

Converting Colors

$Yxy(69.4958, 0.3724, 0.4592)$

Have a look what the booklet for
Yxy(69.4958, 0.3724, 0.4592)
contains.

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Color

Yxy(69.4958, 0.3724, 0.4592)

Conversions

Conversions Part 1

Format	Color
Hex	D0E36F
RGB	208, 227, 111
RGB Percent	82%, 89%, 44%
CMY	0.1842, 0.1098, 0.5646
CMYK	0.08, 0.00, 0.51, 0.11
HSL	70°, 67%, 66%
HSV	70°, 51%, 89%
XYZ	56.3594, 69.4958, 25.4858
YIQ	208.0950, 25.9120, -40.1040

Conversions

Conversions Part 2

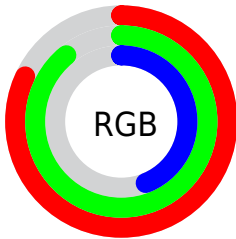
Format	Color
RYB	111, 227, 130
Decimal	13689711
CIELab	86.75, -22.82, 53.90
CIELCh	87, 58.530, 112.950
Yxy	69.4958, 0.3724, 0.4592
Android (android.graphics.Color)	4291879791 (0xFFD0E36F)
YUV	208.0950, -47.8678, -0.0833
Hunter-Lab	83.3641, -25.2100, 40.2289

Details

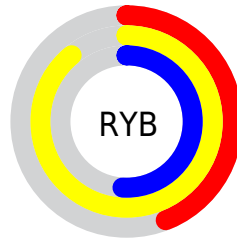
The Yxy color **69.4958, 0.3724, 0.4592** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.6614, 0.2286, 0.1723**, and the grayscale version is **63.4515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4966, 0.3661, 0.4172**, and **36.3898, 0.3811, 0.4904** is the 20% darker color. If you saturate the color by 10%, you get **68.5291, 0.3808, 0.4811**, and if you desaturate by 10%, it is **70.6084, 0.3622, 0.4347**.

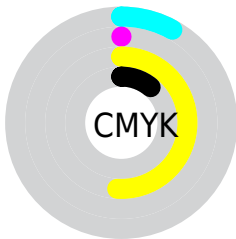
Distribution



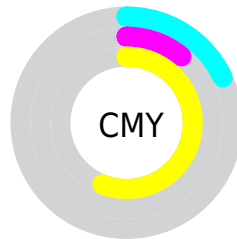
- Red (82%)
- Green (89%)
- Blue (44%)



- Red (44%)
- Yellow (89%)
- Blue (51%)



- Cyan (8%)
- Magenta (0%)
- Yellow (51%)
- Black (11%)





- Cyan (18%)
- Magenta (11%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4958, 0.3724, 0.4592 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 69.4958, 0.3724, 0.4592 by changing the saturation by 10% instead.

 69.4958, 0.3724,
0.4592

 69.4958, 0.3724,
0.4592

458.7777, 0.3477,
0.3977

 51.1156, 0.3769,
0.4730

 118.4894, 0.3647,
0.4379

 36.3006, 0.3818,
0.4898


 149.8717, 0.3614,
0.4296

 24.6665, 0.3866,
0.5103


 186.3567, 0.3585,
0.4224

 15.8287, 0.3907,
0.5356

228.3289, 0.3558,
0.4162

 9.4030, 0.3927,
0.5674

276.1728, 0.3535,
0.4107

 5.0050, 0.3900,
0.6100

330.2726, 0.3514,

 2.2502, 0.3590,

0.4058

0.6410

391.0127, 0.3494,
0.4015

0.7472, 0.1700,
0.8300

0.0000, 0.0000,
0.0000

69.4958, 0.3724,
0.4592

69.4958, 0.3724,
0.4592

68.5291, 0.3808,
0.4811

70.6084, 0.3622,
0.4347

67.6889, 0.3869,
0.4995


71.8664, 0.3508,
0.4088

66.9672, 0.3904,
0.5136

73.2810, 0.3386,
0.3825

66.3502, 0.3913,
0.5231

74.8596, 0.3263,
0.3565


 65.8689, 0.3904,
0.5282

 76.6092, 0.3140,
0.3316

 78.5365, 0.3022,
0.3082

 79.6494, 0.2999,
0.3007

 80.2840, 0.3024,
0.3009

 80.9319, 0.3049,
0.3011

Harmonies

Analogous

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



69.4958, 0.4285, 0.4295



69.4958, 0.3724, 0.4592



69.4958, 0.3037, 0.4465

Triad

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



69.4958, 0.3724, 0.4592



69.4958, 0.1882, 0.2539



69.4958, 0.3819, 0.2776

Complementary

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



69.4958, 0.3724, 0.4592



21.6614, 0.2286, 0.1723

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.



