

Converting Colors

$Yxy(74.9008, 0.4045, 0.4495)$

Have a look what the booklet for
Yxy(74.9008, 0.4045, 0.4495)
contains.

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Color

Yxy(74.8251, 0.4049, 0.4494)

Conversions

Conversions Part 1

Format	Color
Hex	F5E269
RGB	245, 226, 105
RGB Percent	96%, 89%, 41%
CMY	0.0390, 0.1138, 0.5881
CMYK	0.00, 0.08, 0.57, 0.04
HSL	52°, 88%, 69%
HSV	52°, 57%, 96%
XYZ	67.4158, 74.8251, 24.2590
YIQ	217.8870, 50.1650, -33.6030

Conversions

Conversions Part 2

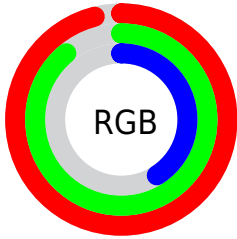
Format	Color
R_{YB}	127, 245, 105
Decimal	16114281
CIE Lab	89.31, -8.02, 60.32
CIE LCh	89, 60.855, 97.572
Yxy	74.8251, 0.4049, 0.4494
Android (android.graphics.Color)	4294304361 (0xFFFF5E269)
YUV	217.8870, -55.6533, 23.7781
Hunter-Lab	86.5015, -12.2618, 43.9234

Details

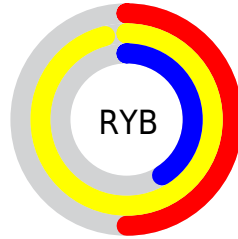
The Yxy color **74.8251, 0.4049, 0.4494** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.0358, 0.2064, 0.1680**, and the grayscale version is **70.4012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3181, 0.3689, 0.4219**, and **39.8039, 0.4207, 0.4729** is the 20% darker color. If you saturate the color by 10%, you get **72.5988, 0.4187, 0.4645**, and if you desaturate by 10%, it is **77.2389, 0.3894, 0.4310**.

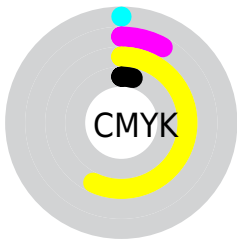
Distribution



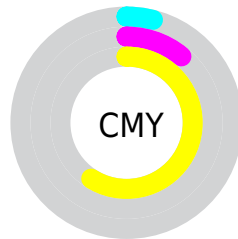
- Red (96%)
- Green (89%)
- Blue (41%)



- Red (50%)
- Yellow (96%)
- Blue (41%)



- Cyan (0%)
- Magenta (8%)
- Yellow (57%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8251, 0.4049, 0.4494 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 74.8251, 0.4049, 0.4494 by changing the saturation by 10% instead.

 74.8251, 0.4049,
0.4494

 74.8251, 0.4049,
0.4494

477.3162, 0.3657,
0.3959

 55.4696, 0.4125,
0.4604


 126.0648, 0.3923,
0.4317


 39.7778, 0.4210,
0.4732

 158.7177, 0.3871,
0.4245

 27.3654, 0.4304,
0.4881


 196.5720, 0.3825,
0.4182

 17.8478, 0.4401,
0.5049

 240.0119, 0.3783,
0.4127

 10.8408, 0.4501,
0.5247

289.4219, 0.3747,
0.4078

 5.9599, 0.4560,
0.5440

345.1863, 0.3713,

 2.8207, 0.4469,

0.4034

0.5531

407.6896, 0.3684,
0.3995

■ 1.0389, 0.4301,
0.5699

■ 0.0000, 0.0000,
0.0000

■ 74.8251, 0.4049,
0.4494

■ 74.8251, 0.4049,
0.4494

■ 72.5988, 0.4187,
0.4645

■ 77.2389, 0.3894,
0.4310

■ 70.5364, 0.4301,
0.4755


■ 79.8410, 0.3729,
0.4104


■ 68.6261, 0.4388,
0.4820

■ 82.6456, 0.3561,
0.3884


■ 66.8482, 0.4446,
0.4839


■ 85.6620, 0.3395,
0.3661


 66.3558, 0.4460,
0.4841

 88.8992, 0.3235,
0.3442

 92.3654, 0.3085,
0.3231

 94.6013, 0.3067,
0.3235

 96.6853, 0.3067,
0.3267

 98.1612, 0.3066,
0.3290

Harmonies

Analogous

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



74.8251, 0.4484, 0.4062



74.8251, 0.4049, 0.4494



74.8251, 0.3396, 0.4614

Triad

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



74.8251, 0.4049, 0.4494



74.8251, 0.1895, 0.2793



74.8251, 0.3450, 0.2556

Complementary

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



74.8251, 0.4049, 0.4494



24.0358, 0.2064, 0.1680

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.



