

Converting Colors

$Yxy(44.4677, 0.3358, 0.4341)$

Have a look what the booklet for
Yxy(44.4677, 0.3358, 0.4341)
contains.

Yxy(44.3549, 0.3359, 0.4336)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.3549, 0.3359, 0.4336)

Conversions

Conversions Part 1

Format	Color
Hex	98BD75
RGB	152, 189, 117
RGB Percent	60%, 74%, 46%
CMY	0.4038, 0.2588, 0.5412
CMYK	0.20, 0.00, 0.38, 0.26
HSL	91°, 35%, 60%
HSV	91°, 38%, 74%
XYZ	34.3607, 44.3549, 23.5789
YIQ	169.7290, 1.0600, -30.2360

Conversions

Conversions Part 2

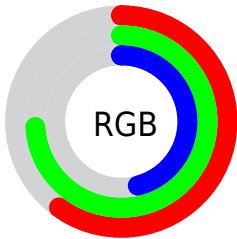
Format	Color
RYB	117, 189, 154
Decimal	10009973
CIELab	72.47, -25.13, 32.42
CIELCh	72, 41.021, 127.775
Yxy	44.3549, 0.3359, 0.4336
Android (android.graphics.Color)	4288200053 (0xFF98BD75)
YUV	169.7290, -25.9954, -15.5483
Hunter-Lab	66.5995, -24.4554, 25.6286

Details

The Yxy color **44.3549, 0.3359, 0.4336** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **23.2635, 0.2796, 0.2253**, and the grayscale version is **40.1909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4725, 0.3325, 0.4127**, and **20.7229, 0.3402, 0.4677** is the 20% darker color. If you saturate the color by 10%, you get **43.0575, 0.3403, 0.4635**, and if you desaturate by 10%, it is **45.8226, 0.3304, 0.4040**.

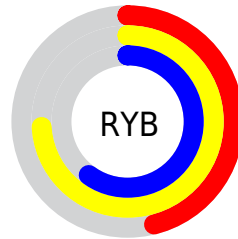
Distribution



Red (60%)

Green (74%)

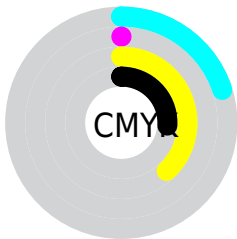
Blue (46%)



Red (46%)

Yellow (74%)

Blue (60%)

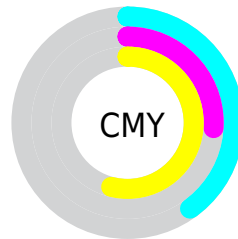


Cyan (20%)

Magenta (0%)

Yellow (38%)

Black (26%)



Cyan (40%)


Magenta (26%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3549, 0.3359, 0.4336 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 44.3549, 0.3359, 0.4336 by changing the saturation by 10% instead.


