

Converting Colors

$Y_{xy}(73.0961, 0.3932, 0.4379)$

Have a look what the booklet for
Yxy(73.0961, 0.3932, 0.4379)
contains.

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Color

Yxy(72.9939, 0.3935, 0.4380)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EFE077 |
| RGB | 239, 224, 119 |
| RGB Percent | 94%, 88%, 47% |
| CMY | 0.0628, 0.1215, 0.5334 |
| CMYK | 0.00, 0.06, 0.50, 0.06 |
| HSL | 53°, 79%, 70% |
| HSV | 53°, 50%, 94% |
| XYZ | 65.5779, 72.9939, 28.0810 |
| YIQ | 216.5150, 42.6450, -29.4750 |

Conversions

Conversions Part 2

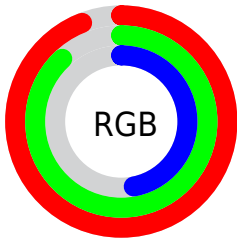
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 136, 239, 119 |
| Decimal | 15720567 |
| CIE _{Lab} | 88.44, -8.38, 52.77 |
| CIE _{LCh} | 88, 53.432, 99.018 |
| Yxy | 72.9939, 0.3935, 0.4380 |
| Android (android.graphics.Color) | 4293910647 (0xFFEFE077) |
| YUV | 216.5150, -48.0749, 19.7193 |
| Hunter-Lab | 85.4365, -12.5039, 40.3183 |

Details

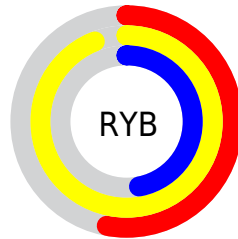
The Yxy color **72.9939, 0.3935, 0.4380** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.1921, 0.2200, 0.1887**, and the grayscale version is **69.3520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7971, 0.3614, 0.4095**, and **38.6049, 0.4087, 0.4606** is the 20% darker color. If you saturate the color by 10%, you get **70.9043, 0.4082, 0.4556**, and if you desaturate by 10%, it is **75.2627, 0.3775, 0.4178**.

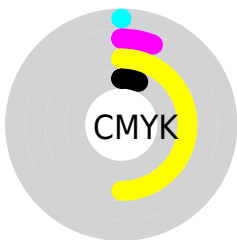
Distribution



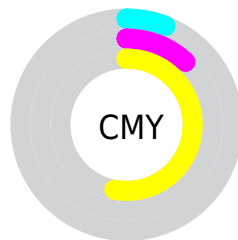
- Red (94%)
- Green (88%)
- Blue (47%)



- Red (53%)
- Yellow (94%)
- Blue (47%)



- Cyan (0%)
- Magenta (6%)
- Yellow (50%)
- Black (6%)





- Cyan (6%)
- Magenta (12%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9939, 0.3935, 0.4380 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 72.9939, 0.3935, 0.4380 by changing the saturation by 10% instead.


 72.9939, 0.3935,
0.4380


 72.9939, 0.3935,
0.4380


470.9937, 0.3584,
0.3886

 53.9710, 0.4006,
0.4486


 123.4686, 0.3820,
0.4213

 38.5785, 0.4087,
0.4611


 155.6891, 0.3773,
0.4147

 26.4320, 0.4180,
0.4761


 193.0776, 0.3732,
0.4089

 17.1471, 0.4282,
0.4939

236.0184, 0.3695,
0.4038

 10.3394, 0.4385,
0.5145

284.8961, 0.3663,
0.3993

 5.6246, 0.4539,
0.5461

340.0949, 0.3633,

 2.6182, 0.4440,

0.3953

0.5560

401.9993, 0.3607,
0.3918

■ 0.9358, 0.4223,
0.5777

■ 0.0000, 0.0000,
0.0000

■ 72.9939, 0.3935,
0.4380

■ 72.9939, 0.3935,
0.4380

■ 70.9043, 0.4082,
0.4556

■ 75.2627, 0.3775,
0.4178

■ 68.9727, 0.4210,
0.4697


■ 77.7106, 0.3609,
0.3959


■ 67.1895, 0.4313,
0.4795


■ 80.3502, 0.3444,
0.3735


■ 65.5397, 0.4387,
0.4847


■ 83.1898, 0.3283,
0.3511

 64.0291, 0.4435,
0.4860

 86.2375, 0.3130,
0.3294

 89.0161, 0.3031,
0.3160

 90.8051, 0.3030,
0.3190

 92.6231, 0.3030,
0.3220

 94.4703, 0.3030,
0.3249

Harmonies

Analogous

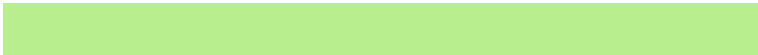
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9939, 0.4328, 0.4019



72.9939, 0.3935, 0.4380



72.9939, 0.3348, 0.4446

Triad

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



72.9939, 0.3935, 0.4380



72.9939, 0.2014, 0.2832



72.9939, 0.3449, 0.2648

Complementary

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



72.9939, 0.3935, 0.4380



27.1921, 0.2200, 0.1887

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.



