

Converting Colors

Yxy(52.1832, 0.3441, 0.4047)

Have a look what the booklet for
Yxy(52.1832, 0.3441, 0.4047)
contains.

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Color

Yxy(52.3489, 0.3436, 0.4046)

Conversions

Conversions Part 1	
Format	Color
Hex	B7C68C
RGB	183, 198, 140
RGB Percent	72%, 78%, 55%
CMY	0.2824, 0.2235, 0.4509
CMYK	0.08, 0.00, 0.29, 0.22
HSL	76°, 34%, 66%
HSV	76°, 29%, 78%
XYZ	44.4565, 52.3489, 32.5790
YIQ	186.9030, 9.6780, -21.2180

Conversions

Conversions Part 2

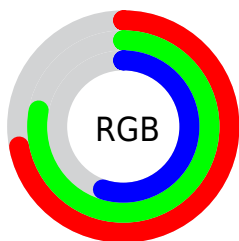
Format	Color
RYB	140, 198, 155
Decimal	12043916
CIELab	77.49, -14.85, 27.42
CIELCh	77, 31.181, 118.436
Yxy	52.3489, 0.3436, 0.4046
Android (android.graphics.Color)	4290233996 (0xFFB7C68C)
YUV	186.9030, -23.1232, -3.4229
Hunter-Lab	72.3525, -16.9390, 23.9496

Details

The Yxy color **52.3489, 0.3436, 0.4046** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.8106, 0.2750, 0.2477**, and the grayscale version is **49.7668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7658, 0.3383, 0.3911**, and **25.3349, 0.3506, 0.4265** is the 20% darker color. If you saturate the color by 10%, you get **51.2015, 0.3534, 0.4316**, and if you desaturate by 10%, it is **53.6289, 0.3332, 0.3778**.

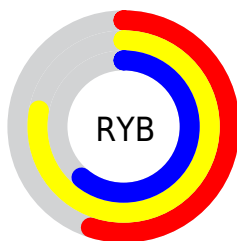
Distribution



Red (72%)

Green (78%)

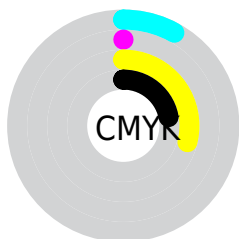
Blue (55%)



Red (55%)

Yellow (78%)

Blue (61%)

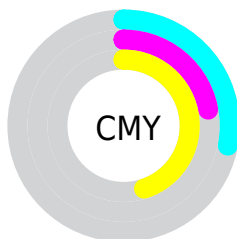


Cyan (8%)

Magenta (0%)

Yellow (29%)

Black (22%)



Cyan (28%)


Magenta (22%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3489, 0.3436, 0.4046 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 52.3489, 0.3436, 0.4046 by changing the saturation by 10% instead.


 52.3489, 0.3436,
0.4046

 52.3489, 0.3436,
0.4046

395.7821, 0.3292,
0.3666


 37.2833, 0.3468,
0.4140


 93.6456, 0.3386,
0.3908

 25.4269, 0.3507,
0.4261


 120.6454, 0.3367,
0.3856

 16.3954, 0.3554,
0.4420


 152.3921, 0.3350,
0.3812

 9.8044, 0.3610,
0.4638

189.2700, 0.3336,
0.3775

 5.2694, 0.3674,
0.4951

231.6636, 0.3323,
0.3742

 2.4062, 0.3887,
0.5663

279.9572, 0.3311,


 0.8291, 0.3392,


0.3714


0.6608


334.5352, 0.3301,
0.3689


 0.0000, 0.0000,
0.0000


 52.3489, 0.3436,
0.4046


 52.3489, 0.3436,
0.4046


 51.2015, 0.3534,
0.4316


 53.6289, 0.3332,
0.3778

 50.1739, 0.3621,
0.4577


 55.0401, 0.3225,
0.3518

 49.2620, 0.3691,
0.4819


 56.5898, 0.3120,
0.3273


 48.4588, 0.3740,
0.5030

 58.2828, 0.3018,
0.3045


 47.7561, 0.3765,
0.5201


 60.1238, 0.2921,
0.2835

 47.1445, 0.3764,
0.5325


 61.8684, 0.2855,
0.2680

 46.6077, 0.3742,
0.5407

 62.6505, 0.2891,
0.2686

 46.5707, 0.3740,
0.5412

 63.4571, 0.2927,
0.2693

 64.2884, 0.2964,
0.2699

Harmonies

Analogous

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



52.3489, 0.3784, 0.3956



52.3489, 0.3436, 0.4046



52.3489, 0.3020, 0.3899

Triad

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



52.3489, 0.3436, 0.4046



52.3489, 0.2358, 0.2809



52.3489, 0.3607, 0.3035

Complementary

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



52.3489, 0.3436, 0.4046



29.8106, 0.2750, 0.2477

Split Complementary

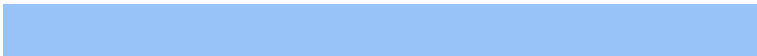
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.3489, 0.3193, 0.2774



