

Converting Colors

Yxy(80.0964, 0.4118, 0.4553)

Have a look what the booklet for
Yxy(80.0964, 0.4118, 0.4553)
contains.

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Color

Yxy(79.8741, 0.4119, 0.4548)

Conversions

Conversions Part 1

Format	Color
Hex	FFE863
RGB	255, 232, 99
RGB Percent	100%, 91%, 39%
CMY	0.0001, 0.0901, 0.6117
CMYK	0.00, 0.09, 0.61, 0.00
HSL	51°, 100%, 69%
HSV	51°, 61%, 100%
XYZ	72.3398, 79.8741, 23.4108
YIQ	223.7150, 56.4010, -36.4870

Conversions

Conversions Part 2

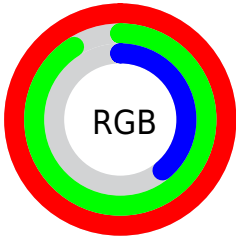
Format	Color
R _Y B	126, 255, 99
Decimal	16771171
CIE Lab	91.63, -7.41, 65.75
CIE LCh	92, 66.166, 96.427
Yxy	79.8741, 0.4119, 0.4548
Android (android.graphics.Color)	4294961251 (0xFFFFE863)
YUV	223.7150, -61.4845, 27.4369
Hunter-Lab	89.3723, -11.9199, 47.0298

Details

The Yxy color **79.8741, 0.4119, 0.4548** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **23.7801, 0.1990, 0.1570**, and the grayscale version is **74.7446, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1131, 0.3723, 0.4275**, and **43.2136, 0.4277, 0.4783** is the 20% darker color. If you saturate the color by 10%, you get **77.3748, 0.4252, 0.4682**, and if you desaturate by 10%, it is **82.5799, 0.3967, 0.4378**.

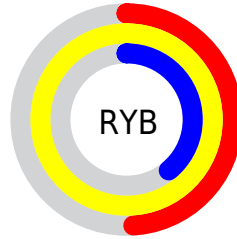
Distribution



Red (100%)

Green (91%)

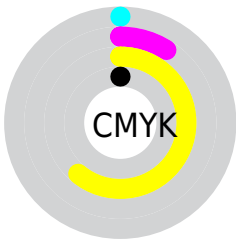
Blue (39%)



Red (49%)

Yellow (100%)

Blue (39%)

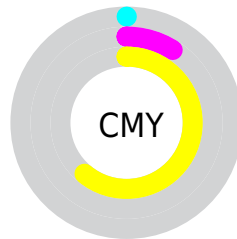


Cyan (0%)

Magenta (9%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.8741, 0.4119, 0.4548 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 79.8741, 0.4119, 0.4548 by changing the saturation by 10% instead.


 79.8741, 0.4119,
0.4548


 79.8741, 0.4119,
0.4548


494.5084, 0.3706,
0.4003


 59.6148, 0.4196,
0.4656


 133.1887, 0.3989,
0.4371


 43.1082, 0.4282,
0.4780


 167.0128, 0.3934,
0.4298

 29.9700, 0.4373,
0.4921


 206.1272, 0.3885,
0.4234

 19.8158, 0.4466,
0.5076

 250.9163, 0.3842,
0.4177

 12.2612, 0.4563,
0.5257

301.7647, 0.3803,
0.4126

 6.9219, 0.4598,
0.5402


359.0565, 0.3767,


 3.4133, 0.4524,

0.4081


0.5476


423.1763, 0.3735,
0.4040


 1.3511, 0.4394,
0.5606


 0.1803, 0.0000,
1.0000


 79.8741, 0.4119,
0.4548


 79.8741, 0.4119,
0.4548


 77.3748, 0.4252,
0.4682


 82.5799, 0.3967,
0.4378


 75.0554, 0.4359,
0.4772


 85.4943, 0.3802,
0.4181

 72.9013, 0.4437,
0.4815

 88.6330, 0.3632,
0.3967

 71.1110, 0.4485,
0.4821

 92.0069, 0.3463,
0.3747

 95.6262, 0.3299,
0.3527

99.5003, 0.3145,
0.3314

99.9935, 0.3127,
0.3290

Harmonies

Analogous

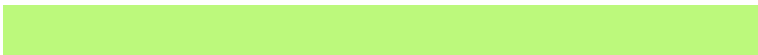
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8741, 0.4573, 0.4074



