

Converting Colors

$Yxy(67.3615, 0.3621, 0.4399)$

Have a look what the booklet for
Yxy(67.3615, 0.3621, 0.4399)
contains.

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Color

Yxy(67.2868, 0.3625, 0.4403)

Conversions

Conversions Part 1

Format	Color
Hex	CDDF7F
RGB	205, 223, 127
RGB Percent	80%, 87%, 50%
CMY	0.1960, 0.1255, 0.5021
CMYK	0.08, 0.00, 0.43, 0.13
HSL	71°, 60%, 69%
HSV	71°, 43%, 87%
XYZ	55.3974, 67.2868, 30.1362
YIQ	206.6740, 20.0880, -33.6720

Conversions

Conversions Part 2

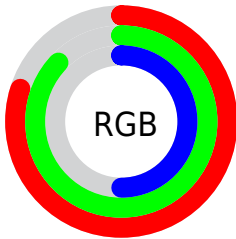
Format	Color
RYB	127, 223, 145
Decimal	13492095
CIELab	85.65, -20.48, 44.92
CIELCh	86, 49.367, 114.513
Yxy	67.2868, 0.3625, 0.4403
Android (android.graphics.Color)	4291682175 (0xFFCDDDF7)
YUV	206.6740, -39.2793, -1.4681
Hunter-Lab	82.0285, -23.0012, 35.6376

Details

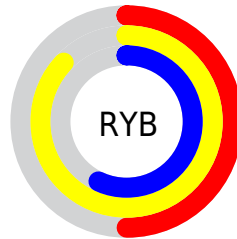
The Yxy color **67.2868, 0.3625, 0.4403** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.5152, 0.2462, 0.2004**, and the grayscale version is **62.4256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1162, 0.3567, 0.4018**, and **34.9028, 0.3713, 0.4685** is the 20% darker color. If you saturate the color by 10%, you get **66.1853, 0.3719, 0.4647**, and if you desaturate by 10%, it is **68.5389, 0.3517, 0.4143**.

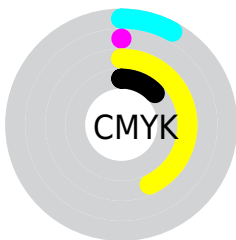
Distribution



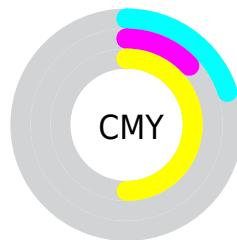
- Red (80%)
- Green (87%)
- Blue (50%)



- Red (50%)
- Yellow (87%)
- Blue (57%)



- Cyan (8%)
- Magenta (0%)
- Yellow (43%)
- Black (13%)





- Cyan (20%)
- Magenta (13%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2868, 0.3625, 0.4403 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 67.2868, 0.3625, 0.4403 by changing the saturation by 10% instead.


