

Converting Colors

Yxy(69.0594, 0.4194, 0.5039)

Have a look what the booklet for
Yxy(69.0594, 0.4194, 0.5039)
contains.

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Color

Yxy(69.1739, 0.4188, 0.5044)

Conversions

Conversions Part 1

Format	Color
Hex	E0E007
RGB	224, 224, 7
RGB Percent	88%, 88%, 3%
CMY	0.1216, 0.1215, 0.9715
CMYK	0.00, 0.00, 0.97, 0.12
HSL	60°, 94%, 45%
HSV	60°, 97%, 88%
XYZ	57.4346, 69.1739, 10.5324
YIQ	199.2620, 69.6570, -67.4870

Conversions

Conversions Part 2

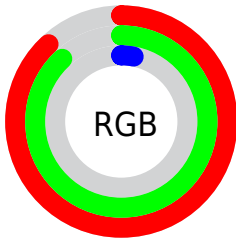
Format	Color
RYB	7, 224, 7
Decimal	14737415
CIELab	86.59, -19.48, 85.07
CIELCh	87, 87.273, 102.899
Yxy	69.1739, 0.4188, 0.5044
Android (android.graphics.Color)	4292927495 (0xFFE0E007)
YUV	199.2620, -94.7852, 21.6952
Hunter-Lab	83.1708, -22.2837, 50.7113

Details

The Yxy color **69.1739, 0.4188, 0.5044** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **5.5867, 0.1512, 0.0620**, and the grayscale version is **57.8624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5353, 0.4020, 0.4767**, and **36.2684, 0.4142, 0.5093** is the 20% darker color. If you saturate the color by 10%, you get **69.1612, 0.4193, 0.5053**, and if you desaturate by 10%, it is **69.2534, 0.4163, 0.5003**.

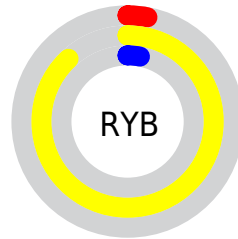
Distribution



Red (88%)

Green (88%)

Blue (3%)



Red (3%)

Yellow (88%)

Blue (3%)

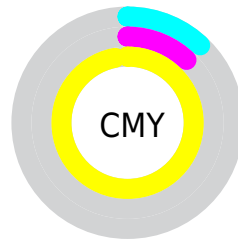


Cyan (0%)

Magenta (0%)

Yellow (97%)

Black (12%)



Cyan (12%)


Magenta (12%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1739, 0.4188, 0.5044 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 69.1739, 0.4188, 0.5044 by changing the saturation by 10% instead.


