

Converting Colors

$Y_{xy}(74.2073, 0.4121, 0.4438)$

Have a look what the booklet for
Yxy(74.2073, 0.4121, 0.4438)
contains.

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Color

Yxy(74.4907, 0.4120, 0.4443)

Conversions

Conversions Part 1

Format	Color
Hex	FCDF69
RGB	252, 223, 105
RGB Percent	99%, 87%, 41%
CMY	0.0118, 0.1254, 0.5884
CMYK	0.00, 0.11, 0.58, 0.01
HSL	48°, 96%, 70%
HSV	48°, 58%, 99%
XYZ	69.0753, 74.4907, 24.0925
YIQ	218.2190, 55.1620, -30.5500

Conversions

Conversions Part 2

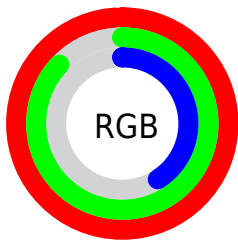
Format	Color
RYB	141, 252, 105
Decimal	16572265
CIELab	89.15, -3.71, 60.33
CIELCh	89, 60.446, 93.522
Yxy	74.4907, 0.4120, 0.4443
Android (android.graphics.Color)	4294762345 (0xFFFCDF69)
YUV	218.2190, -55.8170, 29.6259
Hunter-Lab	86.3080, -8.1792, 43.8650

Details

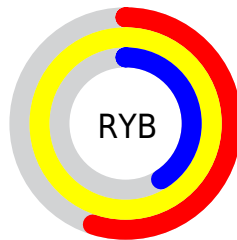
The Yxy color **74.4907, 0.4120, 0.4443** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **27.0595, 0.2064, 0.1750**, and the grayscale version is **70.6328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3181, 0.3689, 0.4219**, and **39.4507, 0.4294, 0.4662** is the 20% darker color. If you saturate the color by 10%, you get **71.4364, 0.4275, 0.4582**, and if you desaturate by 10%, it is **77.7832, 0.3949, 0.4271**.

Distribution



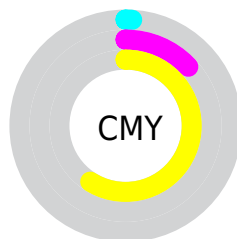
- Red (99%)
- Green (87%)
- Blue (41%)



- Red (55%)
- Yellow (99%)
- Blue (41%)



- Cyan (0%)
- Magenta (11%)
- Yellow (58%)
- Black (1%)



- Cyan (1%)
- Magenta (13%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4907, 0.4120, 0.4443 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 74.4907, 0.4120, 0.4443 by changing the saturation by 10% instead.


 74.4907, 0.4120,
0.4443


 74.4907, 0.4120,
0.4443


476.1652, 0.3693,
0.3937

 55.1958, 0.4204,
0.4545


 125.5912, 0.3982,
0.4277


 39.5585, 0.4299,
0.4663

 158.1655, 0.3925,
0.4209

 27.1945, 0.4405,
0.4798


 195.9350, 0.3875,
0.4150

 17.7193, 0.4518,
0.4947

 239.2842, 0.3830,
0.4097

 10.7487, 0.4642,
0.5120

288.5974, 0.3790,
0.4051

 5.8981, 0.4729,
0.5271

344.2591, 0.3754,

 2.7832, 0.4687,

0.4009

406.6535, 0.3722,
0.3971

0.5313

■ 1.0196, 0.4612,
0.5388

■ 0.0000, 0.0000,
0.0000

■ 74.4907, 0.4120,
0.4443

■ 74.4907, 0.4120,
0.4443

■ 71.4364, 0.4275,
0.4582

■ 77.7832, 0.3949,
0.4271

■ 68.5952, 0.4408,
0.4678

■ 81.3164, 0.3771,
0.4078

■ 65.9533, 0.4512,
0.4728

■ 85.1054, 0.3593,
0.3871

■ 63.4870, 0.4588,
0.4732

■ 89.1611, 0.3420,
0.3662

63.0898, 0.4599,
0.4730

93.4933, 0.3255,
0.3456

98.0368, 0.3109,
0.3269

99.4315, 0.3108,
0.3290

Harmonies

Analogous

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



74.4907, 0.4510, 0.3990



74.4907, 0.4120, 0.4443



74.4907, 0.3489, 0.4618

Triad

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



74.4907, 0.4120, 0.4443



74.4907, 0.1920, 0.2878



74.4907, 0.3347, 0.2511

Complementary

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



74.4907, 0.4120, 0.4443



27.0595, 0.2064, 0.1750

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.



