

Converting Colors

$Yxy(70.4489, 0.3437, 0.4074)$

Have a look what the booklet for
Yxy(70.4489, 0.3437, 0.4074)
contains.

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Color

Yxy(70.3058, 0.3437, 0.4064)

Conversions

Conversions Part 1

Format	Color
Hex	D0E29F
RGB	208, 226, 159
RGB Percent	82%, 89%, 62%
CMY	0.1844, 0.1137, 0.3765
CMYK	0.08, 0.00, 0.30, 0.11
HSL	76°, 54%, 75%
HSV	76°, 30%, 89%
XYZ	59.4589, 70.3058, 43.2318
YIQ	212.9800, 10.7790, -24.6530

Conversions

Conversions Part 2

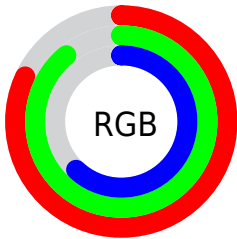
Format	Color
RYB	159, 226, 177
Decimal	13689503
CIELab	87.15, -16.97, 30.84
CIELCh	87, 35.203, 118.825
Yxy	70.3058, 0.3437, 0.4064
Android (android.graphics.Color)	4291879583 (0xFFD0E29F)
YUV	212.9800, -26.6121, -4.3675
Hunter-Lab	83.8486, -20.1566, 28.1244

Details

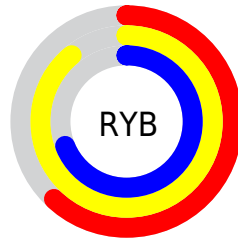
The Yxy color **70.3058, 0.3437, 0.4064** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6362, 0.2746, 0.2459**, and the grayscale version is **66.6991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **36.9597, 0.3499, 0.4260** is the 20% darker color. If you saturate the color by 10%, you get **68.7295, 0.3533, 0.4337**, and if you desaturate by 10%, it is **72.0656, 0.3334, 0.3793**.

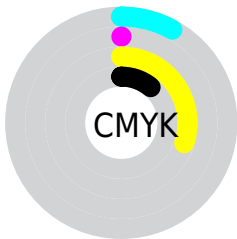
Distribution



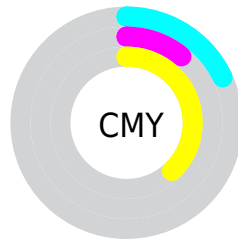
- Red (82%)
- Green (89%)
- Blue (62%)



- Red (62%)
- Yellow (89%)
- Blue (69%)



- Cyan (8%)
- Magenta (0%)
- Yellow (30%)
- Black (11%)





- Cyan (18%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3058, 0.3437, 0.4064 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 70.3058, 0.3437, 0.4064 by changing the saturation by 10% instead.


 70.3058, 0.3437,
0.4064

 70.3058, 0.3437,
0.4064


461.6230, 0.3301,
0.3694

 51.7759, 0.3466,
0.4151


 119.6447, 0.3392,
0.3934

 36.8265, 0.3499,
0.4259


 151.2226, 0.3373,
0.3884

 25.0732, 0.3540,
0.4397


187.9184, 0.3357,
0.3841

 16.1316, 0.3587,
0.4578

230.1168, 0.3343,
0.3804

 9.6173, 0.3641,
0.4825

278.2021, 0.3331,
0.3771

 5.1460, 0.3692,
0.5177


332.5586, 0.3320,

 2.3332, 0.3941,


0.3742


0.6059


393.5708, 0.3310,
0.3717


 0.7912, 0.2991,
0.7009


 0.0000, 0.0000,
0.0000


 70.3058, 0.3437,
0.4064


 70.3058, 0.3437,
0.4064


 68.7295, 0.3533,
0.4337


 72.0656, 0.3334,
0.3793


 67.3193, 0.3618,
0.4601


 74.0072, 0.3228,
0.3530

 66.0692, 0.3685,
0.4845


 76.1408, 0.3124,
0.3282


 64.9693, 0.3731,
0.5057


 78.4732, 0.3022,
0.3051

 64.0083, 0.3752,
0.5226


 79.8669, 0.3028,
0.2999


 63.1730, 0.3746,
0.5348

 80.9406, 0.3069,
0.3003

 62.4411, 0.3720,
0.5427

 82.0503, 0.3110,
0.3007

 62.4169, 0.3719,
0.5429

 82.8810, 0.3140,
0.3009

Harmonies

Analogous

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



70.3058, 0.3795, 0.3973



70.3058, 0.3437, 0.4064



70.3058, 0.3011, 0.3910

Triad

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



70.3058, 0.3437, 0.4064



70.3058, 0.2342, 0.2794



70.3058, 0.3623, 0.3033

Complementary

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



70.3058, 0.3437, 0.4064



39.6362, 0.2746, 0.2459

Split Complementary

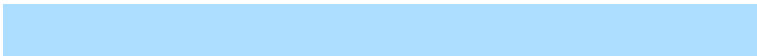
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.3058, 0.3200, 0.2765



