

Converting Colors

Yxy(51.4995, 0.3438, 0.4148)

Have a look what the booklet for
Yxy(51.4995, 0.3438, 0.4148)
contains.

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Color

Yxy(51.4287, 0.3436, 0.4152)

Conversions

Conversions Part 1

Format	Color
Hex	B1C685
RGB	177, 198, 133
RGB Percent	69%, 78%, 52%
CMY	0.3059, 0.2235, 0.4784
CMYK	0.11, 0.00, 0.33, 0.22
HSL	79°, 36%, 65%
HSV	79°, 33%, 78%
XYZ	42.5600, 51.4287, 29.8762
YIQ	184.3110, 8.3490, -24.6670

Conversions

Conversions Part 2

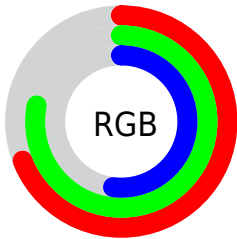
Format	Color
RYB	133, 198, 154
Decimal	11650693
CIELab	76.94, -18.07, 30.28
CIELCh	77, 35.259, 120.833
Yxy	51.4287, 0.3436, 0.4152
Android (android.graphics.Color)	4289840773 (0xFFB1C685)
YUV	184.3110, -25.2963, -6.4117
Hunter-Lab	71.7138, -19.5648, 25.4993

Details

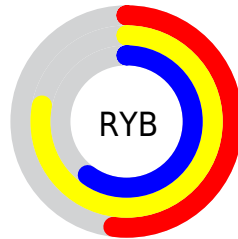
The Yxy color **51.4287, 0.3436, 0.4152** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.7257, 0.2734, 0.2375**, and the grayscale version is **48.2545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4315, 0.3384, 0.3993**, and **24.8561, 0.3504, 0.4389** is the 20% darker color. If you saturate the color by 10%, you get **50.2004, 0.3519, 0.4428**, and if you desaturate by 10%, it is **52.7999, 0.3345, 0.3877**.

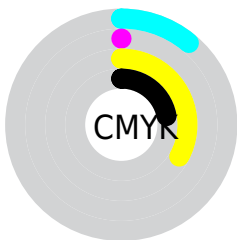
Distribution



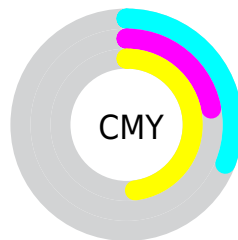
- Red (69%)
- Green (78%)
- Blue (52%)



- Red (52%)
- Yellow (78%)
- Blue (60%)



- Cyan (11%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4287, 0.3436, 0.4152 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 51.4287, 0.3436, 0.4152 by changing the saturation by 10% instead.


 51.4287, 0.3436,
0.4152


 51.4287, 0.3436,
0.4152


392.2271, 0.3295,
0.3716

 36.5499, 0.3466,
0.4261


 92.2881, 0.3388,
0.3993

 24.8592, 0.3502,
0.4401


 119.0376, 0.3369,
0.3934

 15.9722, 0.3544,
0.4585


 150.5127, 0.3353,
0.3883

 9.5045, 0.3590,
0.4838

187.0979, 0.3338,
0.3840

 5.0717, 0.3631,
0.5200

229.1775, 0.3325,
0.3803

 2.2894, 0.3872,
0.6128

277.1360, 0.3314,

 0.7681, 0.2733,

0.3770

0.7267

331.3577, 0.3304,
0.3742

0.0000, 0.0000,
0.0000

51.4287, 0.3436,
0.4152

51.4287, 0.3436,
0.4152

50.2004, 0.3519,
0.4428

52.7999, 0.3345,
0.3877

49.1020, 0.3589,
0.4695

54.3130, 0.3249,
0.3610

48.1288, 0.3641,
0.4939


55.9758, 0.3154,
0.3358

47.2732, 0.3671,
0.5151


57.7934, 0.3060,
0.3124


46.5264, 0.3676,
0.5318


59.7707, 0.2971,
0.2909


 45.8781, 0.3657,
0.5437

 61.9122, 0.2887,
0.2713

 45.4603, 0.3632,
0.5498

 63.1058, 0.2912,
0.2690

 64.1340, 0.2957,
0.2698

 65.2010, 0.3003,
0.2706

Harmonies

Analogous

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



51.4287, 0.3843, 0.4059



51.4287, 0.3436, 0.4152



51.4287, 0.2964, 0.3964

Triad

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



51.4287, 0.3436, 0.4152



51.4287, 0.2266, 0.2719



51.4287, 0.3707, 0.3028

Complementary

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



51.4287, 0.3436, 0.4152



27.7257, 0.2734, 0.2375

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.



