

Converting Colors

$Yxy(74.7699, 0.3801, 0.4603)$

Have a look what the booklet for
Yxy(74.7699, 0.3801, 0.4603)
contains.

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Color

Yxy(74.7758, 0.3802, 0.4602)

Conversions

Conversions Part 1

Format	Color
Hex	DDE96E
RGB	221, 233, 110
RGB Percent	87%, 91%, 43%
CMY	0.1333, 0.0863, 0.5686
CMYK	0.05, 0.00, 0.53, 0.09
HSL	66°, 74%, 67%
HSV	66°, 53%, 91%
XYZ	61.7770, 74.7758, 25.9327
YIQ	215.3900, 32.3310, -40.7970

Conversions

Conversions Part 2

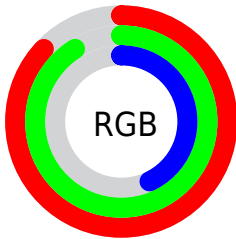
Format	Color
RYB	110, 233, 122
Decimal	14543214
CIELab	89.29, -20.72, 57.56
CIELCh	89, 61.173, 109.794
Yxy	74.7758, 0.3802, 0.4602
Android (android.graphics.Color)	4292733294 (0xFFDDE96E)
YUV	215.3900, -51.9573, 4.9200
Hunter-Lab	86.4730, -23.8060, 42.7504

Details

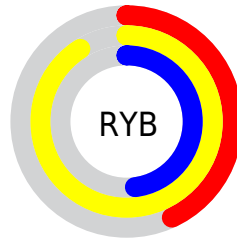
The Yxy color **74.7758, 0.3802, 0.4602** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.1760, 0.2192, 0.1639**, and the grayscale version is **68.5808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4966, 0.3661, 0.4172**, and **39.6223, 0.3915, 0.4887** is the 20% darker color. If you saturate the color by 10%, you get **73.9826, 0.3894, 0.4803**, and if you desaturate by 10%, it is **75.7141, 0.3691, 0.4372**.

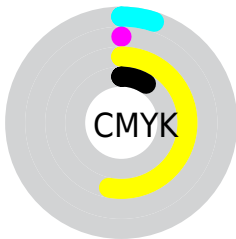
Distribution



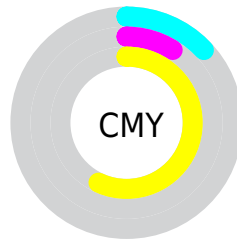
- Red (87%)
- Green (91%)
- Blue (43%)



- Red (43%)
- Yellow (91%)
- Blue (48%)



- Cyan (5%)
- Magenta (0%)
- Yellow (53%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7758, 0.3802, 0.4602 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 74.7758, 0.3802, 0.4602 by changing the saturation by 10% instead.


 74.7758, 0.3802,
0.4602

 74.7758, 0.3802,
0.4602


477.1466, 0.3525,
0.3996


 55.4292, 0.3853,
0.4734


 125.9949, 0.3715,
0.4396

 39.7455, 0.3907,
0.4892

 158.6363, 0.3679,
0.4314

 27.3402, 0.3963,
0.5082


 196.4781, 0.3646,
0.4243

 17.8289, 0.4014,
0.5312

239.9046, 0.3616,
0.4181

 10.8272, 0.4044,
0.5589

289.3004, 0.3590,
0.4127

 5.9508, 0.4044,
0.5956

345.0497, 0.3566,

 2.8152, 0.3799,

0.4078

0.6201

407.5370, 0.3544,
0.4035

1.0360, 0.3128,
0.6872

0.0000, 0.0000,
0.0000

74.7758, 0.3802,
0.4602

74.7758, 0.3802,
0.4602

73.9826, 0.3894,
0.4803

75.7141, 0.3691,
0.4372

73.3135, 0.3963,
0.4965


76.7967, 0.3566,
0.4123


72.7595, 0.4005,
0.5084

78.0359, 0.3433,
0.3865


72.3058, 0.4021,
0.5158


79.4395, 0.3298,
0.3608

 72.0237, 0.4021,
0.5190

 81.0150, 0.3164,
0.3358

 82.7694, 0.3035,
0.3120

 83.4869, 0.3018,
0.3070

 83.8799, 0.3033,
0.3071

 84.2779, 0.3048,
0.3072

Harmonies

Analogous

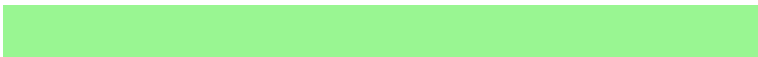
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7758, 0.4350, 0.4264



74.7758, 0.3802, 0.4602



74.7758, 0.3108, 0.4530

Triad

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



74.7758, 0.3802, 0.4602



74.7758, 0.1861, 0.2572



74.7758, 0.3756, 0.2720

Complementary

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



74.7758, 0.3802, 0.4602



21.1760, 0.2192, 0.1639

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.



