

Converting Colors

$Yxy(69.0929, 0.3415, 0.3960)$

Have a look what the booklet for
Yxy(69.0929, 0.3415, 0.3960)
contains.

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Color

Yxy(69.0473, 0.3412, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	D1DFA5
RGB	209, 223, 165
RGB Percent	82%, 87%, 65%
CMY	0.1803, 0.1255, 0.3529
CMYK	0.06, 0.00, 0.26, 0.13
HSL	74°, 48%, 76%
HSV	74°, 26%, 87%
XYZ	59.4773, 69.0473, 45.7933
YIQ	212.2020, 10.2740, -21.0060

Conversions

Conversions Part 2

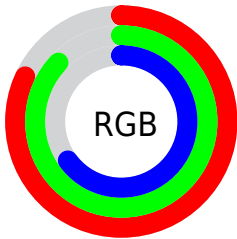
Format	Color
RYB	165, 223, 179
Decimal	13754277
CIELab	86.53, -14.26, 26.93
CIELCh	87, 30.469, 117.906
Yxy	69.0473, 0.3412, 0.3961
Android (android.graphics.Color)	4291944357 (0xFFD1DFA5)
YUV	212.2020, -23.2706, -2.8082
Hunter-Lab	83.0947, -17.6496, 25.4917

Details

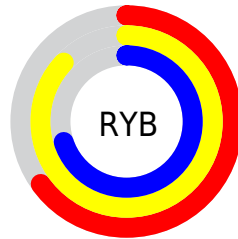
The Yxy color **69.0473, 0.3412, 0.3961** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8244, 0.2789, 0.2571**, and the grayscale version is **66.1358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **36.0675, 0.3469, 0.4128** is the 20% darker color. If you saturate the color by 10%, you get **67.5364, 0.3516, 0.4231**, and if you desaturate by 10%, it is **70.7324, 0.3303, 0.3694**.

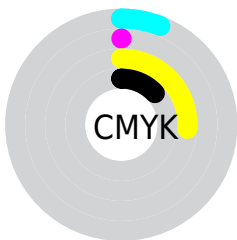
Distribution



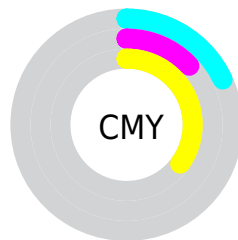
- Red (82%)
- Green (87%)
- Blue (65%)



- Red (65%)
- Yellow (87%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (26%)
- Black (13%)




- Cyan (18%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0473, 0.3412, 0.3961 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 69.0473, 0.3412, 0.3961 by changing the saturation by 10% instead.


 69.0473, 0.3412,
0.3961


 69.0473, 0.3412,
0.3961

457.1978, 0.3285,
0.3640

 50.7502, 0.3440,
0.4036


 117.8491, 0.3369,
0.3848

 36.0099, 0.3473,
0.4131


 149.1227, 0.3352,
0.3804

 24.4418, 0.3513,
0.4251


185.4905, 0.3337,
0.3767

 15.6617, 0.3561,
0.4411

227.3370, 0.3324,
0.3735

 9.2851, 0.3621,
0.4630

275.0466, 0.3312,
0.3707

 4.9276, 0.3688,
0.4947

329.0037, 0.3302,

 2.2048, 0.3962,

0.3682

0.5751

389.5926, 0.3293,
0.3660

0.7226, 0.3191,
0.6809

0.0000, 0.0000,
0.0000

69.0473, 0.3412,
0.3961

69.0473, 0.3412,
0.3961

67.5364, 0.3516,
0.4231

70.7324, 0.3303,
0.3694

66.1829, 0.3611,
0.4496


72.5896, 0.3192,
0.3437

64.9816, 0.3690,
0.4743


74.6286, 0.3084,
0.3195

63.9233, 0.3750,
0.4962

76.8555, 0.2981,
0.2971

 62.9979, 0.3785,
0.5142


 77.8127, 0.3012,
0.2967


 62.1932, 0.3794,
0.5277


 78.7467, 0.3048,
0.2970

 61.4947, 0.3778,
0.5364

 79.7087, 0.3085,
0.2974

 61.2352, 0.3767,
0.5391

 80.6989, 0.3121,
0.2978

 81.2559, 0.3142,
0.2980

Harmonies

Analogous

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



69.0473, 0.3719, 0.3883



69.0473, 0.3412, 0.3961



69.0473, 0.3040, 0.3832

Triad

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



69.0473, 0.3412, 0.3961



69.0473, 0.2436, 0.2866



69.0473, 0.3549, 0.3058

Complementary

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



69.0473, 0.3412, 0.3961



41.8244, 0.2789, 0.2571

Split Complementary

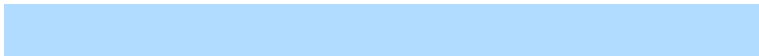
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.0473, 0.3181, 0.2822