70.3058, 0.3437, 0.4064



70.3058, 0.2478, 0.2620

Square

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



70.3058, 0.3437, 0.4064



70.3058, 0.2396, 0.3128



70.3058, 0.2782, 0.2616



70.3058, 0.3916, 0.3369

Rectangle

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



70.3058, 0.3437, 0.4064



70.3058, 0.2748, 0.3685



70.3058, 0.2782, 0.2616



70.3058, 0.3490, 0.2934

Sweetspot

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



70.3089, 0.3437, 0.4064



97.4557, 0.3222, 0.3515



50.0644, 0.3728, 0.3500



20.7757, 0.3237, 0.3552



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.



70.3089, 0.3437, 0.4064



91.0409, 0.3502, 0.4244



65.9749, 0.3193, 0.4127



15.8343, 0.3226, 0.3524



35.6646, 0.3726, 0.5423



2.5153, 0.3801, 0.5364

Inverse Universe

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



39.6362, 0.2746, 0.2459



44.1666, 0.2642, 0.2248



44.0415, 0.3026, 0.2523



13.4209, 0.3022, 0.3051



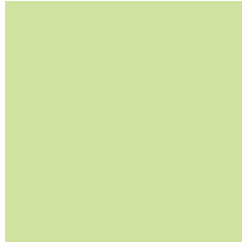
3.7460, 0.1669, 0.0693



0.3031, 0.1829, 0.0781

Previews

White Background



This preview shows how the Yxy color 70.3058, 0.3437, 0.4064 looks on a white background.

Color Contrast Check

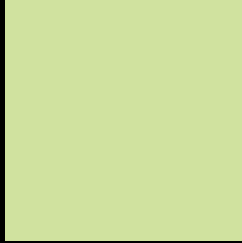
Large Text (above 18pt) WCAG AA × Fail

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 70.3058, 0.3437, 0.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

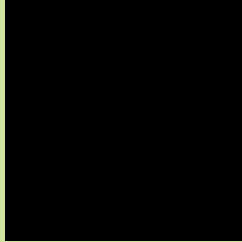
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.3058, 0.3437, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 70.3058, 0.3437, 0.4064.

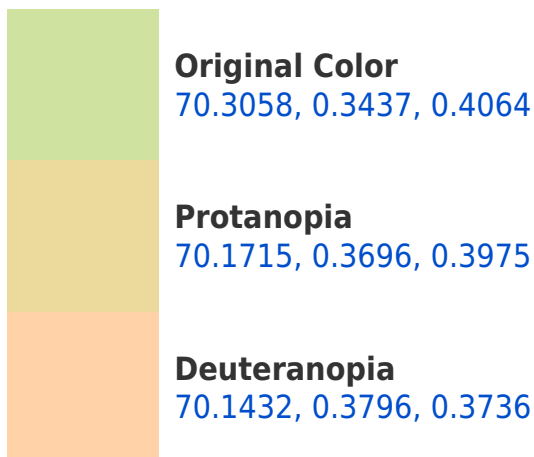


This preview shows how white text looks on a background with the Yxy color 70.3058, 0.3437, 0.4064.

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

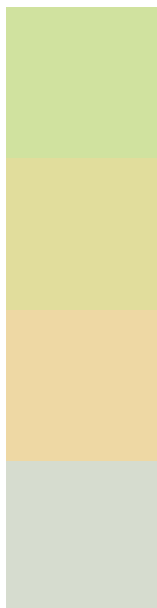




Tritanopia

69.9577, 0.3023, 0.3095

Trichromacy



Original Color

70.3058, 0.3437, 0.4064

Protanomaly

70.1208, 0.3601, 0.4014

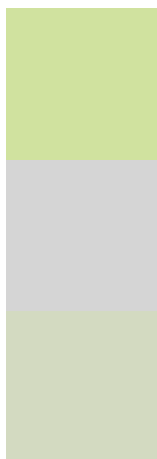
Deuteranomaly

69.9692, 0.3663, 0.3853

Tritanomaly

69.9875, 0.3171, 0.3436

Monochromacy



Original Color

70.3058, 0.3437, 0.4064

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.8419, 0.3245, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3058, 0.3437, 0.4064 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(208, 226, 159)` looks like.

```
.text, #text, p{  
    color:rgb(208, 226, 159)  
}
```

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(208, 226, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 226, 159) }
```

Border

The CSS property to change the border of an element to Yxy 70.3058, 0.3437, 0.4064 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(208, 226, 159) }
```

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

```
.border{ border-color:rgb(208, 226, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 226, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 226, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 226, 159);  
box-shadow:4px 4px 4px 4px rgb(208, 226,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3058, 0.3437, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 226, 159) }
```

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

```
.background{ background-color: rgb(208,  
226, 159) }
```

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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