

Converting Colors

$Yxy(70.1378, 0.3447, 0.3976)$

Have a look what the booklet for
Yxy(70.1378, 0.3447, 0.3976)
contains.

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Color

Yxy(70.1378, 0.3447, 0.3976)

Conversions

Conversions Part 1

Format	Color
Hex	D5E0A4
RGB	213, 224, 164
RGB Percent	84%, 88%, 64%
CMY	0.1646, 0.1216, 0.3568
CMYK	0.05, 0.00, 0.27, 0.12
HSL	71°, 49%, 76%
HSV	71°, 27%, 88%
XYZ	60.8061, 70.1378, 45.4590
YIQ	213.8710, 12.7040, -20.9920

Conversions

Conversions Part 2

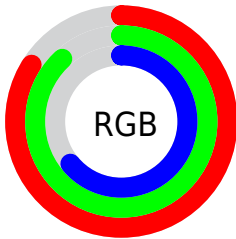
Format	Color
RYB	164, 224, 175
Decimal	14016676
CIELab	87.06, -13.41, 28.22
CIELCh	87, 31.243, 115.424
Yxy	70.1378, 0.3447, 0.3976
Android (android.graphics.Color)	4292206756 (0xFFD5E0A4)
YUV	213.8710, -24.5864, -0.7639
Hunter-Lab	83.7483, -16.9583, 26.4409

Details

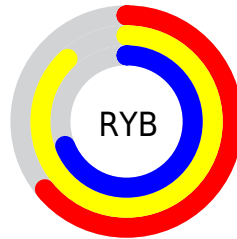
The Yxy color **70.1378, 0.3447, 0.3976** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.0461, 0.2749, 0.2541**, and the grayscale version is **67.3219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **36.8149, 0.3514, 0.4145** is the 20% darker color. If you saturate the color by 10%, you get **68.7973, 0.3561, 0.4240**, and if you desaturate by 10%, it is **71.6425, 0.3327, 0.3712**.

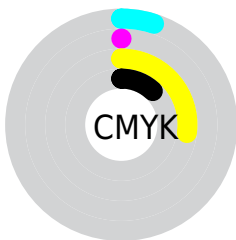
Distribution



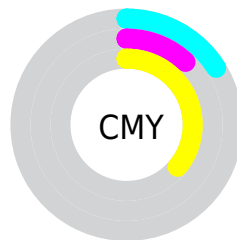
- Red (84%)
- Green (88%)
- Blue (64%)



- Red (64%)
- Yellow (88%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (27%)
- Black (12%)





- Cyan (16%)
- Magenta (12%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1378, 0.3447, 0.3976 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 70.1378, 0.3447, 0.3976 by changing the saturation by 10% instead.


 70.1378, 0.3447,
0.3976


 70.1378, 0.3447,
0.3976


461.0337, 0.3304,
0.3650

 51.6389, 0.3478,
0.4052


 119.4052, 0.3399,
0.3861

 36.7173, 0.3515,
0.4147


 150.9426, 0.3379,
0.3817

 24.9887, 0.3560,
0.4268


187.5948, 0.3363,
0.3779

 16.0686, 0.3615,
0.4427

229.7464, 0.3348,
0.3746

 9.5727, 0.3683,
0.4645

277.7816, 0.3335,
0.3718

 5.1166, 0.3760,
0.4954

332.0850, 0.3324,

 2.3158, 0.4054,

0.3692

0.5737

393.0409, 0.3313,
0.3670

0.7821, 0.3472,
0.6528

0.0000, 0.0000,
0.0000

70.1378, 0.3447,
0.3976

70.1378, 0.3447,
0.3976

68.7973, 0.3561,
0.4240

71.6425, 0.3327,
0.3712

67.6041, 0.3666,
0.4495


73.3090, 0.3207,
0.3456


66.5530, 0.3754,
0.4730


75.1472, 0.3090,
0.3213

65.6348, 0.3822,
0.4934

77.1631, 0.2977,
0.2987

 64.8393, 0.3866,
0.5098


 77.9349, 0.2996,
0.2976


 64.1543, 0.3883,
0.5217

 78.6334, 0.3023,
0.2978

 63.5643, 0.3875,
0.5291

 79.3479, 0.3051,
0.2981

 63.3861, 0.3870,
0.5309

 80.0786, 0.3078,
0.2983

 80.8256, 0.3106,
0.2986

Harmonies

Analogous

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



70.1378, 0.3750, 0.3880



70.1378, 0.3447, 0.3976



70.1378, 0.3070, 0.3862

Triad

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



70.1378, 0.3447, 0.3976



70.1378, 0.2421, 0.2878



70.1378, 0.3529, 0.3030

Complementary

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



70.1378, 0.3447, 0.3976



41.0461, 0.2749, 0.2541

Split Complementary

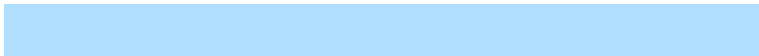
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.1378, 0.3149, 0.2798



