

Converting Colors

Yxy(53.5354, 0.3525, 0.4119)

Have a look what the booklet for
Yxy(53.5354, 0.3525, 0.4119)
contains.

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Color

Yxy(53.3869, 0.3529, 0.4121)

Conversions

Conversions Part 1

Format	Color
Hex	BDC786
RGB	189, 199, 134
RGB Percent	74%, 78%, 53%
CMY	0.2587, 0.2196, 0.4746
CMYK	0.05, 0.00, 0.33, 0.22
HSL	69°, 37%, 65%
HSV	69°, 33%, 78%
XYZ	45.7176, 53.3869, 30.4439
YIQ	188.6000, 14.9050, -22.3350

Conversions

Conversions Part 2

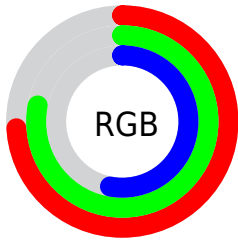
Format	Color
RYB	134, 199, 144
Decimal	12437382
CIELab	78.10, -13.86, 31.47
CIELCh	78, 34.382, 113.768
Yxy	53.3869, 0.3529, 0.4121
Android (android.graphics.Color)	4290627462 (0xFFBDC786)
YUV	188.6000, -26.9178, 0.3508
Hunter-Lab	73.0663, -16.1786, 26.4426

Details

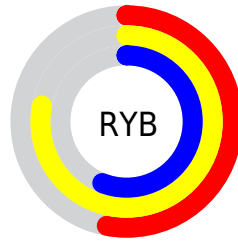
The Yxy color **53.3869, 0.3529, 0.4121** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.0951, 0.2635, 0.2354**, and the grayscale version is **50.8018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7437, 0.3465, 0.3963**, and **26.0262, 0.3627, 0.4354** is the 20% darker color. If you saturate the color by 10%, you get **52.4992, 0.3643, 0.4375**, and if you desaturate by 10%, it is **54.3921, 0.3407, 0.3861**.

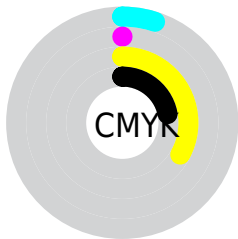
Distribution



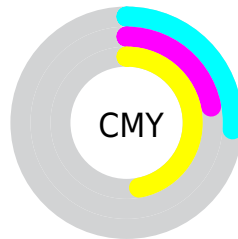
- Red (74%)
- Green (78%)
- Blue (53%)



- Red (53%)
- Yellow (78%)
- Blue (56%)



- Cyan (5%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)




- Cyan (26%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3869, 0.3529, 0.4121 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 53.3869, 0.3529, 0.4121 by changing the saturation by 10% instead.


