

Converting Colors

$Yxy(72.0126, 0.3931, 0.4639)$

Have a look what the booklet for
Yxy(72.0126, 0.3931, 0.4639)
contains.

Yxy(71.9888, 0.3931, 0.4637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.9888, 0.3931, 0.4637)

Conversions

Conversions Part 1

Format	Color
Hex	E2E362
RGB	226, 227, 98
RGB Percent	89%, 89%, 38%
CMY	0.1139, 0.1097, 0.6157
CMYK	0.00, 0.00, 0.57, 0.11
HSL	60°, 70%, 64%
HSV	60°, 57%, 89%
XYZ	61.0282, 71.9888, 22.2316
YIQ	211.9950, 40.8130, -40.3310

Conversions

Conversions Part 2

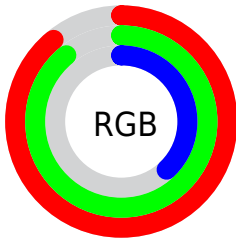
Format	Color
R_{YB}	98, 227, 99
Decimal	14869346
CIE _{Lab}	87.96, -16.76, 61.48
CIE _{LCh}	88, 63.722, 105.252
Yxy	71.9888, 0.3931, 0.4637
Android (android.graphics.Color)	4293059426 (0xFFE2E362)
YUV	211.9950, -56.1995, 12.2824
Hunter-Lab	84.8462, -20.0893, 43.8570

Details

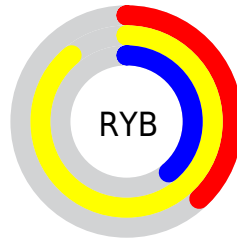
The Yxy color **71.9888, 0.3931, 0.4637** is a light color, and the websafe version is hex **CCCC33**. A complement of this color would be **16.9369, 0.2033, 0.1472**, and the grayscale version is **66.1933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0799, 0.3728, 0.4284**, and **37.9970, 0.4057, 0.4923** is the 20% darker color. If you saturate the color by 10%, you get **71.5923, 0.4030, 0.4805**, and if you desaturate by 10%, it is **72.5135, 0.3811, 0.4434**.

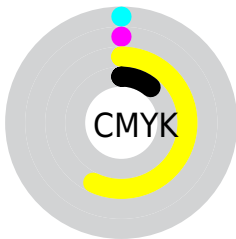
Distribution



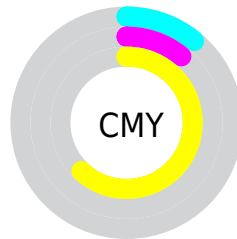
- Red (89%)
- Green (89%)
- Blue (38%)



- Red (38%)
- Yellow (89%)
- Blue (39%)



- Cyan (0%)
- Magenta (0%)
- Yellow (57%)
- Black (11%)




- Cyan (11%)
- Magenta (11%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9888, 0.3931, 0.4637 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 71.9888, 0.3931, 0.4637 by changing the saturation by 10% instead.


 71.9888, 0.3931,
0.4637


 71.9888, 0.3931,
0.4637


467.5026, 0.3597,
0.4022


 53.1495, 0.3992,
0.4768


 122.0406, 0.3826,
0.4430

 37.9222, 0.4058,
0.4922


 154.0219, 0.3782,
0.4347

 25.9223, 0.4125,
0.5103


 191.1527, 0.3743,
0.4275

 16.7655, 0.4184,
0.5314

 233.8174, 0.3707,
0.4212

 10.0674, 0.4250,
0.5596

282.4003, 0.3676,
0.4156

 5.4437, 0.4186,
0.5814


337.2859, 0.3647,

 2.5099, 0.3976,


0.4106


0.6024


398.8585, 0.3621,
0.4062


 0.8816, 0.3272,
0.6728


 0.0000, 0.0000,
0.0000


 71.9888, 0.3931,
0.4637


 71.9888, 0.3931,
0.4637


 71.5923, 0.4030,
0.4805


 72.5135, 0.3811,
0.4434


 71.3036, 0.4104,
0.4931


 73.1659, 0.3674,
0.4205


 71.1135, 0.4151,
0.5014


 73.9576, 0.3528,
0.3960


 71.0061, 0.4174,
0.5055


 74.8965, 0.3377,
0.3708

 70.9808, 0.4179,
0.5064

 75.9896, 0.3227,
0.3457

 77.2438, 0.3082,
0.3214

 78.5418, 0.2955,
0.3003

 78.5721, 0.2956,
0.3003

 78.6025, 0.2958,
0.3003

Harmonies

Analogous

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



71.9888, 0.4471, 0.4228



71.9888, 0.3931, 0.4637



71.9888, 0.3213, 0.4652

Triad

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



71.9888, 0.3931, 0.4637



71.9888, 0.1808, 0.2610



71.9888, 0.3671, 0.2624

Complementary

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



71.9888, 0.3931, 0.4637



16.9369, 0.2033, 0.1472

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.