74.8251, 0.2728, 0.2267



74.8251, 0.4049, 0.4494



74.8251, 0.1907, 0.2348

Square

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



74.8251, 0.4049, 0.4494



74.8251, 0.2167, 0.3497



74.8251, 0.2189, 0.2185



74.8251, 0.4147, 0.3000

Rectangle

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



74.8251, 0.4049, 0.4494



74.8251, 0.2928, 0.4417



74.8251, 0.2189, 0.2185



74.8251, 0.3199, 0.2440

Sweetspot

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



74.8286, 0.4049, 0.4494



93.8088, 0.3393, 0.3659



31.0359, 0.4612, 0.3078



19.9324, 0.3426, 0.3704



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.



74.8286, 0.4049, 0.4494



79.0057, 0.4212, 0.4671



78.0957, 0.3591, 0.4836



18.9063, 0.3272, 0.3493



35.8823, 0.4455, 0.4845



3.2578, 0.4417, 0.4875

Inverse Universe

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



24.0358, 0.2064, 0.1680



18.5847, 0.1846, 0.1313



23.5762, 0.2363, 0.1597



16.2903, 0.2979, 0.3079



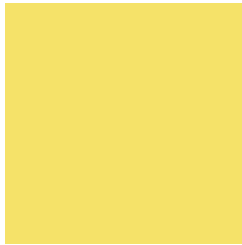
4.2613, 0.1530, 0.0706



0.4854, 0.1579, 0.0884

Previews

White Background



This preview shows how the Yxy color 74.8251, 0.4049, 0.4494 looks on a white background.

Color Contrast Check

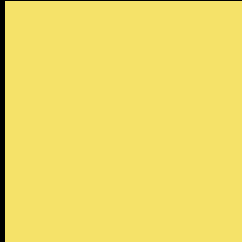
Large Text (above 18pt) WCAG AA × Fail

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 74.8251, 0.4049, 0.4494 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 74.8251, 0.4049, 0.4494

Background



This preview shows how black text looks on a background with the Yxy color 74.8251, 0.4049, 0.4494.

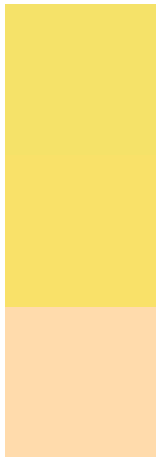


This preview shows how white text looks on a background with the Yxy color 74.8251, 0.4049, 0.4494.

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

74.8251, 0.4049, 0.4494

Protanopia

75.0101, 0.4085, 0.4471

Deuteranopia

74.9016, 0.3729, 0.3773



Tritanopia

74.5056, 0.3326, 0.3130

Trichromacy



Original Color

74.8251, 0.4049, 0.4494

Protanomaly

74.8268, 0.4077, 0.4475

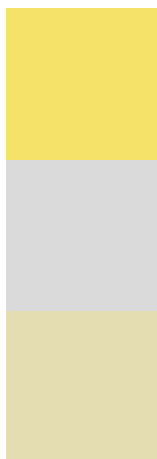
Deuteranomaly

74.8899, 0.3854, 0.4051

Tritanomaly

74.1127, 0.3614, 0.3644

Monochromacy



Original Color

74.8251, 0.4049, 0.4494

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.3812, 0.3479, 0.3775

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8251, 0.4049, 0.4494 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(245, 226, 105)` looks like.

```
.text, #text, p{  
    color:rgb(245, 226, 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(245, 226, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 226, 105) }
```

Border

The CSS property to change the border of an element to Yxy 74.8251, 0.4049, 0.4494 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(245, 226, 105) }
```

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

```
.border{ border-color:rgb(245, 226, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 226, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 226, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 226, 105);  
box-shadow:4px 4px 4px 4px rgb(245, 226,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8251, 0.4049, 0.4494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 226, 105) }
```

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

```
.background{ background-color: rgb(245,  
226, 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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