69.0473, 0.3412, 0.3961



69.0473, 0.2551, 0.2705

Square

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



69.0473, 0.3412, 0.3961



69.0473, 0.2490, 0.3163



69.0473, 0.2817, 0.2694



69.0473, 0.3807, 0.3355

Rectangle

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



69.0473, 0.3412, 0.3961



69.0473, 0.2807, 0.3642



69.0473, 0.2817, 0.2694



69.0473, 0.3433, 0.2970

Sweetspot

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



69.0504, 0.3412, 0.3961



97.8338, 0.3215, 0.3489



50.4614, 0.3641, 0.3450



20.8571, 0.3232, 0.3527



0.0000, 0.0000, 0.0000



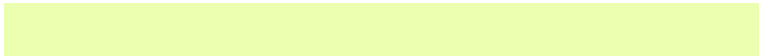
21.4041, 0.3127, 0.3290

Same Dimension

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



69.0504, 0.3412, 0.3961



92.4744, 0.3467, 0.4102



65.2531, 0.3201, 0.4008



15.8544, 0.3230, 0.3524



36.0597, 0.3774, 0.5385



2.5399, 0.3842, 0.5332

Inverse Universe

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



41.8244, 0.2789, 0.2571



49.8551, 0.2706, 0.2406



45.5841, 0.3025, 0.2619



13.4021, 0.3018, 0.3050



3.6341, 0.1639, 0.0676



0.2930, 0.1793, 0.0761

Previews

White Background



This preview shows how the Yxy color 69.0473, 0.3412, 0.3961 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 69.0473, 0.3412, 0.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

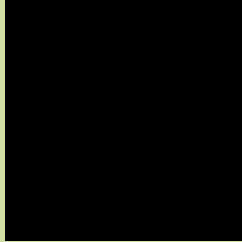
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0473, 0.3412, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 69.0473, 0.3412, 0.3961.

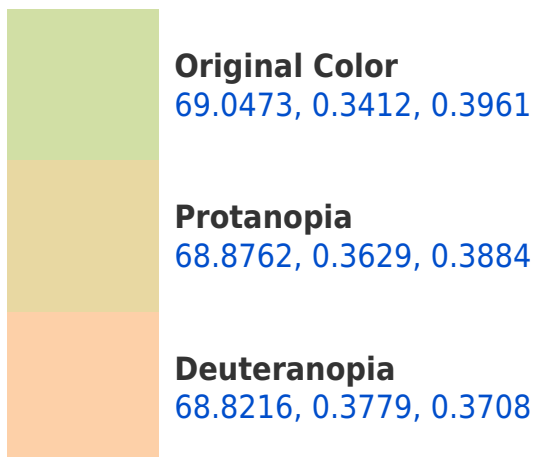


This preview shows how white text looks on a background with the Yxy color 69.0473, 0.3412, 0.3961.

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

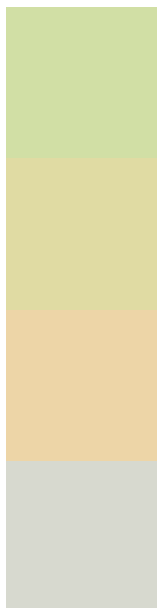




Tritanopia

68.7681, 0.3042, 0.3105

Trichromacy



Original Color

69.0473, 0.3412, 0.3961

Protanomaly

69.1547, 0.3551, 0.3917

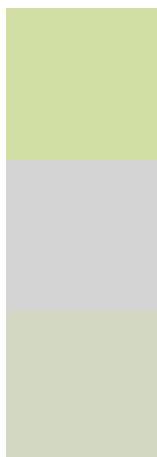
Deuteranomaly

68.3830, 0.3642, 0.3791

Tritanomaly

68.5778, 0.3180, 0.3402

Monochromacy



Original Color

69.0473, 0.3412, 0.3961

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.9007, 0.3234, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0473, 0.3412, 0.3961 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(209, 223, 165)` looks like.

```
.text, #text, p{  
    color:rgb(209, 223, 165)  
}
```

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(209, 223, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 223, 165) }
```

Border

The CSS property to change the border of an element to Yxy 69.0473, 0.3412, 0.3961 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(209, 223, 165) }
```

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

```
.border{ border-color:rgb(209, 223, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 223, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 223, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 223, 165);  
box-shadow:4px 4px 4px 4px rgb(209, 223,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0473, 0.3412, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 223, 165) }
```

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

```
.background{ background-color: rgb(209,  
223, 165) }
```

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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