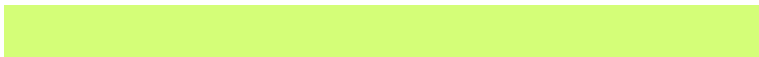
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0242, 0.4014, 0.4371



76.5767, 0.4177, 0.4535



86.1901, 0.3600, 0.4710



20.5041, 0.3274, 0.3484



35.2112, 0.4551, 0.4769



3.5664, 0.4502, 0.4807

Inverse Universe

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



31.1051, 0.2163, 0.1889



23.8211, 0.1970, 0.1575



28.3183, 0.2399, 0.1715



17.9042, 0.2979, 0.3089



4.9330, 0.1545, 0.0761



0.6166, 0.1595, 0.0943

Previews

White Background



This preview shows how the Yxy color 79.0205, 0.4014, 0.4371 looks on a white background.

Color Contrast Check

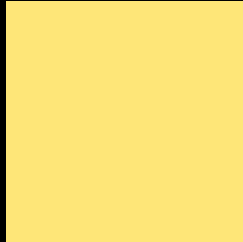
Large Text (above 18pt) WCAG AA × Fail

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 79.0205, 0.4014, 0.4371 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 79.0205, 0.4014, 0.4371

Background



This preview shows how black text looks on a background with the Yxy color 79.0205, 0.4014, 0.4371.



This preview shows how white text looks on a background with the Yxy color 79.0205, 0.4014, 0.4371.

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

79.0205, 0.4014, 0.4371

Protanopia

79.0205, 0.4014, 0.4371

Deuteranopia

78.8281, 0.3584, 0.3647



Tritanopia

78.8561, 0.3290, 0.3171

Trichromacy



Original Color

79.0205, 0.4014, 0.4371

Protanomaly

79.0205, 0.4014, 0.4371



Deuteranomaly

78.9148, 0.3751, 0.3921



Tritanomaly

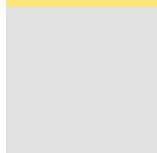
78.3771, 0.3572, 0.3617

Monochromacy



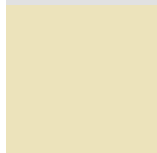
Original Color

79.0205, 0.4014, 0.4371



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

76.3589, 0.3458, 0.3718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0205, 0.4014, 0.4371 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(254, 230, 120)` looks like.

```
.text, #text, p{  
    color:rgb(254, 230, 120)  
}
```

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(254, 230, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 230, 120) }
```

Border

The CSS property to change the border of an element to Yxy 79.0205, 0.4014, 0.4371 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(254, 230, 120) }
```

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

```
.border{ border-color:rgb(254, 230, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 230, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 230, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 230, 120);  
box-shadow:4px 4px 4px 4px rgb(254, 230,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0205, 0.4014, 0.4371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 230, 120) }
```

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

```
.background{ background-color: rgb(254,  
230, 120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor