

Converting Colors

Yxy(66.7112, 0.3538, 0.4343)

Have a look what the booklet for
Yxy(66.7112, 0.3538, 0.4343)
contains.

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Color

Yxy(66.6387, 0.3535, 0.4343)

Conversions

Conversions Part 1

Format	Color
Hex	C7DF86
RGB	199, 223, 134
RGB Percent	78%, 87%, 53%
CMY	0.2197, 0.1255, 0.4745
CMYK	0.11, 0.00, 0.40, 0.13
HSL	76°, 58%, 70%
HSV	76°, 40%, 87%
XYZ	54.2408, 66.6387, 32.5598
YIQ	205.6780, 14.2650, -32.7670

Conversions

Conversions Part 2

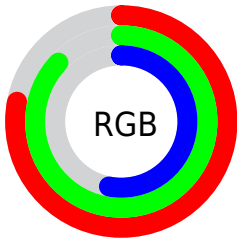
Format	Color
RYB	134, 223, 158
Decimal	13098886
CIELab	85.32, -22.00, 40.95
CIElCh	85, 46.484, 118.246
Yxy	66.6387, 0.3535, 0.4343
Android (android.graphics.Color)	4291288966 (0xFFC7DF86)
YUV	205.6780, -35.3373, -5.8566
Hunter-Lab	81.6325, -24.2525, 33.4945

Details

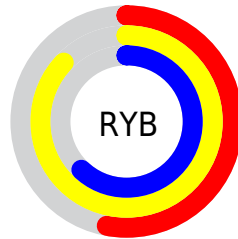
The Yxy color **66.6387, 0.3535, 0.4343** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.6531, 0.2582, 0.2129**, and the grayscale version is **61.7283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **34.5438, 0.3613, 0.4618** is the 20% darker color. If you saturate the color by 10%, you get **65.2763, 0.3619, 0.4607**, and if you desaturate by 10%, it is **68.1708, 0.3439, 0.4070**.

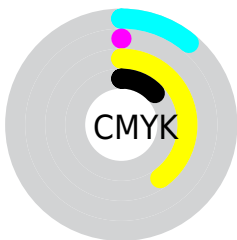
Distribution



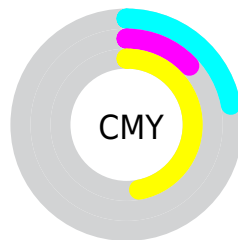
- Red (78%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (40%)
- Black (13%)




- Cyan (22%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6387, 0.3535, 0.4343 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 66.6387, 0.3535, 0.4343 by changing the saturation by 10% instead.


 66.6387, 0.3535,
0.4343


 66.6387, 0.3535,
0.4343


448.6576, 0.3360,
0.3834


 48.7911, 0.3569,
0.4462

 114.4026, 0.3479,
0.4163

 34.4538, 0.3608,
0.4611


 145.0876, 0.3455,
0.4094

 23.2424, 0.3650,
0.4799


 180.8205, 0.3435,
0.4035

 14.7726, 0.3694,
0.5043

221.9857, 0.3416,
0.3984

 8.6600, 0.3726,
0.5368

268.9677, 0.3400,
0.3940

 4.5201, 0.3805,
0.5946


322.1507, 0.3386,

 1.9685, 0.3579,


0.3900

0.6421


381.9192, 0.3372,
0.3865


 0.5891, 0.0374,
0.9626


 0.0000, 0.0000,
0.0000

 66.6387, 0.3535,
0.4343


 66.6387, 0.3535,
0.4343


 65.2763, 0.3619,
0.4607


 68.1708, 0.3439,
0.4070


 64.0661, 0.3686,
0.4850


 69.8717, 0.3336,
0.3799

 63.0013, 0.3731,
0.5061


 71.7517, 0.3231,
0.3536

 62.0710, 0.3751,
0.5230


 73.8177, 0.3126,
0.3288

 61.2622, 0.3745,
0.5351


 76.0763, 0.3025,
0.3057


 60.5528, 0.3718,
0.5429

 77.6805, 0.3007,
0.2966

 60.5466, 0.3718,
0.5430

 78.7232, 0.3047,
0.2970

 79.8010, 0.3088,
0.2974

 80.9142, 0.3129,
0.2978

Harmonies

Analogous

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



66.6387, 0.4015, 0.4183



66.6387, 0.3535, 0.4343



66.6387, 0.2970, 0.4154

Triad

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



66.6387, 0.3535, 0.4343



66.6387, 0.2100, 0.2627



66.6387, 0.3783, 0.2939

Complementary

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



66.6387, 0.3535, 0.4343



29.6531, 0.2582, 0.2129

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.



