

Converting Colors

$Yxy(69.6572, 0.3473, 0.4053)$

Have a look what the booklet for
Yxy(69.6572, 0.3473, 0.4053)
contains.

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Color

Yxy(69.6288, 0.3471, 0.4049)

Conversions

Conversions Part 1

Format	Color
Hex	D3E09E
RGB	211, 224, 158
RGB Percent	83%, 88%, 62%
CMY	0.1726, 0.1215, 0.3803
CMYK	0.06, 0.00, 0.29, 0.12
HSL	72°, 52%, 75%
HSV	72°, 29%, 88%
XYZ	59.6892, 69.6288, 42.6474
YIQ	212.5890, 13.4380, -23.2820

Conversions

Conversions Part 2

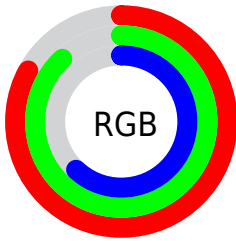
Format	Color
RYB	158, 224, 171
Decimal	13885598
CIELab	86.81, -14.99, 30.93
CIElCh	87, 34.374, 115.854
Yxy	69.6288, 0.3471, 0.4049
Android (android.graphics.Color)	4292075678 (0xFFD3E09E)
YUV	212.5890, -26.9124, -1.3936
Hunter-Lab	83.4439, -18.3419, 28.1081

Details

The Yxy color **69.6288, 0.3471, 0.4049** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.5033, 0.2711, 0.2457**, and the grayscale version is **66.4281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5841, 0.3376, 0.3701**, and **36.4845, 0.3544, 0.4240** is the 20% darker color. If you saturate the color by 10%, you get **68.2855, 0.3581, 0.4313**, and if you desaturate by 10%, it is **71.1368, 0.3355, 0.3783**.

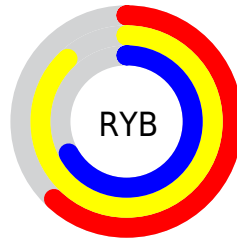
Distribution



Red (83%)

Green (88%)

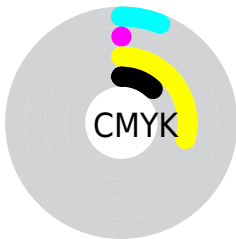
Blue (62%)



Red (62%)

Yellow (88%)

Blue (67%)

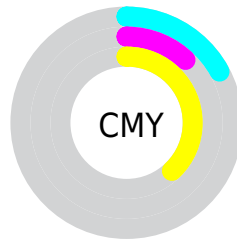


Cyan (6%)

Magenta (0%)

Yellow (29%)

Black (12%)



Cyan (17%)


Magenta (12%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.6288, 0.3471, 0.4049 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 69.6288, 0.3471, 0.4049 by changing the saturation by 10% instead.


 69.6288, 0.3471,
0.4049


 69.6288, 0.3471,
0.4049


459.2456, 0.3318,
0.3687

 51.2240, 0.3504,
0.4134


 118.6792, 0.3420,
0.3922

 36.3869, 0.3542,
0.4239


 150.0937, 0.3399,
0.3873

 24.7331, 0.3589,
0.4373


186.6134, 0.3381,
0.3831

 15.8784, 0.3645,
0.4549

228.6228, 0.3366,
0.3794

 9.4381, 0.3710,
0.4789

276.5064, 0.3352,
0.3762

 5.0280, 0.3779,
0.5126


330.6484, 0.3339,

 2.2637, 0.4045,


0.3734


0.5955


391.4333, 0.3328,
0.3709


 0.7544, 0.3176,
0.6824


 0.0000, 0.0000,
0.0000

 69.6288, 0.3471,
0.4049


 69.6288, 0.3471,
0.4049


 68.2855, 0.3581,
0.4313


 71.1368, 0.3355,
0.3783

 67.0899, 0.3679,
0.4566


 72.8075, 0.3237,
0.3524

 66.0366, 0.3759,
0.4797


 74.6507, 0.3121,
0.3277

 65.1160, 0.3818,
0.4994

 76.6728, 0.3009,
0.3046

 64.3175, 0.3852,
0.5150


 77.8741, 0.2993,
0.2975


 63.6282, 0.3860,
0.5259


 78.6278, 0.3023,
0.2978

 63.0273, 0.3845,
0.5327

 79.4002, 0.3052,
0.2981

 62.9960, 0.3844,
0.5330

 80.1915, 0.3082,
0.2984

 81.0019, 0.3112,
0.2987

Harmonies

Analogous

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



69.6288, 0.3808, 0.3940



69.6288, 0.3471, 0.4049



69.6288, 0.3055, 0.3922

Triad

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



69.6288, 0.3471, 0.4049



69.6288, 0.2354, 0.2830



69.6288, 0.3576, 0.3009

Complementary

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



69.6288, 0.3471, 0.4049



38.5033, 0.2711, 0.2457

Split Complementary

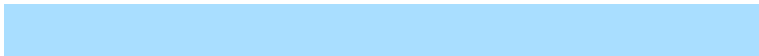
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6288, 0.3156, 0.2755