70.1378, 0.3447, 0.3976



70.1378, 0.2524, 0.2701

Square

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



70.1378, 0.3447, 0.3976



70.1378, 0.2490, 0.3190



70.1378, 0.2783, 0.2678



70.1378, 0.3806, 0.3329

Rectangle

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



70.1378, 0.3447, 0.3976



70.1378, 0.2828, 0.3677



70.1378, 0.2783, 0.2678



70.1378, 0.3408, 0.2943

Sweetspot

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



70.1409, 0.3447, 0.3976



98.0553, 0.3223, 0.3488



48.8022, 0.3673, 0.3409



20.9132, 0.3241, 0.3527



0.0000, 0.0000, 0.0000



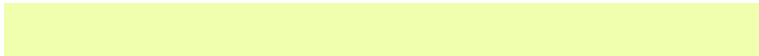
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1409, 0.3447, 0.3976



93.0950, 0.3510, 0.4120



66.1798, 0.3231, 0.4025



15.8964, 0.3239, 0.3524



36.9439, 0.3875, 0.5305



2.5941, 0.3927, 0.5264

Inverse Universe

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



41.0461, 0.2749, 0.2541



47.9906, 0.2656, 0.2365



44.7735, 0.2987, 0.2590



13.3631, 0.3009, 0.3050



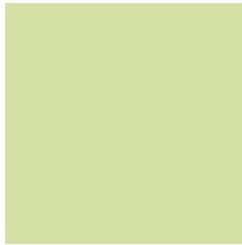
3.4418, 0.1587, 0.0648



0.2742, 0.1724, 0.0723

Previews

White Background



This preview shows how the Yxy color 70.1378, 0.3447, 0.3976 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 70.1378, 0.3447, 0.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

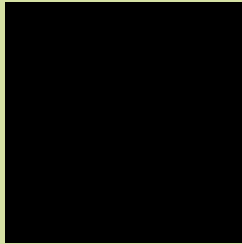
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

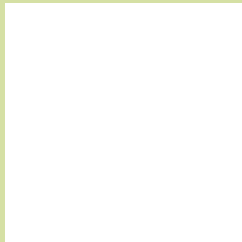
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1378, 0.3447, 0.3976

Background



This preview shows how black text looks on a background with the Yxy color 70.1378, 0.3447, 0.3976.



This preview shows how white text looks on a background with the Yxy color 70.1378, 0.3447, 0.3976.

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

70.1378, 0.3447, 0.3976

Protanopia

70.2084, 0.3646, 0.3912

Deuteranopia

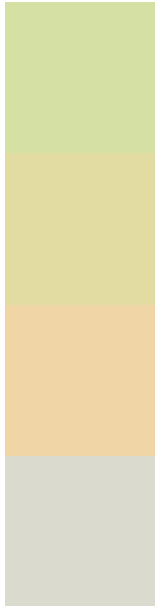
69.6881, 0.3792, 0.3716



Tritanopia

69.9567, 0.3064, 0.3107

Trichromacy



Original Color

70.1378, 0.3447, 0.3976

Protanomaly

69.9638, 0.3571, 0.3935

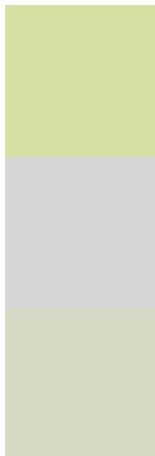
Deuteranomaly

69.4084, 0.3663, 0.3797

Tritanomaly

69.7079, 0.3209, 0.3412

Monochromacy



Original Color

70.1378, 0.3447, 0.3976

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.4245, 0.3247, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1378, 0.3447, 0.3976 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(213, 224, 164)` looks like.

```
.text, #text, p{  
    color:rgb(213, 224, 164)  
}
```

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(213, 224, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 224, 164) }
```

Border

The CSS property to change the border of an element to Yxy 70.1378, 0.3447, 0.3976 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(213, 224, 164) }
```

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

```
.border{ border-color:rgb(213, 224, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 224, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 224, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 224, 164);  
box-shadow:4px 4px 4px 4px rgb(213, 224,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1378, 0.3447, 0.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 224, 164) }
```

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

```
.background{ background-color: rgb(213,  
224, 164) }
```

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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