52.3489, 0.3436, 0.4046



52.3489, 0.2489, 0.2635

Square

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



52.3489, 0.3436, 0.4046



52.3489, 0.2414, 0.3137



52.3489, 0.2785, 0.2629



52.3489, 0.3895, 0.3364

Rectangle

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



52.3489, 0.3436, 0.4046



52.3489, 0.2761, 0.3680



52.3489, 0.2785, 0.2629



52.3489, 0.3477, 0.2938

Sweetspot

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



52.3512, 0.3436, 0.4046



97.4998, 0.3223, 0.3515



37.1823, 0.3716, 0.3483



20.7866, 0.3239, 0.3552



0.0000, 0.0000, 0.0000



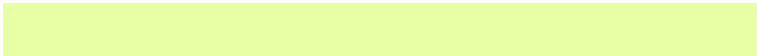
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3512, 0.3436, 0.4046



91.4029, 0.3498, 0.4215



49.2051, 0.3200, 0.4105



12.2735, 0.3226, 0.3521



30.3274, 0.3746, 0.5407



1.4694, 0.3844, 0.5330

Inverse Universe

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



29.8106, 0.2750, 0.2477



45.2014, 0.2651, 0.2279



32.9690, 0.3019, 0.2538



10.4180, 0.3022, 0.3054



3.1489, 0.1662, 0.0689



0.1852, 0.1890, 0.0815

Previews

White Background



This preview shows how the Yxy color 52.3489, 0.3436, 0.4046 looks on a white background.

Color Contrast Check

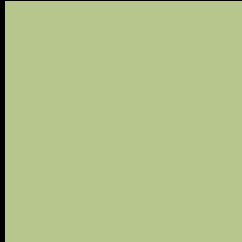
Large Text (above 18pt) WCAG AA × Fail

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 52.3489, 0.3436, 0.4046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

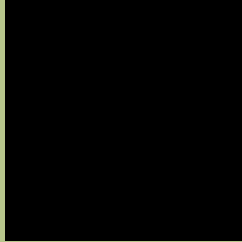
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

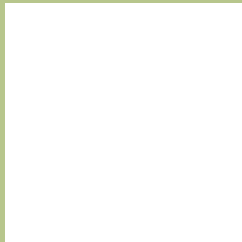
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3489, 0.3436, 0.4046

Background



This preview shows how black text looks on a background with the Yxy color 52.3489, 0.3436, 0.4046.



This preview shows how white text looks on a background with the Yxy color 52.3489, 0.3436, 0.4046.

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

52.3489, 0.3436, 0.4046

Protanopia

52.1896, 0.3683, 0.3955

Deuteranopia

51.8577, 0.3836, 0.3758



Tritanopia

52.4412, 0.3032, 0.3107

Trichromacy



Original Color
52.3489, 0.3436, 0.4046

Protanomaly
52.4243, 0.3593, 0.3994

Deuteranomaly
51.6211, 0.3689, 0.3852

Tritanomaly
52.2949, 0.3185, 0.3442

Monochromacy



Original Color
52.3489, 0.3436, 0.4046

Achromatopsia
49.6933, 0.3127, 0.3290

Achromatomaly
50.6030, 0.3247, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3489, 0.3436, 0.4046 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(183, 198, 140)` looks like.

```
.text, #text, p{  
    color:rgb(183, 198, 140)  
}
```

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(183, 198, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 198, 140) }
```

Border

The CSS property to change the border of an element to Yxy 52.3489, 0.3436, 0.4046 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(183, 198, 140) }
```

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

```
.border{ border-color:rgb(183, 198, 140) }
```

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

Here you see how a box with a 4 pixel rgb(183, 198, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 198, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 198, 140);  
box-shadow:4px 4px 4px 4px rgb(183, 198,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3489, 0.3436, 0.4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 198, 140) }
```

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

```
.background{ background-color: rgb(183,  
198, 140) }
```

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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