

Converting Colors

$Yxy(71.0673, 0.4029, 0.4806)$

Have a look what the booklet for
Yxy(71.0673, 0.4029, 0.4806)
contains.

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Color

Yxy(70.9083, 0.4031, 0.4803)

Conversions

Conversions Part 1

Format	Color
Hex	E1E24B
RGB	225, 226, 75
RGB Percent	88%, 89%, 29%
CMY	0.1178, 0.1137, 0.7057
CMYK	0.00, 0.00, 0.67, 0.11
HSL	60°, 72%, 59%
HSV	60°, 67%, 89%
XYZ	59.5110, 70.9083, 17.2140
YIQ	208.4870, 47.8750, -47.1730

Conversions

Conversions Part 2

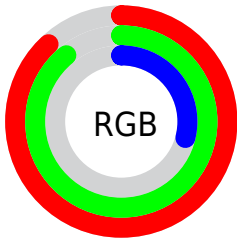
Format	Color
RYB	75, 226, 76
Decimal	14803531
CIELab	87.44, -18.11, 70.20
CIELCh	87, 72.501, 104.469
Yxy	70.9083, 0.4031, 0.4803
Android (android.graphics.Color)	4292993611 (0xFFE1E24B)
YUV	208.4870, -65.8091, 14.4819
Hunter-Lab	84.2071, -21.2124, 46.8246

Details

The Yxy color **70.9083, 0.4031, 0.4803** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **12.0706, 0.1839, 0.1154**, and the grayscale version is **63.8240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4459, 0.3840, 0.4468**, and **37.2328, 0.4143, 0.5093** is the 20% darker color. If you saturate the color by 10%, you get **70.6297, 0.4105, 0.4929**, and if you desaturate by 10%, it is **71.3034, 0.3932, 0.4635**.

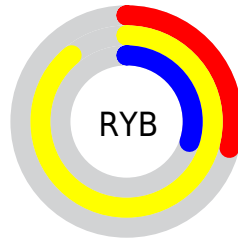
Distribution



Red (88%)

Green (89%)

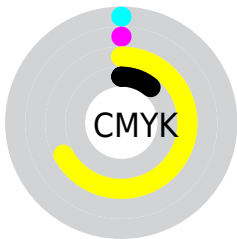
Blue (29%)



Red (29%)

Yellow (89%)

Blue (30%)

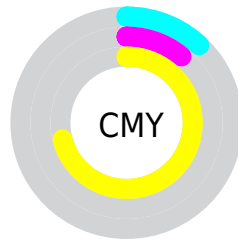


Cyan (0%)

Magenta (0%)

Yellow (67%)

Black (11%)



Cyan (12%)


Magenta (11%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9083, 0.4031, 0.4803 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 70.9083, 0.4031, 0.4803 by changing the saturation by 10% instead.


