

Converting Colors

Yxy(71.6066, 0.3910, 0.4603)

Have a look what the booklet for
Yxy(71.6066, 0.3910, 0.4603)
contains.

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Color

Yxy(71.3596, 0.3909, 0.4599)

Conversions

Conversions Part 1

Format	Color
Hex	E1E266
RGB	225, 226, 102
RGB Percent	88%, 89%, 40%
CMY	0.1175, 0.1137, 0.5999
CMYK	0.00, 0.00, 0.55, 0.11
HSL	60°, 68%, 64%
HSV	60°, 55%, 89%
XYZ	60.6533, 71.3596, 23.1504
YIQ	211.5650, 39.2080, -38.7760

Conversions

Conversions Part 2

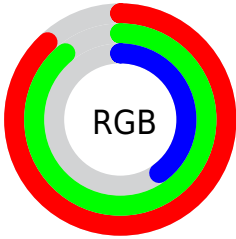
Format	Color
RYB	102, 226, 103
Decimal	14803558
CIELab	87.66, -16.34, 59.35
CIElCh	88, 61.561, 105.391
Yxy	71.3596, 0.3909, 0.4599
Android (android.graphics.Color)	4292993638 (0xFFE1E266)
YUV	211.5650, -54.0155, 11.7825
Hunter-Lab	84.4746, -19.6664, 42.8837

Details

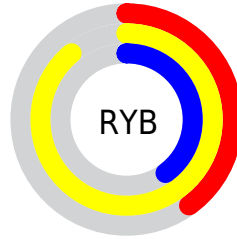
The Yxy color **71.3596, 0.3909, 0.4599** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.8790, 0.2074, 0.1540**, and the grayscale version is **65.8855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2143, 0.3706, 0.4247**, and **37.5465, 0.4035, 0.4885** is the 20% darker color. If you saturate the color by 10%, you get **70.9455, 0.4013, 0.4774**, and if you desaturate by 10%, it is **71.9025, 0.3785, 0.4390**.

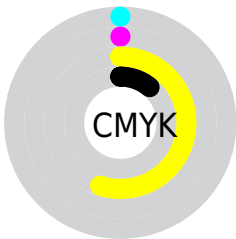
Distribution



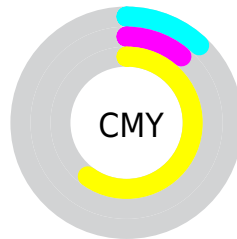
- Red (88%)
- Green (89%)
- Blue (40%)



- Red (40%)
- Yellow (89%)
- Blue (40%)



- Cyan (0%)
- Magenta (0%)
- Yellow (55%)
- Black (11%)





- Cyan (12%)
- Magenta (11%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3596, 0.3909, 0.4599 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 71.3596, 0.3909, 0.4599 by changing the saturation by 10% instead.


