

Converting Colors

Yxy(55.3731, 0.3546, 0.4064)

Have a look what the booklet for
Yxy(55.3731, 0.3546, 0.4064)
contains.

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Color

Yxy(55.3731, 0.3546, 0.4064)

Conversions

Conversions Part 1

Format	Color
Hex	C4C98B
RGB	196, 201, 139
RGB Percent	77%, 79%, 55%
CMY	0.2313, 0.2118, 0.4549
CMYK	0.02, 0.00, 0.31, 0.21
HSL	65°, 36%, 67%
HSV	65°, 31%, 79%
XYZ	48.3152, 55.3731, 32.5644
YIQ	192.4370, 16.9220, -20.3420

Conversions

Conversions Part 2

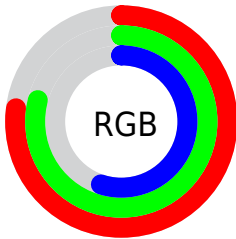
Format	Color
R_{YB}	139, 201, 144
Decimal	12896651
CIE _{Lab}	79.26, -11.54, 30.48
CIE _{LCh}	79, 32.597, 110.739
Yxy	55.3731, 0.3546, 0.4064
Android (android.graphics.Color)	4291086731 (0xFFC4C98B)
YUV	192.4370, -26.3444, 3.1248
Hunter-Lab	74.4131, -14.3258, 26.1429

Details

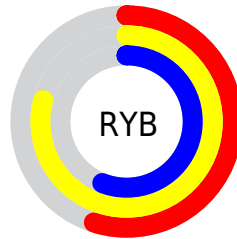
The Yxy color $55.3731, 0.3546, 0.4064$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $28.6072, 0.2628, 0.2404$, and the grayscale version is $53.1333, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2529, 0.3482, 0.3902$, and $27.2347, 0.3640, 0.4277$ is the 20% darker color. If you saturate the color by 10%, you get $54.6257, 0.3675, 0.4312$, and if you desaturate by 10%, it is $56.2358, 0.3410, 0.3809$.

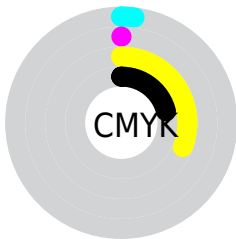
Distribution



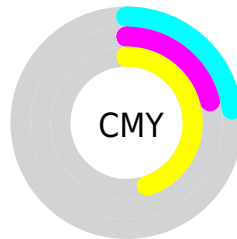
- Red (77%)
- Green (79%)
- Blue (55%)



- Red (55%)
- Yellow (79%)
- Blue (56%)



- Cyan (2%)
- Magenta (0%)
- Yellow (31%)
- Black (21%)





- Cyan (23%)
- Magenta (21%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3731, 0.3546, 0.4064 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 55.3731, 0.3546, 0.4064 by changing the saturation by 10% instead.