71.9888, 0.2885, 0.2275



71.9888, 0.3931, 0.4637



71.9888, 0.1894, 0.2226

Square

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



71.9888, 0.3931, 0.4637



71.9888, 0.2012, 0.3296



71.9888, 0.2259, 0.2128



71.9888, 0.4356, 0.3116

Rectangle

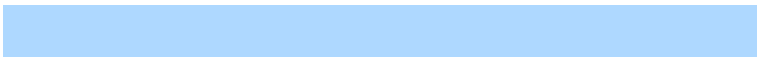
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9888, 0.3931, 0.4637



71.9888, 0.2730, 0.4349



71.9888, 0.2259, 0.2128



71.9888, 0.3404, 0.2488

Sweetspot

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



71.9921, 0.3931, 0.4637



97.4485, 0.3381, 0.3714



25.9498, 0.4858, 0.3295



20.8019, 0.3412, 0.3766



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.



71.9921, 0.3931, 0.4637



93.1145, 0.4044, 0.4828



63.5643, 0.3445, 0.4900



16.8109, 0.3266, 0.3522



41.3915, 0.4179, 0.5064



3.0606, 0.4181, 0.5062

Inverse Universe

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



16.9369, 0.2033, 0.1472



15.0344, 0.1811, 0.1107



22.0158, 0.2548, 0.1688



13.8928, 0.2981, 0.3047



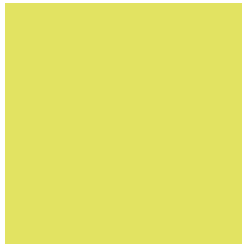
3.2439, 0.1503, 0.0601



0.2417, 0.1510, 0.0606

Previews

White Background



This preview shows how the Yxy color 71.9888, 0.3931, 0.4637 looks on a white background.

Color Contrast Check

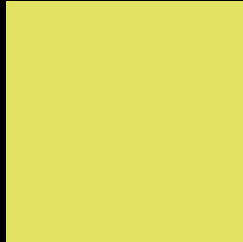
Large Text (above 18pt) WCAG AA × Fail

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 71.9888, 0.3931, 0.4637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

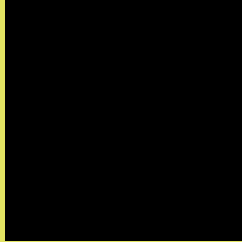
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.9888, 0.3931, 0.4637

Background



This preview shows how black text looks on a background with the Yxy color 71.9888, 0.3931, 0.4637.



This preview shows how white text looks on a background with the Yxy color 71.9888, 0.3931, 0.4637.

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

71.9888, 0.3931, 0.4637

Protanopia

71.9699, 0.4125, 0.4524

Deuteranopia

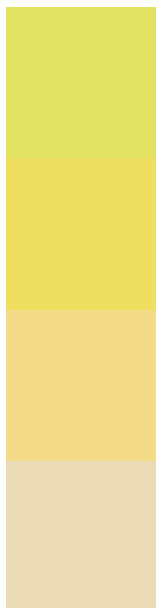
71.8218, 0.3848, 0.3867



Tritanopia

71.6524, 0.3201, 0.3113

Trichromacy



Original Color

71.9888, 0.3931, 0.4637

Protanomaly

71.8156, 0.4053, 0.4562

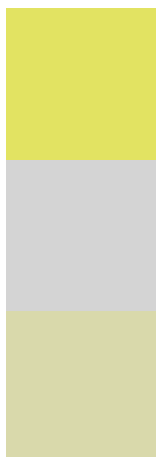
Deuteranomaly

71.6737, 0.3892, 0.4159

Tritanomaly

71.0126, 0.3497, 0.3682

Monochromacy



Original Color

71.9888, 0.3931, 0.4637

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

67.3177, 0.3445, 0.3816

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9888, 0.3931, 0.4637 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(226, 227, 98)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 98)  
}
```

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(226, 227, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 98) }
```

Border

The CSS property to change the border of an element to Yxy 71.9888, 0.3931, 0.4637 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(226, 227, 98) }
```

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

```
.border{ border-color:rgb(226, 227, 98) }
```

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

Here you see how a box with a 4 pixel rgb(226, 227, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 98);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9888, 0.3931, 0.4637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 98) }
```

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

```
.background{ background-color: rgb(226,  
227, 98) }
```

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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