 44.3549, 0.3359,
0.4336


 44.3549, 0.3359,
0.4336


364.1546, 0.3259,
0.3788

 30.9496, 0.3377,
0.4479


 81.7515, 0.3327,
0.4132

 20.5605, 0.3396,
0.4666


 106.5116, 0.3314,
0.4056

 12.8031, 0.3411,
0.4918


 135.8255, 0.3302,
0.3993

 7.2931, 0.3412,
0.5272

170.0775, 0.3291,
0.3940

 3.6461, 0.3412,
0.5877

209.6520, 0.3282,
0.3894

 1.4776, 0.3209,
0.6791

254.9334, 0.3273,

 0.2729, 0.0000,

0.3854

1.0000

306.3061, 0.3266,
0.3819

■ 0.0000, 0.0000,
0.0000

■ 44.3549, 0.3359,
0.4336

■ 44.3549, 0.3359,
0.4336

■ 43.0575, 0.3403,
0.4635

■ 45.8226, 0.3304,
0.4040

■ 41.9173, 0.3433,
0.4924

■ 47.4614, 0.3243,
0.3756

■ 40.9284, 0.3445,
0.5188


■ 49.2798, 0.3179,
0.3490


■ 40.0818, 0.3436,
0.5413


■ 51.2835, 0.3115,
0.3245


■ 39.3677, 0.3405,
0.5585

■ 53.4783, 0.3052,
0.3023

 38.7713, 0.3356,
0.5704

 55.8696, 0.2991,
0.2823

 38.6671, 0.3347,
0.5725

 58.4626, 0.2934,
0.2645

 60.3828, 0.2967,
0.2605

 62.0304, 0.3039,
0.2620

Harmonies

Analogous

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



44.3549, 0.3888, 0.4275



44.3549, 0.3359, 0.4336



44.3549, 0.2794, 0.4027

Triad

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



44.3549, 0.3359, 0.4336



44.3549, 0.2119, 0.2525



44.3549, 0.3948, 0.3065

Complementary

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



44.3549, 0.3359, 0.4336



23.2635, 0.2796, 0.2253

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.



44.3549, 0.3397, 0.2688



44.3549, 0.3359, 0.4336



44.3549, 0.2361, 0.2378

Square

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



44.3549, 0.3359, 0.4336



44.3549, 0.2111, 0.2900



44.3549, 0.2813, 0.2444



44.3549, 0.4262, 0.3510

Rectangle

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



44.3549, 0.3359, 0.4336



44.3549, 0.2474, 0.3662



44.3549, 0.2813, 0.2444



44.3549, 0.3781, 0.2929

Sweetspot

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



44.3568, 0.3359, 0.4336



87.2234, 0.3199, 0.3570



34.8850, 0.3862, 0.3785



18.6611, 0.3208, 0.3605



95.5105, 0.3127, 0.3290



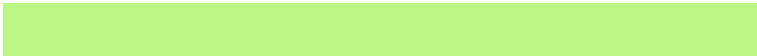
19.5994, 0.3127, 0.3290

Same Dimension

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



44.3568, 0.3359, 0.4336



77.4167, 0.3398, 0.4595



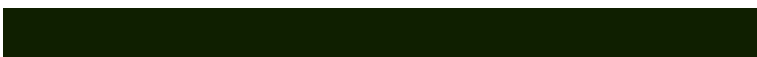
41.4608, 0.3074, 0.4433



10.8712, 0.3188, 0.3522



26.0620, 0.3356, 0.5717



1.0598, 0.3545, 0.5567

Inverse Universe

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



23.2635, 0.2796, 0.2253



34.0844, 0.2697, 0.2000



27.2150, 0.3171, 0.2362



9.4597, 0.3062, 0.3058



4.2296, 0.2061, 0.0909



0.2045, 0.2324, 0.1054

Previews

White Background



This preview shows how the Yxy color 44.3549, 0.3359, 0.4336 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 44.3549, 0.3359, 0.4336 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 44.3549, 0.3359, 0.4336

Background



This preview shows how black text looks on a background with the Yxy color 44.3549, 0.3359, 0.4336.



This preview shows how white text looks on a background with the Yxy color 44.3549, 0.3359, 0.4336.

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

44.3549, 0.3359, 0.4336

Protanopia

43.9516, 0.3824, 0.4136

Deuteranopia

44.1270, 0.3968, 0.3893



Tritanopia

44.3241, 0.2880, 0.3101

Trichromacy



Original Color

44.3549, 0.3359, 0.4336

Protanomaly

43.7276, 0.3646, 0.4204

Deuteranomaly

43.7475, 0.3730, 0.4044

Tritanomaly

43.9911, 0.3057, 0.3529

Monochromacy



Original Color

44.3549, 0.3359, 0.4336

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.4652, 0.3215, 0.3662

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3549, 0.3359, 0.4336 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(152, 189, 117)` looks like.

```
.text, #text, p{  
    color:rgb(152, 189, 117)  
}
```

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(152, 189, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 189, 117) }
```

Border

The CSS property to change the border of an element to Yxy 44.3549, 0.3359, 0.4336 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(152, 189, 117) }
```

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

```
.border{ border-color:rgb(152, 189, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 189, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 189, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 189, 117);  
box-shadow:4px 4px 4px 4px rgb(152, 189,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3549, 0.3359, 0.4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 189, 117) }
```

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

```
.background{ background-color: rgb(152,  
189, 117) }
```

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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