

Converting Colors

Yxy(71.1693, 0.3861, 0.4486)

Have a look what the booklet for
Yxy(71.1693, 0.3861, 0.4486)
contains.

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Color

Yxy(71.2114, 0.3863, 0.4489)

Conversions

Conversions Part 1

Format	Color
Hex	E2E171
RGB	226, 225, 113
RGB Percent	89%, 88%, 44%
CMY	0.1136, 0.1177, 0.5568
CMYK	0.00, 0.00, 0.50, 0.11
HSL	59°, 66%, 66%
HSV	59°, 50%, 89%
XYZ	61.2808, 71.2114, 26.1431
YIQ	212.5310, 36.5480, -34.6200

Conversions

Conversions Part 2

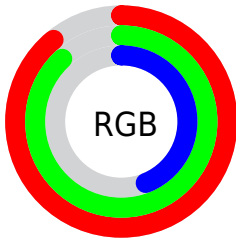
Format	Color
RYB	114, 226, 113
Decimal	14868849
CIELab	87.59, -14.55, 54.29
CIELCh	88, 56.208, 105.002
Yxy	71.2114, 0.3863, 0.4489
Android (android.graphics.Color)	4293058929 (0xFFE2E171)
YUV	212.5310, -49.0688, 11.8123
Hunter-Lab	84.3868, -18.0522, 40.7027

Details

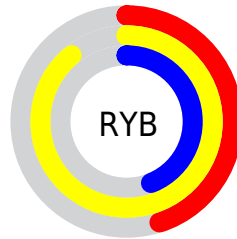
The Yxy color **71.2114, 0.3863, 0.4489** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.0562, 0.2173, 0.1722**, and the grayscale version is **66.5321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5700, 0.3649, 0.4153**, and **37.4005, 0.3988, 0.4759** is the 20% darker color. If you saturate the color by 10%, you get **70.6536, 0.3981, 0.4679**, and if you desaturate by 10%, it is **71.9026, 0.3728, 0.4270**.

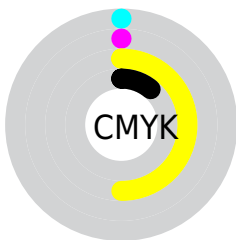
Distribution



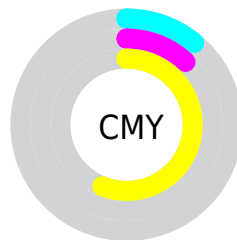
- Red (89%)
- Green (88%)
- Blue (44%)



- Red (45%)
- Yellow (89%)
- Blue (44%)



- Cyan (0%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)





- Cyan (11%)
- Magenta (12%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2114, 0.3863, 0.4489 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 71.2114, 0.3863, 0.4489 by changing the saturation by 10% instead.


 71.2114, 0.3863,
0.4489


 71.2114, 0.3863,
0.4489

464.7921, 0.3548,
0.3936

 52.5147, 0.3924,
0.4610

 120.9347, 0.3762,
0.4301

 37.4155, 0.3993,
0.4754

 152.7301, 0.3720,
0.4226

 25.5294, 0.4068,
0.4927


 189.6605, 0.3683,
0.4161

 16.4719, 0.4145,
0.5136

232.1104, 0.3650,
0.4105

 9.8587, 0.4212,
0.5386

280.4641, 0.3620,
0.4055

 5.3054, 0.4274,
0.5726


335.1060, 0.3594,

 2.4275, 0.4089,


0.4011


396.4206, 0.3570,
0.3971

0.5911


 0.8400, 0.3454,
0.6546


 0.0000, 0.0000,
0.0000


 71.2114, 0.3863,
0.4489


 71.2114, 0.3863,
0.4489


 70.6536, 0.3981,
0.4679


 71.9026, 0.3728,
0.4270


 70.2099, 0.4076,
0.4832


 72.7261, 0.3581,
0.4031

 69.8726, 0.4145,
0.4942

 73.6930, 0.3429,
0.3783

 69.6286, 0.4188,
0.5009


 74.8105, 0.3276,
0.3533


 69.4553, 0.4210,
0.5040

 76.0854, 0.3127,
0.3290

 77.5241, 0.2985,
0.3058

 78.0412, 0.2947,
0.2997

 78.1559, 0.2947,
0.2999

 78.2708, 0.2947,
0.3001

Harmonies

Analogous

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



71.2114, 0.4336, 0.4143



71.2114, 0.3863, 0.4489



71.2114, 0.3222, 0.4484

Triad

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



71.2114, 0.3863, 0.4489



71.2114, 0.1938, 0.2697



71.2114, 0.3607, 0.2689

Complementary

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



71.2114, 0.3863, 0.4489



21.0562, 0.2173, 0.1722

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.