66.6387, 0.3205, 0.2600



66.6387, 0.3535, 0.4343



66.6387, 0.2268, 0.2409

Square

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



66.6387, 0.3535, 0.4343



66.6387, 0.2169, 0.3066



66.6387, 0.2654, 0.2410



66.6387, 0.4186, 0.3366

Rectangle

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



66.6387, 0.3535, 0.4343



66.6387, 0.2623, 0.3840



66.6387, 0.2654, 0.2410



66.6387, 0.3599, 0.2813

Sweetspot

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



66.6417, 0.3535, 0.4343



96.6503, 0.3254, 0.3593



41.7765, 0.4016, 0.3575



20.6139, 0.3268, 0.3627



0.0000, 0.0000, 0.0000



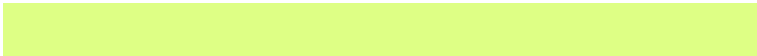
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6417, 0.3535, 0.4343



88.7253, 0.3607, 0.4567



61.4482, 0.3207, 0.4462



15.8338, 0.3226, 0.3524



35.6553, 0.3725, 0.5424



2.5147, 0.3800, 0.5365

Inverse Universe

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



29.6531, 0.2582, 0.2129



31.9542, 0.2436, 0.1852



34.9709, 0.2978, 0.2251



13.4214, 0.3022, 0.3051



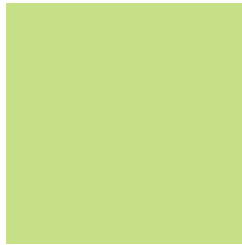
3.7489, 0.1669, 0.0693



0.3033, 0.1830, 0.0782

Previews

White Background



This preview shows how the Yxy color 66.6387, 0.3535, 0.4343 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 66.6387, 0.3535, 0.4343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

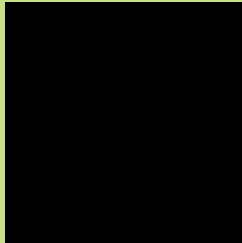
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6387, 0.3535, 0.4343

Background



This preview shows how black text looks on a background with the Yxy color 66.6387, 0.3535, 0.4343.



This preview shows how white text looks on a background with the Yxy color 66.6387, 0.3535, 0.4343.

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

66.6387, 0.3535, 0.4343

Protanopia

66.3560, 0.3863, 0.4195

Deuteranopia

66.3688, 0.4015, 0.3940



Tritanopia

66.5373, 0.3013, 0.3112

Trichromacy



Original Color

66.6387, 0.3535, 0.4343

Protanomaly

66.4800, 0.3742, 0.4258

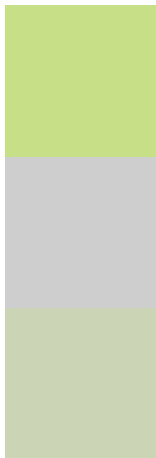
Deuteranomaly

66.0857, 0.3842, 0.4086

Tritanomaly

66.2722, 0.3211, 0.3545

Monochromacy



Original Color

66.6387, 0.3535, 0.4343

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.0788, 0.3282, 0.3670

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6387, 0.3535, 0.4343 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(199, 223, 134)` looks like.

```
.text, #text, p{  
    color:rgb(199, 223, 134)  
}
```

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(199, 223, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 223, 134) }
```

Border

The CSS property to change the border of an element to Yxy 66.6387, 0.3535, 0.4343 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(199, 223, 134) }
```

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

```
.border{ border-color:rgb(199, 223, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 223, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 223, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 223, 134);  
box-shadow:4px 4px 4px 4px rgb(199, 223,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6387, 0.3535, 0.4343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 223, 134) }
```

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

```
.background{ background-color: rgb(199,  
223, 134) }
```

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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