

Converting Colors

$Yxy(68.1935, 0.3666, 0.4381)$

Have a look what the booklet for
Yxy(68.1935, 0.3666, 0.4381)
contains.

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Color

Yxy(68.1565, 0.3672, 0.4384)

Conversions

Conversions Part 1

Format	Color
Hex	D3DF7F
RGB	211, 223, 127
RGB Percent	83%, 87%, 50%
CMY	0.1725, 0.1255, 0.5020
CMYK	0.05, 0.00, 0.43, 0.13
HSL	67°, 60%, 69%
HSV	67°, 43%, 87%
XYZ	57.0873, 68.1565, 30.2227
YIQ	208.4680, 23.6640, -32.4000

Conversions

Conversions Part 2

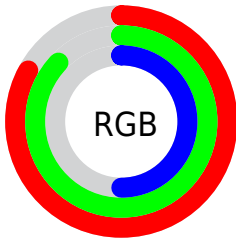
Format	Color
RYB	127, 223, 139
Decimal	13885311
CIELab	86.08, -18.16, 45.54
CIElCh	86, 49.031, 111.736
Yxy	68.1565, 0.3672, 0.4384
Android (android.graphics.Color)	4292075391 (0xFFD3DF7F)
YUV	208.4680, -40.1637, 2.2206
Hunter-Lab	82.5570, -21.0437, 36.0848

Details

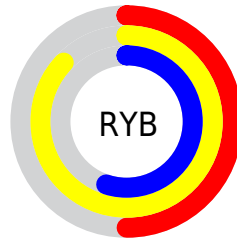
The Yxy color **68.1565, 0.3672, 0.4384** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.9914, 0.2414, 0.1989**, and the grayscale version is **63.6543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1162, 0.3567, 0.4018**, and **35.4818, 0.3775, 0.4653** is the 20% darker color. If you saturate the color by 10%, you get **67.2337, 0.3778, 0.4618**, and if you desaturate by 10%, it is **69.2212, 0.3553, 0.4132**.

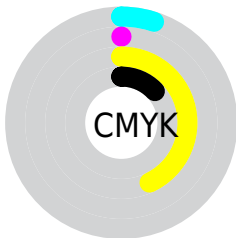
Distribution



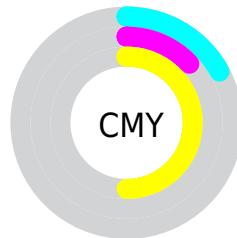
- Red (83%)
- Green (87%)
- Blue (50%)



- Red (50%)
- Yellow (87%)
- Blue (55%)



- Cyan (5%)
- Magenta (0%)
- Yellow (43%)
- Black (13%)





- Cyan (17%)
- Magenta (13%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1565, 0.3672, 0.4384 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 68.1565, 0.3672, 0.4384 by changing the saturation by 10% instead.


 68.1565, 0.3672,
0.4384

 68.1565, 0.3672,
0.4384


454.0503, 0.3436,
0.3864


 50.0251, 0.3719,
0.4503


 116.5760, 0.3595,
0.4203

 35.4333, 0.3772,
0.4649


 147.6329, 0.3564,
0.4132

 23.9969, 0.3832,
0.4830


 183.7670, 0.3536,
0.4072

 15.3313, 0.3895,
0.5060

225.3627, 0.3512,
0.4019

 9.0522, 0.3950,
0.5352

272.8046, 0.3490,
0.3973

 4.7753, 0.4092,
0.5908

326.4768, 0.3470,

 2.1160, 0.3839,

0.3933

0.6161

386.7640, 0.3452,
0.3897

0.6736, 0.2263,
0.7737

0.0000, 0.0000,
0.0000

68.1565, 0.3672,
0.4384

68.1565, 0.3672,
0.4384

67.2337, 0.3778,
0.4618

69.2212, 0.3553,
0.4132

66.4350, 0.3864,
0.4823


70.4264, 0.3425,
0.3873

65.7538, 0.3928,
0.4991

71.7825, 0.3295,
0.3614

65.1790, 0.3965,
0.5114


73.2961, 0.3166,
0.3364


 64.6970, 0.3976,
0.5193


 74.9736, 0.3041,
0.3127

 64.4017, 0.3973,
0.5228

 76.4419, 0.2958,
0.2961

 76.8998, 0.2976,
0.2963

 77.3649, 0.2994,
0.2965

 77.8375, 0.3013,
0.2967

Harmonies

Analogous

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



68.1565, 0.4135, 0.4148



68.1565, 0.3672, 0.4384



68.1565, 0.3087, 0.4275

Triad

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



68.1565, 0.3672, 0.4384



68.1565, 0.2052, 0.2675



68.1565, 0.3690, 0.2836

Complementary

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



68.1565, 0.3672, 0.4384



25.9914, 0.2414, 0.1989

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.



