

Converting Colors

$Yxy(68.0235, 0.3766, 0.4395)$

Have a look what the booklet for
Yxy(68.0235, 0.3766, 0.4395)
contains.

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Color

Yxy(68.0235, 0.3766, 0.4395)

Conversions

Conversions Part 1

Format	Color
Hex	DADD7A
RGB	218, 221, 122
RGB Percent	85%, 87%, 48%
CMY	0.1450, 0.1333, 0.5216
CMYK	0.01, 0.00, 0.45, 0.13
HSL	62°, 59%, 67%
HSV	62°, 45%, 87%
XYZ	58.2882, 68.0235, 28.4631
YIQ	208.8170, 29.9910, -31.4250

Conversions

Conversions Part 2

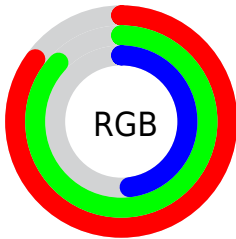
Format	Color
RYB	122, 221, 125
Decimal	14343546
CIELab	86.02, -14.93, 48.01
CIELCh	86, 50.282, 107.278
Yxy	68.0235, 0.3766, 0.4395
Android (android.graphics.Color)	4292533626 (0xFFDADD7A)
YUV	208.8170, -42.8008, 8.0535
Hunter-Lab	82.4764, -18.1831, 37.2721

Details

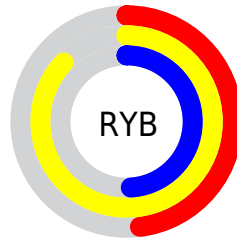
The Yxy color **68.0235, 0.3766, 0.4395** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.4911, 0.2306, 0.1904**, and the grayscale version is **63.9078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9146, 0.3597, 0.4066**, and **35.2917, 0.3885, 0.4657** is the 20% darker color. If you saturate the color by 10%, you get **67.4377, 0.3886, 0.4608**, and if you desaturate by 10%, it is **68.7404, 0.3631, 0.4159**.

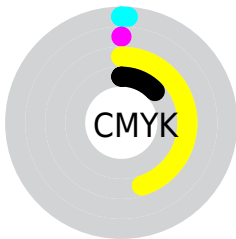
Distribution



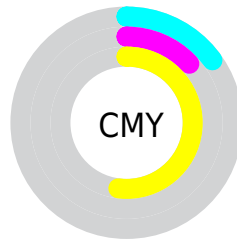
- Red (85%)
- Green (87%)
- Blue (48%)



- Red (48%)
- Yellow (87%)
- Blue (49%)



- Cyan (1%)
- Magenta (0%)
- Yellow (45%)
- Black (13%)





- Cyan (15%)
- Magenta (13%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0235, 0.3766, 0.4395 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 68.0235, 0.3766, 0.4395 by changing the saturation by 10% instead.