79.8741, 0.4119, 0.4548



79.8741, 0.3432, 0.4709

Triad

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



79.8741, 0.4119, 0.4548



79.8741, 0.1833, 0.2780



79.8741, 0.3437, 0.2501

Complementary

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



79.8741, 0.4119, 0.4548



23.7801, 0.1990, 0.1570

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.



79.8741, 0.2676, 0.2206



79.8741, 0.4119, 0.4548



79.8741, 0.1836, 0.2304

Square

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



79.8741, 0.4119, 0.4548



79.8741, 0.2127, 0.3539



79.8741, 0.2120, 0.2127



79.8741, 0.4187, 0.2960

Rectangle

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



79.8741, 0.4119, 0.4548



79.8741, 0.2938, 0.4517



79.8741, 0.2120, 0.2127



79.8741, 0.3170, 0.2381

Sweetspot

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



79.8779, 0.4119, 0.4548



93.1547, 0.3410, 0.3677



31.5945, 0.4785, 0.3071



19.7185, 0.3458, 0.3741



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.



79.8779, 0.4119, 0.4548



76.9599, 0.4273, 0.4702



84.7311, 0.3610, 0.4939



20.6083, 0.3273, 0.3491



37.3419, 0.4479, 0.4825



3.7545, 0.4442, 0.4855

Inverse Universe

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



23.7801, 0.1990, 0.1570



16.8895, 0.1788, 0.1223



22.9740, 0.2294, 0.1474



17.8089, 0.2979, 0.3081



4.6098, 0.1533, 0.0717



0.5710, 0.1579, 0.0884

Previews

White Background



This preview shows how the Yxy color 79.8741, 0.4119, 0.4548 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 79.8741, 0.4119, 0.4548 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 79.8741, 0.4119, 0.4548

Background



This preview shows how black text looks on a background with the Yxy color 79.8741, 0.4119, 0.4548.



This preview shows how white text looks on a background with the Yxy color 79.8741, 0.4119, 0.4548.

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

79.8741, 0.4119, 0.4548

Protanopia

79.6728, 0.4038, 0.4409

Deuteranopia

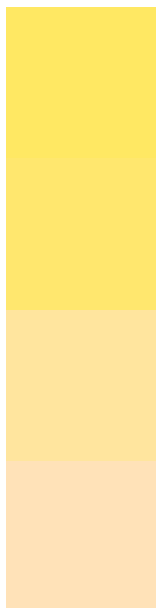
80.0039, 0.3565, 0.3646



Tritanopia

79.9185, 0.3288, 0.3191

Trichromacy



Original Color

79.8741, 0.4119, 0.4548

Protanomaly

79.5376, 0.4070, 0.4457

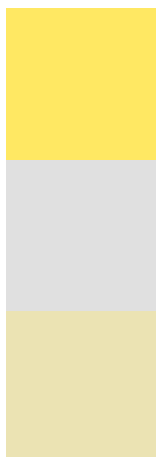
Deuteranomaly

79.7672, 0.3791, 0.4009

Tritanomaly

79.1134, 0.3623, 0.3718

Monochromacy



Original Color

79.8741, 0.4119, 0.4548

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.8550, 0.3505, 0.3806

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.8741, 0.4119, 0.4548 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, 232, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 99)  
}
```

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, 232, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 99) }
```

Border

The CSS property to change the border of an element to Yxy 79.8741, 0.4119, 0.4548 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, 232, 99) }
```

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

```
.border{ border-color:rgb(255, 232, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 79.8741, 0.4119, 0.4548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 99) }
```

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

```
.background{ background-color: rgb(255,  
232, 99) }
```

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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