

Converting Colors

Yxy(69.1650, 0.3958, 0.4807)

Have a look what the booklet for
Yxy(69.1650, 0.3958, 0.4807)
contains.

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Color

$\text{Yxy}(69.1667, 0.3959, 0.4808)$

Conversions

Conversions Part 1

Format	Color
Hex	D9E14F
RGB	217, 225, 79
RGB Percent	85%, 88%, 31%
CMY	0.1490, 0.1176, 0.6903
CMYK	0.04, 0.00, 0.65, 0.12
HSL	63°, 71%, 60%
HSV	63°, 65%, 88%
XYZ	56.9532, 69.1667, 17.7376
YIQ	205.9640, 42.0980, -47.1020

Conversions

Conversions Part 2

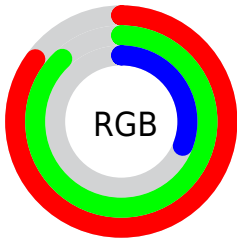
Format	Color
RYB	79, 225, 87
Decimal	14278991
CIELab	86.59, -20.65, 67.64
CIELCh	87, 70.726, 106.978
Yxy	69.1667, 0.3959, 0.4808
Android (android.graphics.Color)	4292469071 (0xFFD9E14F)
YUV	205.9640, -62.5933, 9.6786
Hunter-Lab	83.1665, -23.3030, 45.5713

Details

The Yxy color **69.1667, 0.3959, 0.4808** 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 **13.0469, 0.1915, 0.1230**, and the grayscale version is **62.0858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5293, 0.3824, 0.4443**, and **36.1379, 0.4071, 0.5123** is the 20% darker color. If you saturate the color by 10%, you get **68.7080, 0.4030, 0.4953**, and if you desaturate by 10%, it is **69.7440, 0.3864, 0.4623**.

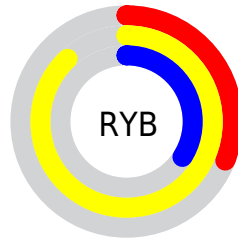
Distribution



Red (85%)

Green (88%)

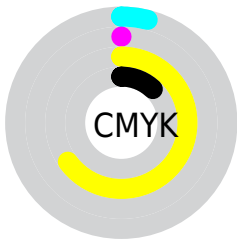
Blue (31%)



Red (31%)

Yellow (88%)

Blue (34%)

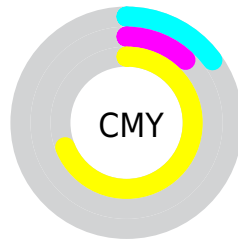


Cyan (4%)

Magenta (0%)

Yellow (65%)

Black (12%)



Cyan (15%)


Magenta (12%)


Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.1667, 0.3959, 0.4808 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 69.1667, 0.3959, 0.4808 by changing the saturation by 10% instead.

 69.1667, 0.3959,
0.4808


 69.1667, 0.3959,
0.4808


457.6187, 0.3625,
0.4113

 50.8475, 0.4014,
0.4954


 118.0196, 0.3859,
0.4575

 36.0872, 0.4070,
0.5123


 149.3222, 0.3815,
0.4482


 24.5016, 0.4119,
0.5319


 185.7212, 0.3775,
0.4400

 15.7061, 0.4147,
0.5540

 227.6012, 0.3739,
0.4329

 9.3164, 0.4164,
0.5836

 275.3466, 0.3706,
0.4265

 4.9481, 0.3992,
0.6008

329.3417, 0.3677,

 2.2169, 0.3710,

0.4209

0.6290

389.9709, 0.3650,
0.4159

0.7292, 0.2058,
0.7942

0.0000, 0.0000,
0.0000

69.1667, 0.3959,
0.4808

69.1667, 0.3959,
0.4808

68.7080, 0.4030,
0.4953

69.7440, 0.3864,
0.4623

68.3466, 0.4074,
0.5053

70.4405, 0.3748,
0.4407


68.0714, 0.4094,
0.5111


71.2682, 0.3618,
0.4167


67.9523, 0.4097,
0.5129


72.2353, 0.3479,
0.3915

 73.3492, 0.3336,
0.3660

 74.6169, 0.3195,
0.3409

 76.0447, 0.3058,
0.3169

 77.3810, 0.2952,
0.2982

 77.5817, 0.2960,
0.2983

Harmonies

Analogous

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



69.1667, 0.4586, 0.4339



69.1667, 0.3959, 0.4808



69.1667, 0.3157, 0.4823

Triad

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



69.1667, 0.3959, 0.4808



69.1667, 0.1671, 0.2486



69.1667, 0.3784, 0.2579

Complementary

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



69.1667, 0.3959, 0.4808



13.0469, 0.1915, 0.1230

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.