 68.0235, 0.3766,
0.4395


 68.0235, 0.3766,
0.4395


453.5793, 0.3488,
0.3875

 49.9169, 0.3822,
0.4512


 116.3858, 0.3675,
0.4215

 35.3473, 0.3886,
0.4654


 147.4102, 0.3638,
0.4145

 23.9306, 0.3958,
0.4829


 183.5093, 0.3605,
0.4084

 15.2821, 0.4036,
0.5045

225.0675, 0.3576,
0.4032

 9.0176, 0.4107,
0.5313

272.4692, 0.3550,
0.3985

 4.7527, 0.4234,
0.5766

326.0988, 0.3527,

 2.1029, 0.4027,

0.3944

0.5973

386.3407, 0.3506,
0.3908

0.6663, 0.2874,
0.7126

0.0000, 0.0000,
0.0000

68.0235, 0.3766,
0.4395

68.0235, 0.3766,
0.4395

67.4377, 0.3886,
0.4608

68.7404, 0.3631,
0.4159

66.9653, 0.3986,
0.4788


69.5870, 0.3488,
0.3910


66.5996, 0.4061,
0.4928


70.5733, 0.3341,
0.3656

66.3295, 0.4111,
0.5024

71.7061, 0.3195,
0.3407

 66.1413, 0.4135,
0.5078

 72.9916, 0.3055,
0.3167

 66.0641, 0.4141,
0.5094

 74.4355, 0.2922,
0.2941

 74.5673, 0.2924,
0.2937

 74.6726, 0.2928,
0.2937

 74.7783, 0.2933,
0.2938

Harmonies

Analogous

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



68.0235, 0.4210, 0.4111



68.0235, 0.3766, 0.4395



68.0235, 0.3175, 0.4346

Triad

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



68.0235, 0.3766, 0.4395



68.0235, 0.2030, 0.2721



68.0235, 0.3613, 0.2768

Complementary

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



68.0235, 0.3766, 0.4395



23.4911, 0.2306, 0.1904

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.



68.0235, 0.2979, 0.2461



68.0235, 0.3766, 0.4395



68.0235, 0.2118, 0.2405

Square

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



68.0235, 0.3766, 0.4395



68.0235, 0.2194, 0.3266



68.0235, 0.2445, 0.2327



68.0235, 0.4142, 0.3193

Rectangle

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



68.0235, 0.3766, 0.4395



68.0235, 0.2780, 0.4087



68.0235, 0.2445, 0.2327



68.0235, 0.3402, 0.2649

Sweetspot

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



68.0266, 0.3766, 0.4395



97.8578, 0.3316, 0.3613



31.0997, 0.4314, 0.3313



20.8753, 0.3349, 0.3670



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.



68.0266, 0.3766, 0.4395



93.2966, 0.3882, 0.4600



61.6449, 0.3390, 0.4551



15.2429, 0.3262, 0.3521



38.3876, 0.4141, 0.5094



2.4933, 0.4150, 0.5087

Inverse Universe

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



23.4911, 0.2306, 0.1904



24.1086, 0.2103, 0.1565



28.0350, 0.2717, 0.2044



12.6357, 0.2985, 0.3048



3.0662, 0.1510, 0.0605



0.2054, 0.1540, 0.0622

Previews

White Background



This preview shows how the Yxy color 68.0235, 0.3766, 0.4395 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 68.0235, 0.3766, 0.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

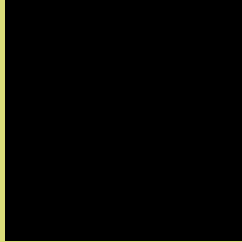
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.0235, 0.3766, 0.4395

Background



This preview shows how black text looks on a background with the Yxy color 68.0235, 0.3766, 0.4395.



This preview shows how white text looks on a background with the Yxy color 68.0235, 0.3766, 0.4395.

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

68.0235, 0.3766, 0.4395

Protanopia

67.7898, 0.3951, 0.4300

Deuteranopia

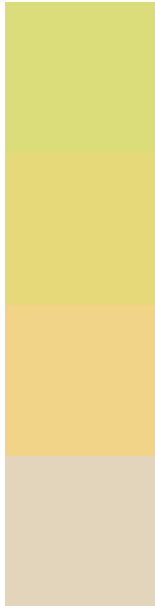
67.8993, 0.3979, 0.3939



Tritanopia

67.9149, 0.3165, 0.3108

Trichromacy



Original Color

68.0235, 0.3766, 0.4395

Protanomaly

67.6642, 0.3878, 0.4332

Deuteranomaly

67.7418, 0.3908, 0.4098

Tritanomaly

67.3881, 0.3402, 0.3569

Monochromacy



Original Color

68.0235, 0.3766, 0.4395

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.7599, 0.3372, 0.3708

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0235, 0.3766, 0.4395 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(218, 221, 122)` looks like.

```
.text, #text, p{  
    color:rgb(218, 221, 122)  
}
```

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(218, 221, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 221, 122) }
```

Border

The CSS property to change the border of an element to Yxy 68.0235, 0.3766, 0.4395 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(218, 221, 122) }
```

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

```
.border{ border-color:rgb(218, 221, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 221, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 221, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 221, 122);  
box-shadow:4px 4px 4px 4px rgb(218, 221,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0235, 0.3766, 0.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 221, 122) }
```

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

```
.background{ background-color: rgb(218,  
221, 122) }
```

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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