51.4287, 0.3239, 0.2729



51.4287, 0.3436, 0.4152



51.4287, 0.2427, 0.2544

Square

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



51.4287, 0.3436, 0.4152



51.4287, 0.2309, 0.3076



51.4287, 0.2771, 0.2554



51.4287, 0.4018, 0.3398

Rectangle

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



51.4287, 0.3436, 0.4152



51.4287, 0.2678, 0.3701



51.4287, 0.2771, 0.2554



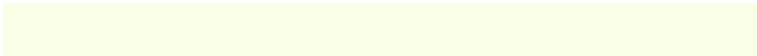
51.4287, 0.3560, 0.2917

Sweetspot

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



51.4310, 0.3436, 0.4152



96.9358, 0.3224, 0.3541



36.6761, 0.3791, 0.3564



20.6608, 0.3237, 0.3578



0.0000, 0.0000, 0.0000



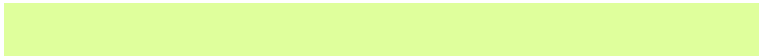
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4310, 0.3436, 0.4152



89.5719, 0.3493, 0.4339



48.0964, 0.3173, 0.4228



12.2386, 0.3216, 0.3522



29.6106, 0.3639, 0.5492



1.4399, 0.3758, 0.5398

Inverse Universe

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



27.7257, 0.2734, 0.2375



41.4974, 0.2632, 0.2162



31.3049, 0.3045, 0.2454



10.4511, 0.3032, 0.3055



3.4011, 0.1740, 0.0732



0.2004, 0.1980, 0.0864

Previews

White Background



This preview shows how the Yxy color 51.4287, 0.3436, 0.4152 looks on a white background.

Color Contrast Check

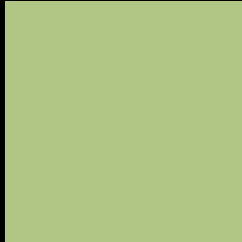
Large Text (above 18pt) WCAG AA × Fail

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 51.4287, 0.3436, 0.4152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

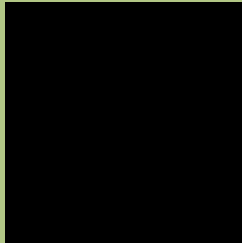
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4287, 0.3436, 0.4152

Background



This preview shows how black text looks on a background with the Yxy color 51.4287, 0.3436, 0.4152.



This preview shows how white text looks on a background with the Yxy color 51.4287, 0.3436, 0.4152.

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

51.4287, 0.3436, 0.4152

Protanopia

51.3910, 0.3741, 0.4043

Deuteranopia

51.2696, 0.3892, 0.3816



Tritanopia

51.3196, 0.2999, 0.3104

Trichromacy



Original Color

51.4287, 0.3436, 0.4152

Protanomaly

51.3537, 0.3631, 0.4089

Deuteranomaly

51.1539, 0.3720, 0.3929

Tritanomaly

50.9809, 0.3159, 0.3470

Monochromacy



Original Color

51.4287, 0.3436, 0.4152

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.9356, 0.3246, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4287, 0.3436, 0.4152 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(177, 198, 133)` looks like.

```
.text, #text, p{  
    color:rgb(177, 198, 133)  
}
```

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(177, 198, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 198, 133) }
```

Border

The CSS property to change the border of an element to Yxy 51.4287, 0.3436, 0.4152 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(177, 198, 133) }
```

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

```
.border{ border-color:rgb(177, 198, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 198, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 198, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 198, 133);  
box-shadow:4px 4px 4px 4px rgb(177, 198,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4287, 0.3436, 0.4152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 198, 133) }
```

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

```
.background{ background-color: rgb(177,  
198, 133) }
```

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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