

Converting Colors

$Yxy(69.3892, 0.3959, 0.4789)$

Have a look what the booklet for
Yxy(69.3892, 0.3959, 0.4789)
contains.

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Color

Yxy(69.3499, 0.3958, 0.4789)

Conversions

Conversions Part 1

Format	Color
Hex	DAE151
RGB	218, 225, 81
RGB Percent	85%, 88%, 32%
CMY	0.1452, 0.1176, 0.6824
CMYK	0.03, 0.00, 0.64, 0.12
HSL	63°, 71%, 60%
HSV	63°, 64%, 88%
XYZ	57.3161, 69.3499, 18.1448
YIQ	206.4910, 42.0520, -46.2680

Conversions

Conversions Part 2

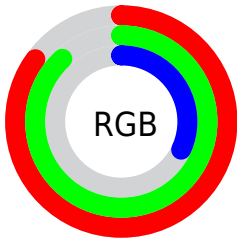
Format	Color
R _Y B	81, 225, 88
Decimal	14344529
CIE Lab	86.68, -20.15, 66.97
CIE LCh	87, 69.935, 106.744
Yxy	69.3499, 0.3958, 0.4789
Android (android.graphics.Color)	4292534609 (0xFFDAE151)
YUV	206.4910, -61.8671, 10.0934
Hunter-Lab	83.2766, -22.8792, 45.3752

Details

The Yxy color **69.3499, 0.3958, 0.4789** 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 **13.3951, 0.1927, 0.1255**, and the grayscale version is **62.4349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5861, 0.3814, 0.4426**, and **36.2547, 0.4072, 0.5100** is the 20% darker color. If you saturate the color by 10%, you get **68.9005, 0.4032, 0.4936**, and if you desaturate by 10%, it is **69.9186, 0.3860, 0.4602**.

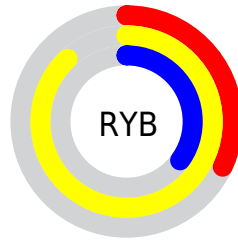
Distribution



Red (85%)

Green (88%)

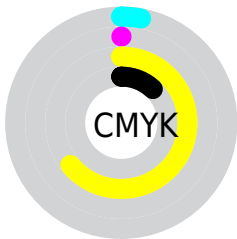
Blue (32%)



Red (32%)

Yellow (88%)

Blue (35%)

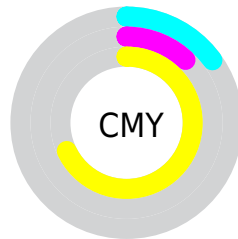


Cyan (3%)

Magenta (0%)

Yellow (64%)

Black (12%)



Cyan (15%)


Magenta (12%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3499, 0.3958, 0.4789 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 69.3499, 0.3958, 0.4789 by changing the saturation by 10% instead.


 69.3499, 0.3958,
0.4789


 69.3499, 0.3958,
0.4789


458.2641, 0.3623,
0.4103


 50.9967, 0.4014,
0.4933

 118.2812, 0.3857,
0.4559

 36.2060, 0.4071,
0.5101


 149.6281, 0.3813,
0.4467

 24.5933, 0.4123,
0.5295


 186.0751, 0.3773,
0.4386

 15.7743, 0.4155,
0.5515

 228.0064, 0.3737,
0.4316

 9.3646, 0.4183,
0.5817

275.8066, 0.3704,
0.4253

 4.9798, 0.4016,
0.5984


329.8600, 0.3674,

 2.2354, 0.3743,


0.4198


0.6257


390.5511, 0.3647,
0.4148

 0.7392, 0.2218,
0.7782


 0.0000, 0.0000,
0.0000


 69.3499, 0.3958,
0.4789


 69.3499, 0.3958,
0.4789

 68.9005, 0.4032,
0.4936


 69.9186, 0.3860,
0.4602

 68.5494, 0.4080,
0.5040

 70.6069, 0.3742,
0.4384


 68.2855, 0.4102,
0.5100


 71.4270, 0.3609,
0.4144


 68.1558, 0.4107,
0.5121


 72.3870, 0.3469,
0.3892

 73.4941, 0.3325,
0.3637

 74.7553, 0.3183,
0.3387

 76.1770, 0.3046,
0.3148

 77.3733, 0.2952,
0.2982

 77.5527, 0.2959,
0.2983

Harmonies

Analogous

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



69.3499, 0.4575, 0.4326



69.3499, 0.3958, 0.4789



69.3499, 0.3165, 0.4805

Triad

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



69.3499, 0.3958, 0.4789



69.3499, 0.1685, 0.2501



69.3499, 0.3770, 0.2582

Complementary

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



69.3499, 0.3958, 0.4789



13.3951, 0.1927, 0.1255

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.