69.4958, 0.3086, 0.2403



69.4958, 0.3724, 0.4592



69.4958, 0.2032, 0.2245

Square

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



69.4958, 0.3724, 0.4592



69.4958, 0.2006, 0.3115



69.4958, 0.2445, 0.2212



69.4958, 0.4382, 0.3267

Rectangle

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



69.4958, 0.3724, 0.4592



69.4958, 0.2602, 0.4105



69.4958, 0.2445, 0.2212



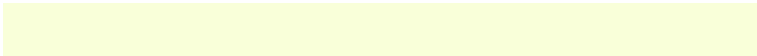
69.4958, 0.3579, 0.2635

Sweetspot

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



69.4989, 0.3724, 0.4592



96.6103, 0.3312, 0.3668



33.0241, 0.4477, 0.3493



20.5853, 0.3338, 0.3723



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.



69.4989, 0.3724, 0.4592



89.1825, 0.3810, 0.4817



62.7211, 0.3304, 0.4795



16.6917, 0.3242, 0.3524



38.4603, 0.3908, 0.5279



2.8740, 0.3952, 0.5244

Inverse Universe

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



21.6614, 0.2286, 0.1723



20.5797, 0.2087, 0.1386



27.4074, 0.2787, 0.1914



13.9997, 0.3005, 0.3049



3.4982, 0.1572, 0.0640



0.2928, 0.1693, 0.0706

Previews

White Background



This preview shows how the Yxy color 69.4958, 0.3724, 0.4592 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 69.4958, 0.3724, 0.4592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

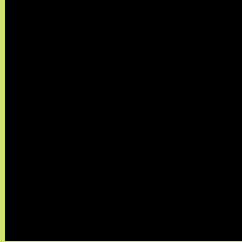
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4958, 0.3724, 0.4592

Background



This preview shows how black text looks on a background with the Yxy color 69.4958, 0.3724, 0.4592.



This preview shows how white text looks on a background with the Yxy color 69.4958, 0.3724, 0.4592.

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

69.4958, 0.3724, 0.4592

Protanopia

69.2337, 0.4044, 0.4413

Deuteranopia

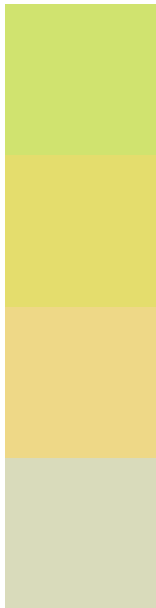
68.9990, 0.3941, 0.3919



Tritanopia

69.3923, 0.3071, 0.3107

Trichromacy



Original Color

69.4958, 0.3724, 0.4592

Protanomaly

69.3110, 0.3921, 0.4484

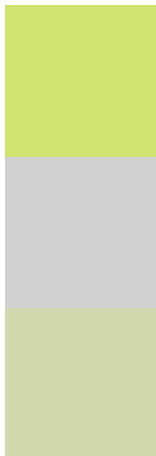
Deuteranomaly

69.0381, 0.3865, 0.4157

Tritanomaly

69.0026, 0.3330, 0.3652

Monochromacy



Original Color

69.4958, 0.3724, 0.4592

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

65.0279, 0.3365, 0.3782

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4958, 0.3724, 0.4592 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, 227, 111)` looks like.

```
.text, #text, p{  
    color:rgb(208, 227, 111)  
}
```

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, 227, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 227, 111) }
```

Border

The CSS property to change the border of an element to Yxy 69.4958, 0.3724, 0.4592 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, 227, 111) }
```

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

```
.border{ border-color:rgb(208, 227, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 227, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 227, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 227, 111);  
box-shadow:4px 4px 4px 4px rgb(208, 227,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4958, 0.3724, 0.4592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 227, 111) }
```

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

```
.background{ background-color: rgb(208,  
227, 111) }
```

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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