71.2114, 0.2911, 0.2371



71.2114, 0.3863, 0.4489



71.2114, 0.2013, 0.2339

Square

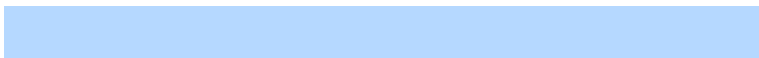
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2114, 0.3863, 0.4489



71.2114, 0.2132, 0.3310



71.2114, 0.2346, 0.2242



71.2114, 0.4211, 0.3140

Rectangle

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



71.2114, 0.3863, 0.4489



71.2114, 0.2788, 0.4219



71.2114, 0.2346, 0.2242



71.2114, 0.3372, 0.2565

Sweetspot

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



71.2147, 0.3863, 0.4489



97.5499, 0.3354, 0.3660



29.2261, 0.4521, 0.3273



20.8141, 0.3386, 0.3713



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.



71.2147, 0.3863, 0.4489



92.8346, 0.3985, 0.4686



64.3137, 0.3437, 0.4696



16.0065, 0.3267, 0.3519



39.6176, 0.4209, 0.5040



2.7532, 0.4207, 0.5042

Inverse Universe

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



21.0562, 0.2173, 0.1722



19.8297, 0.1958, 0.1366



25.5944, 0.2619, 0.1877



13.2636, 0.2980, 0.3050



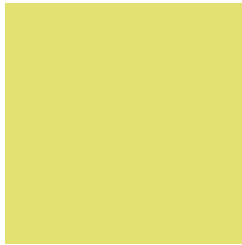
3.1681, 0.1502, 0.0606



0.2269, 0.1507, 0.0624

Previews

White Background



This preview shows how the Yxy color 71.2114, 0.3863, 0.4489 looks on a white background.

Color Contrast Check

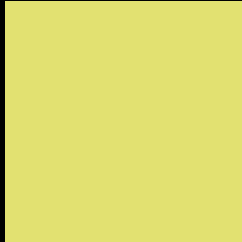
Large Text (above 18pt) WCAG AA × Fail

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 71.2114, 0.3863, 0.4489 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 71.2114, 0.3863, 0.4489

Background



This preview shows how black text looks on a background with the Yxy color 71.2114, 0.3863, 0.4489.



This preview shows how white text looks on a background with the Yxy color 71.2114, 0.3863, 0.4489.

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

71.2114, 0.3863, 0.4489

Protanopia

71.2113, 0.4026, 0.4405

Deuteranopia

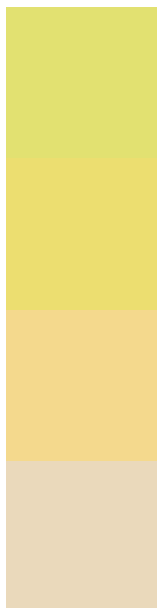
70.7813, 0.3863, 0.3858



Tritanopia

70.9213, 0.3202, 0.3113

Trichromacy



Original Color

71.2114, 0.3863, 0.4489

Protanomaly

71.2453, 0.3962, 0.4436

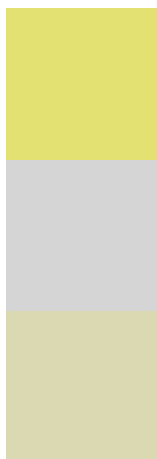
Deuteranomaly

70.7819, 0.3868, 0.4090

Tritanomaly

70.7060, 0.3463, 0.3616

Monochromacy



Original Color

71.2114, 0.3863, 0.4489

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.7055, 0.3411, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2114, 0.3863, 0.4489 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, 225, 113)` looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 113)  
}
```

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, 225, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 113) }
```

Border

The CSS property to change the border of an element to Yxy 71.2114, 0.3863, 0.4489 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, 225, 113) }
```

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

```
.border{ border-color:rgb(226, 225, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 225, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 225, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 225, 113);  
box-shadow:4px 4px 4px 4px rgb(226, 225,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2114, 0.3863, 0.4489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 113) }
```

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

```
.background{ background-color: rgb(226,  
225, 113) }
```

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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