 53.3869, 0.3529,
0.4121


 53.3869, 0.3529,
0.4121

399.7677, 0.3342,
0.3707

 38.1117, 0.3570,
0.4222


 95.1734, 0.3465,
0.3972

 26.0694, 0.3620,
0.4351

 122.4536, 0.3440,
0.3915

 16.8756, 0.3681,
0.4519


 154.5042, 0.3418,
0.3867

 10.1458, 0.3752,
0.4744

191.7096, 0.3399,
0.3826

 5.4957, 0.3832,
0.5059

234.4543, 0.3382,
0.3790

 2.5410, 0.4139,
0.5861

283.1226, 0.3367,

 0.8971, 0.3644,

0.3759

0.6356

338.0990, 0.3354,
0.3732

0.0000, 0.0000,
0.0000

53.3869, 0.3529,
0.4121

53.3869, 0.3529,
0.4121

52.4992, 0.3643,
0.4375

54.3921, 0.3407,
0.3861

51.7158, 0.3744,
0.4614

55.5130, 0.3283,
0.3603

51.0327, 0.3827,
0.4826


56.7572, 0.3159,
0.3354

50.4426, 0.3886,
0.5002

58.1294, 0.3040,
0.3119


49.9371, 0.3921,
0.5135

59.6342, 0.2927,
0.2900


 49.5063, 0.3929,
0.5223

 61.2758, 0.2821,
0.2699

 49.2244, 0.3924,
0.5266

 61.8239, 0.2832,
0.2687

 62.2771, 0.2853,
0.2691

 62.7388, 0.2874,
0.2694

Harmonies

Analogous

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



53.3869, 0.3888, 0.3980



53.3869, 0.3529, 0.4121



53.3869, 0.3077, 0.4004

Triad

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



53.3869, 0.3529, 0.4121



53.3869, 0.2287, 0.2807



53.3869, 0.3587, 0.2961

Complementary

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



53.3869, 0.3529, 0.4121



27.0951, 0.2635, 0.2354

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.



53.3869, 0.3124, 0.2695



53.3869, 0.3529, 0.4121



53.3869, 0.2397, 0.2593

Square

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



53.3869, 0.3529, 0.4121



53.3869, 0.2377, 0.3186



53.3869, 0.2692, 0.2561



53.3869, 0.3935, 0.3309

Rectangle

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



53.3869, 0.3529, 0.4121



53.3869, 0.2787, 0.3783



53.3869, 0.2692, 0.2561



53.3869, 0.3438, 0.2860

Sweetspot

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



53.3893, 0.3529, 0.4121



97.7312, 0.3251, 0.3539



33.7300, 0.3833, 0.3421



20.8541, 0.3269, 0.3575



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.



53.3893, 0.3529, 0.4121



92.3874, 0.3609, 0.4298



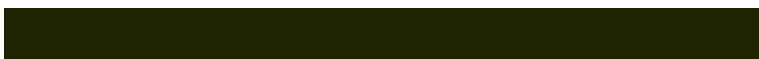
49.7085, 0.3258, 0.4198



12.3315, 0.3242, 0.3520



31.6842, 0.3928, 0.5263



1.5231, 0.3986, 0.5217

Inverse Universe

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



27.0951, 0.2635, 0.2354



39.4812, 0.2508, 0.2124



30.4285, 0.2939, 0.2431



10.3642, 0.3006, 0.3053



2.8584, 0.1569, 0.0638



0.1609, 0.1739, 0.0731

Previews

White Background



This preview shows how the Yxy color 53.3869, 0.3529, 0.4121 looks on a white background.

Color Contrast Check

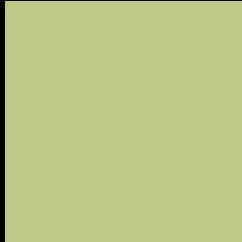
Large Text (above 18pt) WCAG AA × Fail

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 53.3869, 0.3529, 0.4121 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 53.3869, 0.3529, 0.4121

Background



This preview shows how black text looks on a background with the Yxy color 53.3869, 0.3529, 0.4121.



This preview shows how white text looks on a background with the Yxy color 53.3869, 0.3529, 0.4121.

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

53.3869, 0.3529, 0.4121

Protanopia

53.3339, 0.3748, 0.4042

Deuteranopia

53.1621, 0.3914, 0.3841



Tritanopia

53.2405, 0.3079, 0.3110

Trichromacy



Original Color

53.3869, 0.3529, 0.4121

Protanomaly

53.2527, 0.3671, 0.4069

Deuteranomaly

52.9006, 0.3766, 0.3938

Tritanomaly

52.9967, 0.3250, 0.3465

Monochromacy



Original Color

53.3869, 0.3529, 0.4121

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.8233, 0.3277, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3869, 0.3529, 0.4121 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(189, 199, 134)` looks like.

```
.text, #text, p{  
    color:rgb(189, 199, 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(189, 199, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 199, 134) }
```

Border

The CSS property to change the border of an element to Yxy 53.3869, 0.3529, 0.4121 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(189, 199, 134) }
```

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

```
.border{ border-color:rgb(189, 199, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 199, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 199, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 199, 134);  
box-shadow:4px 4px 4px 4px rgb(189, 199,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3869, 0.3529, 0.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 199, 134) }
```

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

```
.background{ background-color: rgb(189,  
199, 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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