 67.2868, 0.3625,
0.4403


 67.2868, 0.3625,
0.4403


450.9650, 0.3412,
0.3870

 49.3177, 0.3667,
0.4526


 115.3313, 0.3556,
0.4216

 34.8716, 0.3714,
0.4678


 146.1755, 0.3527,
0.4144

 23.5640, 0.3766,
0.4868


 182.0802, 0.3502,
0.4082

 15.0105, 0.3818,
0.5110

223.4298, 0.3480,
0.4028

 8.8268, 0.3858,
0.5423

270.6086, 0.3460,
0.3981

 4.6284, 0.3979,
0.6021


324.0012, 0.3442,

 2.0309, 0.3684,

0.3940

0.6316


383.9918, 0.3426,
0.3903


 0.6253, 0.1311,
0.8689


 0.0000, 0.0000,
0.0000


 67.2868, 0.3625,
0.4403


 67.2868, 0.3625,
0.4403


 66.1853, 0.3719,
0.4647


 68.5389, 0.3517,
0.4143


 65.2166, 0.3795,
0.4865


 69.9403, 0.3401,
0.3878


 64.3740, 0.3846,
0.5046

 71.5016, 0.3282,
0.3616

 63.6461, 0.3873,
0.5183


 73.2293, 0.3163,
0.3364


 63.0196, 0.3873,
0.5274


 75.1300, 0.3048,
0.3127

 62.6292, 0.3862,
0.5316

 76.8321, 0.2973,
0.2963

 77.5317, 0.3001,
0.2966

 78.2480, 0.3029,
0.2969

 78.9810, 0.3057,
0.2971

Harmonies

Analogous

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



67.2868, 0.4112, 0.4189



67.2868, 0.3625, 0.4403



67.2868, 0.3031, 0.4256

Triad

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



67.2868, 0.3625, 0.4403



67.2868, 0.2042, 0.2632



67.2868, 0.3750, 0.2868

Complementary

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



67.2868, 0.3625, 0.4403



26.5152, 0.2462, 0.2004

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.



67.2868, 0.3130, 0.2530



67.2868, 0.3625, 0.4403



67.2868, 0.2188, 0.2378

Square

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



67.2868, 0.3625, 0.4403



67.2868, 0.2144, 0.3121



67.2868, 0.2566, 0.2353



67.2868, 0.4213, 0.3307

Rectangle

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



67.2868, 0.3625, 0.4403



67.2868, 0.2656, 0.3946



67.2868, 0.2566, 0.2353



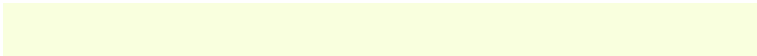
67.2868, 0.3549, 0.2741

Sweetspot

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



67.2898, 0.3625, 0.4403



96.8874, 0.3282, 0.3617



37.3419, 0.4158, 0.3503



20.6331, 0.3309, 0.3674



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.



67.2898, 0.3625, 0.4403



89.7857, 0.3713, 0.4632



61.5147, 0.3266, 0.4546



15.8931, 0.3238, 0.3524



36.8706, 0.3867, 0.5312



2.5896, 0.3920, 0.5269

Inverse Universe

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



26.5152, 0.2462, 0.2004



27.4621, 0.2284, 0.1689



31.7834, 0.2886, 0.2144



13.3662, 0.3010, 0.3050



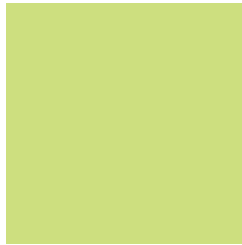
3.4551, 0.1590, 0.0650



0.2757, 0.1729, 0.0726

Previews

White Background



This preview shows how the Yxy color 67.2868, 0.3625, 0.4403 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 67.2868, 0.3625, 0.4403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

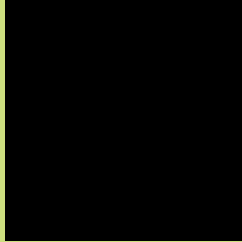
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2868, 0.3625, 0.4403

Background



This preview shows how black text looks on a background with the Yxy color 67.2868, 0.3625, 0.4403.



This preview shows how white text looks on a background with the Yxy color 67.2868, 0.3625, 0.4403.

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

67.2868, 0.3625, 0.4403

Protanopia

67.0408, 0.3914, 0.4259

Deuteranopia

66.8457, 0.4011, 0.3950



Tritanopia

66.9417, 0.3056, 0.3103

Trichromacy



Original Color

67.2868, 0.3625, 0.4403

Protanomaly

66.7944, 0.3805, 0.4311

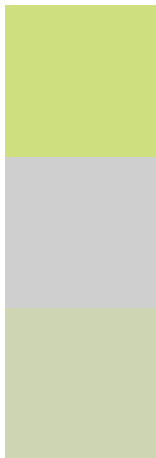
Deuteranomaly

66.8691, 0.3868, 0.4111

Tritanomaly

66.5086, 0.3278, 0.3565

Monochromacy



Original Color

67.2868, 0.3625, 0.4403

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.9247, 0.3318, 0.3703

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2868, 0.3625, 0.4403 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(205, 223, 127)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 223, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 223, 127) }
```

Border

The CSS property to change the border of an element to Yxy 67.2868, 0.3625, 0.4403 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(205, 223, 127) }
```

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

```
.border{ border-color:rgb(205, 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(205, 223, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 223, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 223, 127);  
box-shadow:4px 4px 4px 4px rgb(205, 223,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2868, 0.3625, 0.4403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 223, 127) }
```

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

```
.background{ background-color: rgb(205,  
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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