 70.9083, 0.4031,
0.4803

 70.9083, 0.4031,
0.4803


463.7328, 0.3668,
0.4123

 52.2674, 0.4091,
0.4942

 120.5031, 0.3922,
0.4578


 37.2182, 0.4153,
0.5102

 152.2258, 0.3874,
0.4487


 25.3765, 0.4208,
0.5283


 189.0779, 0.3831,
0.4407

 16.3578, 0.4244,
0.5484

 231.4438, 0.3792,
0.4336

 9.7777, 0.4264,
0.5736

 279.7078, 0.3757,
0.4274

 5.2518, 0.4119,
0.5881


334.2544, 0.3724,

 2.3958, 0.3885,

0.4218

0.6115

395.4679, 0.3695,
0.4168


 0.8237, 0.2926,
0.7074


 0.0000, 0.0000,
0.0000


 70.9083, 0.4031,
0.4803


 70.9083, 0.4031,
0.4803


 70.6297, 0.4105,
0.4929


 71.3034, 0.3932,
0.4635


 70.4454, 0.4153,
0.5012


 71.8156, 0.3811,
0.4433

 70.3432, 0.4176,
0.5053


 72.4575, 0.3674,
0.4204

 70.3193, 0.4181,
0.5062

 73.2373, 0.3528,
0.3958

 74.1627, 0.3377,
0.3706

 75.2407, 0.3227,
0.3456

 76.4781, 0.3081,
0.3214

 77.8257, 0.2948,
0.2992

 77.8512, 0.2949,
0.2992

Harmonies

Analogous

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



70.9083, 0.4645, 0.4301



70.9083, 0.4031, 0.4803



70.9083, 0.3224, 0.4876

Triad

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



70.9083, 0.4031, 0.4803



70.9083, 0.1655, 0.2522



70.9083, 0.3719, 0.2528

Complementary

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



70.9083, 0.4031, 0.4803



12.0706, 0.1839, 0.1154

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.



70.9083, 0.2824, 0.2150



70.9083, 0.4031, 0.4803



70.9083, 0.1745, 0.2098

Square

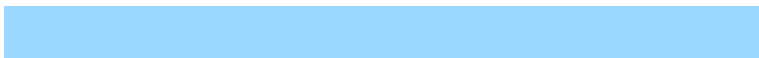
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.9083, 0.4031, 0.4803



70.9083, 0.1880, 0.3307



70.9083, 0.2134, 0.1993



70.9083, 0.4516, 0.3064

Rectangle

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



70.9083, 0.4031, 0.4803



70.9083, 0.2682, 0.4543



70.9083, 0.2134, 0.1993



70.9083, 0.3412, 0.2381

Sweetspot

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



70.9116, 0.4031, 0.4803



97.0724, 0.3427, 0.3791



21.7182, 0.5337, 0.3297



20.7035, 0.3470, 0.3862



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.



70.9116, 0.4031, 0.4803



92.7510, 0.4126, 0.4965



61.4440, 0.3459, 0.5166



16.0245, 0.3266, 0.3522



40.1134, 0.4181, 0.5062



2.7820, 0.4183, 0.5061

Inverse Universe

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



12.0706, 0.1839, 0.1154



10.3289, 0.1634, 0.0816



17.0647, 0.2416, 0.1425



13.2478, 0.2982, 0.3048



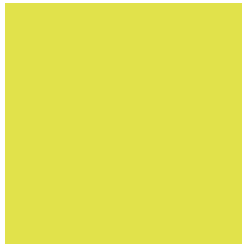
3.1405, 0.1502, 0.0601



0.2193, 0.1509, 0.0605

Previews

White Background



This preview shows how the Yxy color 70.9083, 0.4031, 0.4803 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 70.9083, 0.4031, 0.4803 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 70.9083, 0.4031, 0.4803

Background



This preview shows how black text looks on a background with the Yxy color 70.9083, 0.4031, 0.4803.



This preview shows how white text looks on a background with the Yxy color 70.9083, 0.4031, 0.4803.

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

70.9083, 0.4031, 0.4803

Protanopia

70.5566, 0.4243, 0.4664

Deuteranopia

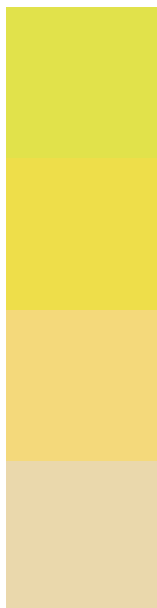
70.5490, 0.3914, 0.3928



Tritanopia

70.5407, 0.3217, 0.3113

Trichromacy



Original Color

70.9083, 0.4031, 0.4803

Protanomaly

70.9141, 0.4163, 0.4715

Deuteranomaly

70.2889, 0.3986, 0.4264

Tritanomaly

69.5827, 0.3574, 0.3771

Monochromacy



Original Color

70.9083, 0.4031, 0.4803

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

65.4351, 0.3504, 0.3927

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9083, 0.4031, 0.4803 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, 75)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 75)  
}
```

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, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 75) }
```

Border

The CSS property to change the border of an element to Yxy 70.9083, 0.4031, 0.4803 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, 75) }
```

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

```
.border{ border-color:rgb(225, 226, 75) }
```

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, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 75);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
75) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.9083, 0.4031, 0.4803$ 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, 75) }
```

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

```
.background{ background-color: rgb(225,  
226, 75) }
```

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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