 71.3596, 0.3909,
0.4599


 71.3596, 0.3909,
0.4599


465.3095, 0.3582,
0.3998


 52.6357, 0.3970,
0.4728


 121.1456, 0.3806,
0.4396

 37.5120, 0.4036,
0.4880


 152.9765, 0.3762,
0.4315

 25.6042, 0.4106,
0.5061


 189.9452, 0.3723,
0.4245

 16.5278, 0.4170,
0.5274

 232.4361, 0.3689,
0.4183

 9.8984, 0.4233,
0.5548

280.8336, 0.3658,
0.4129

 5.3316, 0.4199,
0.5801


335.5221, 0.3630,


 2.4431, 0.3991,


0.4080

0.6009

396.8859, 0.3604,
0.4037


 0.8479, 0.3244,
0.6756


 0.0000, 0.0000,
0.0000

 71.3596, 0.3909,
0.4599


 71.3596, 0.3909,
0.4599


 70.9455, 0.4013,
0.4774


 71.9025, 0.3785,
0.4390


 70.6402, 0.4092,
0.4909


 72.5734, 0.3646,
0.4157

 70.4351, 0.4145,
0.5000

 73.3837, 0.3498,
0.3910


 70.3157, 0.4172,
0.5049


 74.3411, 0.3347,
0.3658


 70.2756, 0.4180,
0.5063

 75.4524, 0.3198,
0.3408

 76.7242, 0.3054,
0.3168

 77.8224, 0.2949,
0.2992

 77.8510, 0.2950,
0.2992

 77.8796, 0.2951,
0.2992

Harmonies

Analogous

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



71.3596, 0.4433, 0.4209



71.3596, 0.3909, 0.4599



71.3596, 0.3211, 0.4605

Triad

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



71.3596, 0.3909, 0.4599



71.3596, 0.1842, 0.2630



71.3596, 0.3659, 0.2644

Complementary

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



71.3596, 0.3909, 0.4599



17.8790, 0.2074, 0.1540

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.



71.3596, 0.2897, 0.2302



71.3596, 0.3909, 0.4599



71.3596, 0.1927, 0.2254

Square

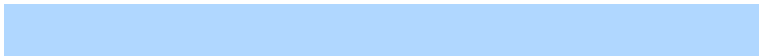
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3596, 0.3909, 0.4599



71.3596, 0.2042, 0.3294



71.3596, 0.2285, 0.2159



71.3596, 0.4320, 0.3126

Rectangle

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



71.3596, 0.3909, 0.4599



71.3596, 0.2742, 0.4310



71.3596, 0.2285, 0.2159



71.3596, 0.3401, 0.2511

Sweetspot

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



71.3629, 0.3909, 0.4599



97.5849, 0.3366, 0.3689



26.6336, 0.4765, 0.3295



20.8290, 0.3398, 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.



71.3629, 0.3909, 0.4599



93.2150, 0.4027, 0.4798



63.2438, 0.3439, 0.4844



16.0238, 0.3266, 0.3522



40.0962, 0.4180, 0.5063



2.7810, 0.4182, 0.5061

Inverse Universe

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



17.8790, 0.2074, 0.1540



16.0633, 0.1846, 0.1165



22.8897, 0.2574, 0.1744



13.2484, 0.2982, 0.3048



3.1415, 0.1503, 0.0601



0.2196, 0.1510, 0.0606

Previews

White Background



This preview shows how the Yxy color 71.3596, 0.3909, 0.4599 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 71.3596, 0.3909, 0.4599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

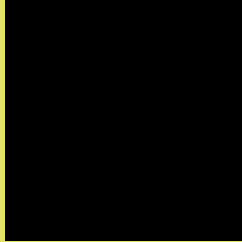
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3596, 0.3909, 0.4599

Background



This preview shows how black text looks on a background with the Yxy color 71.3596, 0.3909, 0.4599.



This preview shows how white text looks on a background with the Yxy color 71.3596, 0.3909, 0.4599.

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

71.3596, 0.3909, 0.4599

Protanopia

71.3396, 0.4103, 0.4489

Deuteranopia

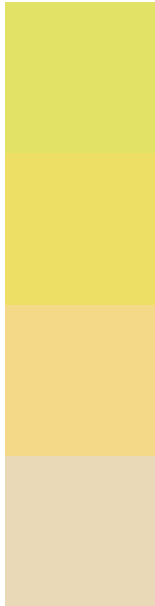
71.2488, 0.3866, 0.3878



Tritanopia

70.9213, 0.3202, 0.3113

Trichromacy



Original Color

71.3596, 0.3909, 0.4599

Protanomaly

71.1867, 0.4030, 0.4526

Deuteranomaly

71.1535, 0.3897, 0.4149

Tritanomaly

70.3682, 0.3484, 0.3661

Monochromacy



Original Color

71.3596, 0.3909, 0.4599

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

67.3560, 0.3438, 0.3804

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3596, 0.3909, 0.4599 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(225, 226, 102)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 102)  
}
```

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(225, 226, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 102) }
```

Border

The CSS property to change the border of an element to Yxy 71.3596, 0.3909, 0.4599 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(225, 226, 102) }
```

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

```
.border{ border-color:rgb(225, 226, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 102);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3596, 0.3909, 0.4599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 102) }
```

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

```
.background{ background-color: rgb(225,  
226, 102) }
```

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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