69.3499, 0.2895, 0.2197



69.3499, 0.3958, 0.4789



69.3499, 0.1795, 0.2109

Square

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



69.3499, 0.3958, 0.4789



69.3499, 0.1883, 0.3241



69.3499, 0.2200, 0.2025



69.3499, 0.4521, 0.3117

Rectangle

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



69.3499, 0.3958, 0.4789



69.3499, 0.2641, 0.4448



69.3499, 0.2200, 0.2025



69.3499, 0.3474, 0.2433

Sweetspot

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



69.3531, 0.3958, 0.4789



96.8162, 0.3399, 0.3767



23.2246, 0.5162, 0.3344



20.6339, 0.3440, 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.



69.3531, 0.3958, 0.4789



91.3153, 0.4052, 0.4978



60.7669, 0.3423, 0.5115



15.9936, 0.3260, 0.3522



39.2837, 0.4108, 0.5120



2.7336, 0.4122, 0.5109

Inverse Universe

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



13.3951, 0.1927, 0.1255



11.5503, 0.1702, 0.0894



18.5678, 0.2500, 0.1517



13.2751, 0.2988, 0.3048



3.1882, 0.1516, 0.0609



0.2324, 0.1562, 0.0634

Previews

White Background



This preview shows how the Yxy color 69.3499, 0.3958, 0.4789 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 69.3499, 0.3958, 0.4789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

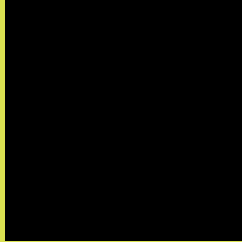
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3499, 0.3958, 0.4789

Background



This preview shows how black text looks on a background with the Yxy color 69.3499, 0.3958, 0.4789.



This preview shows how white text looks on a background with the Yxy color 69.3499, 0.3958, 0.4789.

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

69.3499, 0.3958, 0.4789

Protanopia

69.0675, 0.4208, 0.4625

Deuteranopia

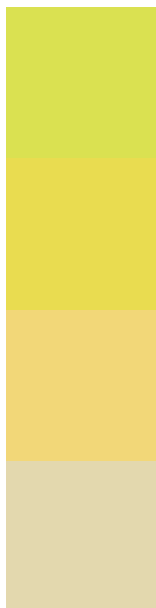
68.8139, 0.3984, 0.3978



Tritanopia

69.2904, 0.3172, 0.3120

Trichromacy



Original Color

69.3499, 0.3958, 0.4789

Protanomaly

69.0892, 0.4113, 0.4685

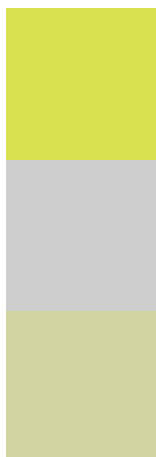
Deuteranomaly

68.8342, 0.3999, 0.4280

Tritanomaly

68.4986, 0.3504, 0.3758

Monochromacy



Original Color

69.3499, 0.3958, 0.4789

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.8633, 0.3470, 0.3901

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3499, 0.3958, 0.4789 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(218, 225, 81)` looks like.

```
.text, #text, p{  
    color:rgb(218, 225, 81)  
}
```

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(218, 225, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 225, 81) }
```

Border

The CSS property to change the border of an element to Yxy 69.3499, 0.3958, 0.4789 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(218, 225, 81) }
```

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

```
.border{ border-color:rgb(218, 225, 81) }
```

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

Here you see how a box with a 4 pixel rgb(218, 225, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 225, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 225, 81);  
box-shadow:4px 4px 4px 4px rgb(218, 225,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3499, 0.3958, 0.4789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 225, 81) }
```

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

```
.background{ background-color: rgb(218,  
225, 81) }
```

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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