 55.3731, 0.3546,
0.4064

 55.3731, 0.3546,
0.4064


407.3247, 0.3350,
0.3682


 39.7005, 0.3590,
0.4157

 98.0874, 0.3478,
0.3927

 27.3051, 0.3643,
0.4273


 125.8979, 0.3452,
0.3875

 17.8025, 0.3709,
0.4425


 158.5231, 0.3429,
0.3831

 10.8083, 0.3789,
0.4627

196.3476, 0.3409,
0.3793

 5.9381, 0.3884,
0.4907

239.7555, 0.3392,
0.3760

 2.8075, 0.4126,
0.5502

289.1314, 0.3376,

 1.0321, 0.4014,

0.3731

0.5986

344.8597, 0.3363,
0.3705

0.0000, 0.0000,
0.0000

55.3731, 0.3546,
0.4064

55.3731, 0.3546,
0.4064

54.6257, 0.3675,
0.4312

56.2358, 0.3410,
0.3809

53.9803, 0.3792,
0.4542

57.2118, 0.3273,
0.3556

53.4327, 0.3892,
0.4746


58.3088, 0.3138,
0.3310


52.9759, 0.3969,
0.4913


59.5316, 0.3009,
0.3077

52.6014, 0.4021,
0.5039

60.8846, 0.2887,
0.2860

 52.2994, 0.4047,
0.5121

 62.0728, 0.2801,
0.2704

 52.0700, 0.4053,
0.5164

 62.3045, 0.2812,
0.2706

 62.5387, 0.2823,
0.2707

 62.7752, 0.2834,
0.2709

Harmonies

Analogous

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



55.3731, 0.3867, 0.3916



55.3731, 0.3546, 0.4064



55.3731, 0.3126, 0.3978

Triad

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



55.3731, 0.3546, 0.4064



55.3731, 0.2336, 0.2868



55.3731, 0.3517, 0.2951

Complementary

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



55.3731, 0.3546, 0.4064



28.6072, 0.2628, 0.2404

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.



55.3731, 0.3081, 0.2710



55.3731, 0.3546, 0.4064



55.3731, 0.2421, 0.2648

Square

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



55.3731, 0.3546, 0.4064



55.3731, 0.2441, 0.3237



55.3731, 0.2685, 0.2599



55.3731, 0.3859, 0.3275

Rectangle

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



55.3731, 0.3546, 0.4064



55.3731, 0.2849, 0.3786



55.3731, 0.2685, 0.2599



55.3731, 0.3375, 0.2859

Sweetspot

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



55.3756, 0.3546, 0.4064



98.2612, 0.3250, 0.3513



33.9645, 0.3802, 0.3346



20.9753, 0.3270, 0.3550



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.



55.3756, 0.3546, 0.4064



93.9321, 0.3633, 0.4230



51.7292, 0.3294, 0.4131



12.3720, 0.3253, 0.3519



32.7585, 0.4055, 0.5163



1.5643, 0.4085, 0.5138

Inverse Universe

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



28.6072, 0.2628, 0.2404



40.9373, 0.2498, 0.2179



31.6940, 0.2903, 0.2469



10.3275, 0.2995, 0.3052



2.7379, 0.1529, 0.0616



0.1440, 0.1628, 0.0671

Previews

White Background



This preview shows how the Yxy color 55.3731, 0.3546, 0.4064 looks on a white background.

Color Contrast Check

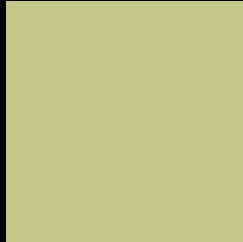
Large Text (above 18pt) WCAG AA × Fail

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 55.3731, 0.3546, 0.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

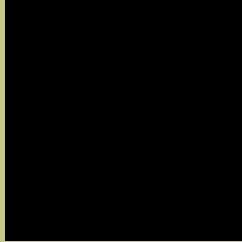
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3731, 0.3546, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 55.3731, 0.3546, 0.4064.



This preview shows how white text looks on a background with the Yxy color 55.3731, 0.3546, 0.4064.

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

55.3731, 0.3546, 0.4064

Protanopia

55.2830, 0.3717, 0.3997

Deuteranopia

55.2431, 0.3895, 0.3810



Tritanopia

55.1834, 0.3119, 0.3113

Trichromacy



Original Color

55.3731, 0.3546, 0.4064

Protanomaly

55.3450, 0.3649, 0.4020

Deuteranomaly

55.2787, 0.3767, 0.3900

Tritanomaly

54.9642, 0.3282, 0.3448

Monochromacy



Original Color

55.3731, 0.3546, 0.4064

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.3848, 0.3277, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3731, 0.3546, 0.4064 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(196, 201, 139)` looks like.

```
.text, #text, p{  
    color:rgb(196, 201, 139)  
}
```

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(196, 201, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 201, 139) }
```

Border

The CSS property to change the border of an element to Yxy 55.3731, 0.3546, 0.4064 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(196, 201, 139) }
```

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

```
.border{ border-color:rgb(196, 201, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 201, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 201, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 201, 139);  
box-shadow:4px 4px 4px 4px rgb(196, 201,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3731, 0.3546, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 201, 139) }
```

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

```
.background{ background-color: rgb(196,  
201, 139) }
```

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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