69.6288, 0.3471, 0.4049



69.6288, 0.2469, 0.2642

Square

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



69.6288, 0.3471, 0.4049



69.6288, 0.2425, 0.3171



69.6288, 0.2753, 0.2622



69.6288, 0.3880, 0.3334

Rectangle

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



69.6288, 0.3471, 0.4049



69.6288, 0.2791, 0.3713



69.6288, 0.2753, 0.2622



69.6288, 0.3442, 0.2913

Sweetspot

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



69.6319, 0.3471, 0.4049



97.7603, 0.3232, 0.3514



47.1100, 0.3741, 0.3435



20.8511, 0.3250, 0.3551



0.0000, 0.0000, 0.0000



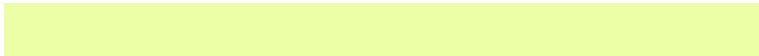
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.6319, 0.3471, 0.4049



92.3357, 0.3536, 0.4203



65.3583, 0.3232, 0.4110



15.8858, 0.3237, 0.3524



36.7142, 0.3850, 0.5325



2.5801, 0.3905, 0.5281

Inverse Universe

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



38.5033, 0.2711, 0.2457



44.5132, 0.2612, 0.2268



42.5533, 0.2979, 0.2518



13.3728, 0.3011, 0.3050



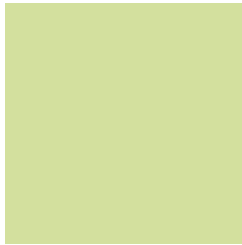
3.4850, 0.1598, 0.0654



0.2788, 0.1741, 0.0733

Previews

White Background



This preview shows how the Yxy color 69.6288, 0.3471, 0.4049 looks on a white background.

Color Contrast Check

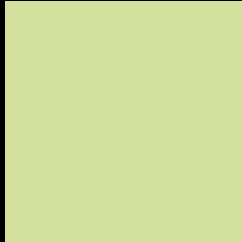
Large Text (above 18pt) WCAG AA × Fail

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 69.6288, 0.3471, 0.4049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

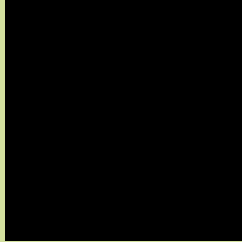
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

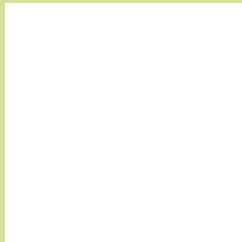
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6288, 0.3471, 0.4049

Background



This preview shows how black text looks on a background with the Yxy color 69.6288, 0.3471, 0.4049.

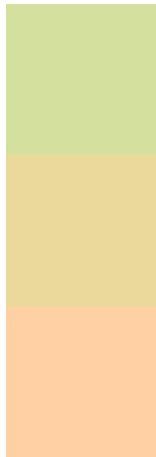


This preview shows how white text looks on a background with the Yxy color 69.6288, 0.3471, 0.4049.

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

69.6288, 0.3471, 0.4049

Protanopia

69.4847, 0.3692, 0.3967

Deuteranopia

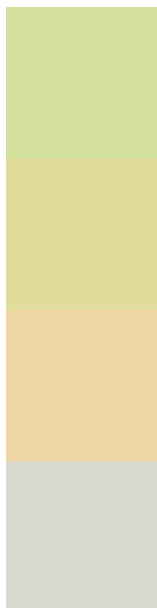
69.0521, 0.3825, 0.3747



Tritanopia

69.7992, 0.3057, 0.3107

Trichromacy



Original Color

69.6288, 0.3471, 0.4049

Protanomaly

69.7555, 0.3612, 0.4002

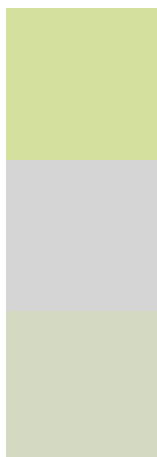
Deuteranomaly

69.0525, 0.3691, 0.3852

Tritanomaly

69.3023, 0.3208, 0.3435

Monochromacy



Original Color

69.6288, 0.3471, 0.4049

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.4730, 0.3254, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6288, 0.3471, 0.4049 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(211, 224, 158)` looks like.

```
.text, #text, p{  
    color:rgb(211, 224, 158)  
}
```

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(211, 224, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 224, 158) }
```

Border

The CSS property to change the border of an element to Yxy 69.6288, 0.3471, 0.4049 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(211, 224, 158) }
```

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

```
.border{ border-color:rgb(211, 224, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 224, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 224, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 224, 158);  
box-shadow:4px 4px 4px 4px rgb(211, 224,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6288, 0.3471, 0.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 224, 158) }
```

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

```
.background{ background-color: rgb(211,  
224, 158) }
```

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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