74.7758, 0.3007, 0.2358



74.7758, 0.3802, 0.4602



74.7758, 0.1984, 0.2245

Square

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



74.7758, 0.3802, 0.4602



74.7758, 0.2016, 0.3186



74.7758, 0.2376, 0.2186



74.7758, 0.4363, 0.3208

Rectangle

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



74.7758, 0.3802, 0.4602



74.7758, 0.2656, 0.4193



74.7758, 0.2376, 0.2186



74.7758, 0.3508, 0.2582

Sweetspot

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



74.7792, 0.3802, 0.4602



96.8991, 0.3342, 0.3692



31.9466, 0.4604, 0.3407



20.6635, 0.3370, 0.3745



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.



74.7792, 0.3802, 0.4602



90.7458, 0.3898, 0.4812



67.0083, 0.3361, 0.4823



17.5481, 0.3253, 0.3524



40.8980, 0.4024, 0.5187



3.2331, 0.4048, 0.5167

Inverse Universe

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



21.1760, 0.2192, 0.1639



18.6029, 0.1983, 0.1294



26.9541, 0.2694, 0.1838



14.6191, 0.2995, 0.3047



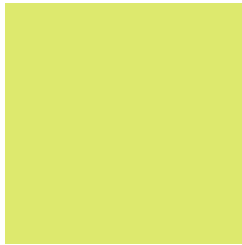
3.4634, 0.1533, 0.0618



0.2958, 0.1612, 0.0662

Previews

White Background



This preview shows how the Yxy color 74.7758, 0.3802, 0.4602 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 74.7758, 0.3802, 0.4602 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 74.7758, 0.3802, 0.4602

Background



This preview shows how black text looks on a background with the Yxy color 74.7758, 0.3802, 0.4602.



This preview shows how white text looks on a background with the Yxy color 74.7758, 0.3802, 0.4602.

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

74.7758, 0.3802, 0.4602

Protanopia

74.3293, 0.4073, 0.4450

Deuteranopia

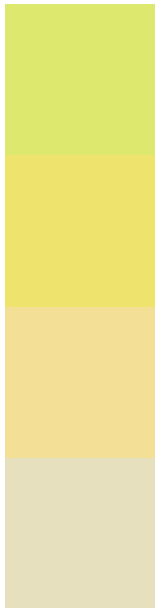
74.3814, 0.3732, 0.3764



Tritanopia

74.4396, 0.3122, 0.3103

Trichromacy



Original Color

74.7758, 0.3802, 0.4602

Protanomaly

74.1980, 0.3973, 0.4505

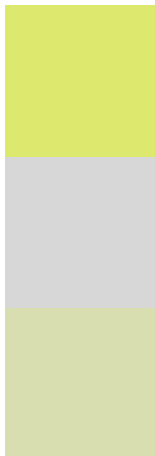
Deuteranomaly

74.0000, 0.3782, 0.4069

Tritanomaly

73.8959, 0.3392, 0.3649

Monochromacy



Original Color

74.7758, 0.3802, 0.4602

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

70.1686, 0.3394, 0.3800

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7758, 0.3802, 0.4602 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(221, 233, 110)` looks like.

```
.text, #text, p{  
    color:rgb(221, 233, 110)  
}
```

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(221, 233, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 233, 110) }
```

Border

The CSS property to change the border of an element to Yxy 74.7758, 0.3802, 0.4602 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(221, 233, 110) }
```

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

```
.border{ border-color:rgb(221, 233, 110) }
```

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

Here you see how a box with a 4 pixel rgb(221, 233, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 233, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 233, 110);  
box-shadow:4px 4px 4px 4px rgb(221, 233,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7758, 0.3802, 0.4602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 233, 110) }
```

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

```
.background{ background-color: rgb(221,  
233, 110) }
```

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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