69.1667, 0.2898, 0.2188



69.1667, 0.3959, 0.4808



69.1667, 0.1784, 0.2095

Square

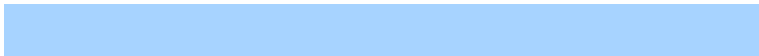
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1667, 0.3959, 0.4808



69.1667, 0.1867, 0.3232



69.1667, 0.2195, 0.2013



69.1667, 0.4543, 0.3118

Rectangle

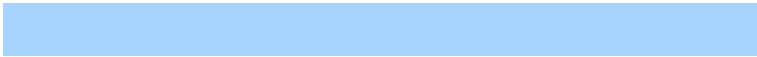
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1667, 0.3959, 0.4808



69.1667, 0.2628, 0.4458



69.1667, 0.2195, 0.2013



69.1667, 0.3484, 0.2428

Sweetspot

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



69.1699, 0.3959, 0.4808



96.7636, 0.3397, 0.3768



23.2698, 0.5184, 0.3369



20.6210, 0.3438, 0.3841



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.



69.1699, 0.3959, 0.4808



91.0602, 0.4049, 0.4994



60.4072, 0.3406, 0.5149



15.9894, 0.3259, 0.3522



39.1728, 0.4098, 0.5128



2.7271, 0.4114, 0.5116

Inverse Universe

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



13.0469, 0.1915, 0.1230



11.2508, 0.1693, 0.0874



18.4229, 0.2513, 0.1506



13.2789, 0.2989, 0.3048



3.1947, 0.1518, 0.0610



0.2342, 0.1569, 0.0638

Previews

White Background



This preview shows how the Yxy color 69.1667, 0.3959, 0.4808 looks on a white background.

Color Contrast Check

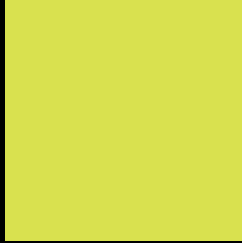
Large Text (above 18pt) WCAG AA × Fail

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 69.1667, 0.3959, 0.4808 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 69.1667, 0.3959, 0.4808

Background



This preview shows how black text looks on a background with the Yxy color 69.1667, 0.3959, 0.4808.



This preview shows how white text looks on a background with the Yxy color 69.1667, 0.3959, 0.4808.

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

69.1667, 0.3959, 0.4808

Protanopia

69.0388, 0.4217, 0.4638

Deuteranopia

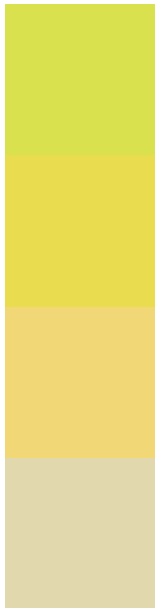
68.7840, 0.3992, 0.3988



Tritanopia

69.1235, 0.3165, 0.3120

Trichromacy



Original Color

69.1667, 0.3959, 0.4808

Protanomaly

69.0601, 0.4121, 0.4699

Deuteranomaly

68.6097, 0.4004, 0.4302

Tritanomaly

68.2976, 0.3504, 0.3771

Monochromacy



Original Color

69.1667, 0.3959, 0.4808

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.8282, 0.3477, 0.3913

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1667, 0.3959, 0.4808 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(217, 225, 79)` looks like.

```
.text, #text, p{  
    color:rgb(217, 225, 79)  
}
```

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(217, 225, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 225, 79) }
```

Border

The CSS property to change the border of an element to Yxy 69.1667, 0.3959, 0.4808 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(217, 225, 79) }
```

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

```
.border{ border-color:rgb(217, 225, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 225, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 225, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 225, 79);  
box-shadow:4px 4px 4px 4px rgb(217, 225,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1667, 0.3959, 0.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 225, 79) }
```

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

```
.background{ background-color: rgb(217,  
225, 79) }
```

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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