 69.1739, 0.4188,
0.5044

 69.1739, 0.4188,
0.5044


457.6441, 0.3794,
0.4286


 50.8533, 0.4240,
0.5184

 118.0299, 0.4080,
0.4804

 36.0919, 0.4284,
0.5337


 149.3342, 0.4029,
0.4704

 24.5052, 0.4308,
0.5496


 185.7351, 0.3981,
0.4614

 15.7088, 0.4315,
0.5685

 227.6172, 0.3937,
0.4533

 9.3183, 0.4206,
0.5794

 275.3647, 0.3897,
0.4462

 4.9494, 0.4043,
0.5957

 329.3621, 0.3859,

 2.2176, 0.3778,

0.4397

0.6222

389.9937, 0.3825,
0.4339

■ 0.7296, 0.2299,
0.7701

■ 0.0000, 0.0000,
0.0000

■ 69.1739, 0.4188,
0.5044

■ 69.1739, 0.4188,
0.5044

■ 69.1612, 0.4193,
0.5053

■ 69.2534, 0.4163,
0.5003

■ 69.4101, 0.4114,
0.4922

■ 69.6624, 0.4038,
0.4797

■ 70.0225, 0.3938,
0.4630

■ 70.5004, 0.3816,
0.4429

■ 71.1052, 0.3678,
0.4201

■ 71.8452, 0.3530,
0.3956

■ 72.7277, 0.3378,
0.3705

■ 73.7597, 0.3227,
0.3455

Harmonies

Analogous

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



69.1739, 0.4924, 0.4374



69.1739, 0.4188, 0.5044



69.1739, 0.3245, 0.5263

Triad

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



69.1739, 0.4188, 0.5044



69.1739, 0.1420, 0.2386



69.1739, 0.3773, 0.2363

Complementary

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



69.1739, 0.4188, 0.5044



5.5867, 0.1512, 0.0620

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.



69.1739, 0.2702, 0.1947



69.1739, 0.4188, 0.5044



69.1739, 0.1509, 0.1900

Square

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



69.1739, 0.4188, 0.5044



69.1739, 0.1674, 0.3344



69.1739, 0.1925, 0.1780



69.1739, 0.4769, 0.2960

Rectangle

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



69.1739, 0.4188, 0.5044



69.1739, 0.2610, 0.4903



69.1739, 0.1925, 0.1780



69.1739, 0.3398, 0.2200

Sweetspot

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



69.1771, 0.4188, 0.5044



96.1176, 0.3567, 0.4017



16.0218, 0.6356, 0.3300



20.4812, 0.3631, 0.4123



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.



69.1771, 0.4188, 0.5044



92.7776, 0.4193, 0.5053



57.0185, 0.3375, 0.5685



16.0296, 0.3267, 0.3522



40.2543, 0.4193, 0.5053



2.7902, 0.4193, 0.5053

Inverse Universe

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



5.5867, 0.1512, 0.0620



7.2201, 0.1500, 0.0600



9.2278, 0.2046, 0.0912



13.2434, 0.2980, 0.3047



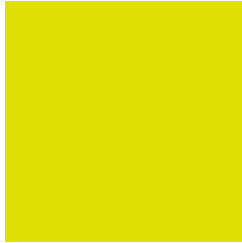
3.1327, 0.1500, 0.0600



0.2172, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 69.1739, 0.4188, 0.5044 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 69.1739, 0.4188, 0.5044 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 69.1739, 0.4188, 0.5044

Background



This preview shows how black text looks on a background with the Yxy color 69.1739, 0.4188, 0.5044.



This preview shows how white text looks on a background with the Yxy color 69.1739, 0.4188, 0.5044.

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

69.1739, 0.4188, 0.5044

Protanopia

68.8588, 0.4406, 0.4884

Deuteranopia

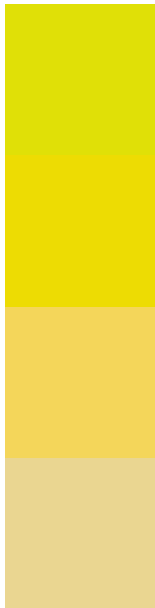
68.6671, 0.4020, 0.4027



Tritanopia

68.8443, 0.3248, 0.3122

Trichromacy



Original Color

69.1739, 0.4188, 0.5044

Protanomaly

69.1975, 0.4324, 0.4943

Deuteranomaly

68.0644, 0.4193, 0.4515

Tritanomaly

67.6299, 0.3772, 0.4044

Monochromacy



Original Color

69.1739, 0.4188, 0.5044

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

60.1066, 0.3693, 0.4226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1739, 0.4188, 0.5044 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(224, 224, 7)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 7)  
}
```

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(224, 224, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 7) }
```

Border

The CSS property to change the border of an element to Yxy 69.1739, 0.4188, 0.5044 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(224, 224, 7) }
```

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

```
.border{ border-color:rgb(224, 224, 7) }
```

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

Here you see how a box with a 4 pixel rgb(224, 224, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 7);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
7) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1739, 0.4188, 0.5044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 7) }
```

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

```
.background{ background-color: rgb(224,  
224, 7) }
```

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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