74.4907, 0.2644, 0.2248



74.4907, 0.4120, 0.4443



74.4907, 0.1894, 0.2396

Square

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



74.4907, 0.4120, 0.4443



74.4907, 0.2230, 0.3602



74.4907, 0.2140, 0.2197



74.4907, 0.4060, 0.2936

Rectangle

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



74.4907, 0.4120, 0.4443



74.4907, 0.3023, 0.4469



74.4907, 0.2140, 0.2197



74.4907, 0.3099, 0.2402

Sweetspot

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



74.4942, 0.4120, 0.4443



91.7538, 0.3414, 0.3655



32.5197, 0.4568, 0.3000



19.3726, 0.3464, 0.3716



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.



74.4942, 0.4120, 0.4443



72.8873, 0.4300, 0.4601



84.0186, 0.3648, 0.4840



19.5755, 0.3274, 0.3479



33.0824, 0.4591, 0.4737



3.2070, 0.4534, 0.4782

Inverse Universe

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



27.0595, 0.2064, 0.1750



20.2921, 0.1860, 0.1407



23.5198, 0.2284, 0.1534



17.1965, 0.2979, 0.3094



4.9953, 0.1553, 0.0790



0.6034, 0.1609, 0.0991

Previews

White Background



This preview shows how the Yxy color 74.4907, 0.4120, 0.4443 looks on a white background.

Color Contrast Check

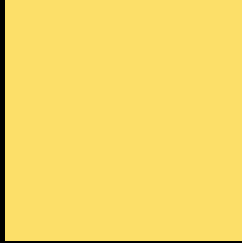
Large Text (above 18pt) WCAG AA × Fail

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 74.4907, 0.4120, 0.4443 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 74.4907, 0.4120, 0.4443

Background



This preview shows how black text looks on a background with the Yxy color 74.4907, 0.4120, 0.4443.

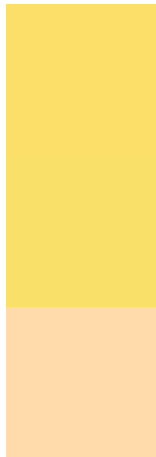


This preview shows how white text looks on a background with the Yxy color 74.4907, 0.4120, 0.4443.

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

74.4907, 0.4120, 0.4443

Protanopia

74.2877, 0.4083, 0.4466

Deuteranopia

74.3431, 0.3739, 0.3774



Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.4907, 0.4120, 0.4443

Protanomaly

74.4710, 0.4091, 0.4462

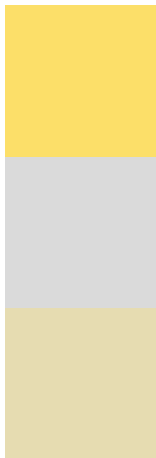
Deuteranomaly

74.3638, 0.3893, 0.4036

Tritanomaly

74.0739, 0.3654, 0.3652

Monochromacy



Original Color

74.4907, 0.4120, 0.4443

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.1837, 0.3497, 0.3762

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4907, 0.4120, 0.4443 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(252, 223, 105)` looks like.

```
.text, #text, p{  
    color:rgb(252, 223, 105)  
}
```

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(252, 223, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 223, 105) }
```

Border

The CSS property to change the border of an element to Yxy 74.4907, 0.4120, 0.4443 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(252, 223, 105) }
```

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

```
.border{ border-color:rgb(252, 223, 105) }
```

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

Here you see how a box with a 4 pixel rgb(252, 223, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 223, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 223, 105);  
box-shadow:4px 4px 4px 4px rgb(252, 223,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4907, 0.4120, 0.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 223, 105) }
```

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

```
.background{ background-color: rgb(252,  
223, 105) }
```

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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