68.1565, 0.3073, 0.2514



68.1565, 0.3672, 0.4384



68.1565, 0.2174, 0.2400

Square

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



68.1565, 0.3672, 0.4384



68.1565, 0.2176, 0.3178



68.1565, 0.2528, 0.2356



68.1565, 0.4170, 0.3265

Rectangle

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



68.1565, 0.3672, 0.4384



68.1565, 0.2710, 0.3988



68.1565, 0.2528, 0.2356



68.1565, 0.3488, 0.2714

Sweetspot

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



68.1596, 0.3672, 0.4384



97.2701, 0.3295, 0.3616



35.4531, 0.4193, 0.3427



20.7285, 0.3324, 0.3673



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.



68.1596, 0.3672, 0.4384



91.1922, 0.3771, 0.4603



62.1779, 0.3312, 0.4527



15.9383, 0.3248, 0.3523



37.9015, 0.3976, 0.5225



2.6518, 0.4012, 0.5197

Inverse Universe

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



25.9914, 0.2414, 0.1989



26.7212, 0.2227, 0.1667



30.9689, 0.2826, 0.2124



13.3248, 0.3000, 0.3049



3.3026, 0.1548, 0.0626



0.2561, 0.1655, 0.0685

Previews

White Background



This preview shows how the Yxy color 68.1565, 0.3672, 0.4384 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 68.1565, 0.3672, 0.4384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

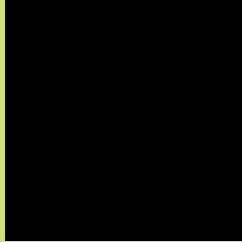
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

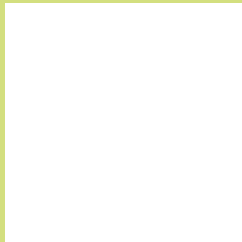
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1565, 0.3672, 0.4384

Background



This preview shows how black text looks on a background with the Yxy color 68.1565, 0.3672, 0.4384.



This preview shows how white text looks on a background with the Yxy color 68.1565, 0.3672, 0.4384.

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

68.1565, 0.3672, 0.4384

Protanopia

67.8890, 0.3925, 0.4262

Deuteranopia

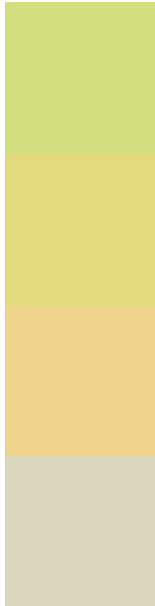
67.9610, 0.3965, 0.3920



Tritanopia

67.8779, 0.3099, 0.3106

Trichromacy



Original Color

68.1565, 0.3672, 0.4384

Protanomaly

67.9544, 0.3832, 0.4308

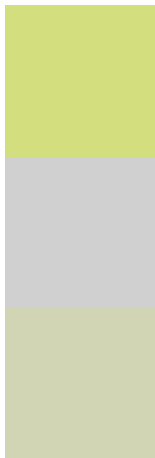
Deuteranomaly

67.8033, 0.3859, 0.4085

Tritanomaly

67.4225, 0.3323, 0.3561

Monochromacy



Original Color

68.1565, 0.3672, 0.4384

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.3985, 0.3334, 0.3688

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1565, 0.3672, 0.4384 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, 223, 127)` looks like.

```
.text, #text, p{  
    color:rgb(211, 223, 127)  
}
```

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, 223, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 223, 127) }
```

Border

The CSS property to change the border of an element to Yxy 68.1565, 0.3672, 0.4384 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, 223, 127) }
```

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

```
.border{ border-color:rgb(211, 223, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 223, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 223, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 223, 127);  
box-shadow:4px 4px 4px 4px rgb(211, 223,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1565, 0.3672, 0.4384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 223, 127) }
```

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

```
.background{ background-color: rgb(211,  
223, 127) }
```

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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