72.9939, 0.2803, 0.2376



72.9939, 0.3935, 0.4380



72.9939, 0.2034, 0.2438

Square

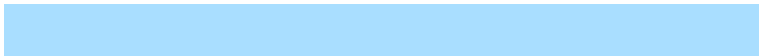
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9939, 0.3935, 0.4380



72.9939, 0.2253, 0.3446



72.9939, 0.2305, 0.2294



72.9939, 0.4054, 0.3059

Rectangle

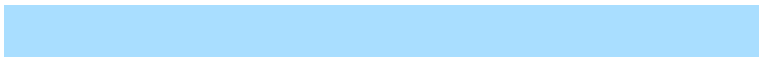
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9939, 0.3935, 0.4380



72.9939, 0.2930, 0.4253



72.9939, 0.2305, 0.2294



72.9939, 0.3227, 0.2539

Sweetspot

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



72.9973, 0.3935, 0.4380



94.7690, 0.3360, 0.3619



33.2880, 0.4362, 0.3119



20.1365, 0.3394, 0.3666



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.



72.9973, 0.3935, 0.4380



82.1567, 0.4082, 0.4556



74.6567, 0.3538, 0.4660



18.1027, 0.3271, 0.3495



35.5220, 0.4431, 0.4864



3.0486, 0.4395, 0.4892

Inverse Universe

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



27.1921, 0.2200, 0.1887



23.7421, 0.2002, 0.1565



27.2072, 0.2495, 0.1821



15.5465, 0.2980, 0.3077



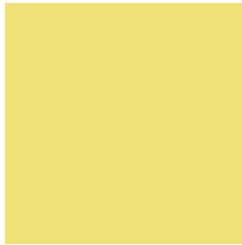
4.0532, 0.1526, 0.0694



0.4385, 0.1576, 0.0872

Previews

White Background



This preview shows how the Yxy color 72.9939, 0.3935, 0.4380 looks on a white background.

Color Contrast Check

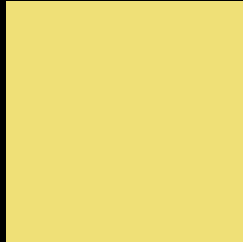
Large Text (above 18pt) WCAG AA × Fail

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 72.9939, 0.3935, 0.4380 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 72.9939, 0.3935, 0.4380

Background



This preview shows how black text looks on a background with the Yxy color 72.9939, 0.3935, 0.4380.



This preview shows how white text looks on a background with the Yxy color 72.9939, 0.3935, 0.4380.

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

72.9939, 0.3935, 0.4380

Protanopia

72.9630, 0.3998, 0.4351

Deuteranopia

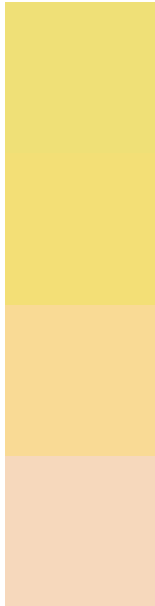
72.6141, 0.3786, 0.3796



Tritanopia

73.0124, 0.3298, 0.3128

Trichromacy



Original Color

72.9939, 0.3935, 0.4380

Protanomaly

73.1380, 0.3977, 0.4366

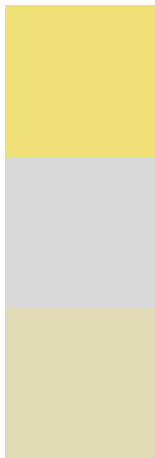
Deuteranomaly

72.4525, 0.3848, 0.4008

Tritanomaly

72.3354, 0.3551, 0.3586

Monochromacy



Original Color

72.9939, 0.3935, 0.4380

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.5301, 0.3431, 0.3723

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9939, 0.3935, 0.4380 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(239, 224, 119)` looks like.

```
.text, #text, p{  
    color:rgb(239, 224, 119)  
}
```

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(239, 224, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 224, 119) }
```

Border

The CSS property to change the border of an element to Yxy 72.9939, 0.3935, 0.4380 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(239, 224, 119) }
```

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

```
.border{ border-color:rgb(239, 224, 119) }
```

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

Here you see how a box with a 4 pixel rgb(239, 224, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 224, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 224, 119);  
box-shadow:4px 4px 4px 4px rgb(239, 224,  
119) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.9939, 0.3935, 0.4380$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 224, 119) }
```

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

```
.background{ background-color: rgb(239,  
224, 119) }
```

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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