

Converting Colors

$Yxy(43.3827, 0.3400, 0.4105)$

Have a look what the booklet for
Yxy(43.3827, 0.3400, 0.4105)
contains.

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Color

Yxy(43.5739, 0.3403, 0.4117)

Conversions

Conversions Part 1

Format	Color
Hex	A3B87E
RGB	163, 184, 126
RGB Percent	64%, 72%, 49%
CMY	0.3606, 0.2785, 0.5059
CMYK	0.11, 0.00, 0.32, 0.28
HSL	82°, 29%, 61%
HSV	82°, 32%, 72%
XYZ	36.0170, 43.5739, 26.2481
YIQ	171.1090, 6.1020, -22.4900

Conversions

Conversions Part 2

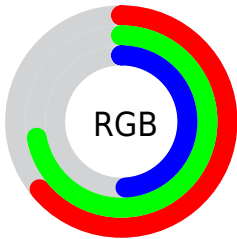
Format	Color
RYB	126, 184, 147
Decimal	10729598
CIELab	71.94, -17.24, 27.15
CIELCh	72, 32.165, 122.418
Yxy	43.5739, 0.3403, 0.4117
Android (android.graphics.Color)	4288919678 (0xFFA3B87E)
YUV	171.1090, -22.2387, -7.1116
Hunter-Lab	66.0105, -18.1244, 22.6316

Details

The Yxy color **43.5739, 0.3403, 0.4117** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **24.5781, 0.2777, 0.2426**, and the grayscale version is **40.8980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4803, 0.3356, 0.3959**, and **20.0694, 0.3461, 0.4382** is the 20% darker color. If you saturate the color by 10%, you get **42.4603, 0.3481, 0.4397**, and if you desaturate by 10%, it is **44.8156, 0.3318, 0.3841**.

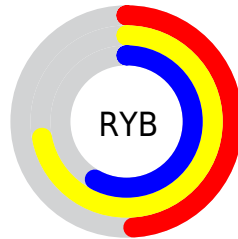
Distribution



Red (64%)

Green (72%)

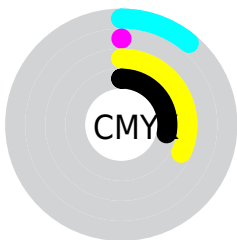
Blue (49%)



Red (49%)

Yellow (72%)

Blue (58%)

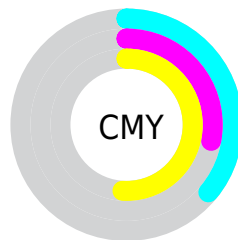


Cyan (11%)

Magenta (0%)

Yellow (32%)

Black (28%)



Cyan (36%)


Magenta (28%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5739, 0.3403, 0.4117 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 43.5739, 0.3403, 0.4117 by changing the saturation by 10% instead.


 43.5739, 0.3403,
0.4117


 43.5739, 0.3403,
0.4117


360.9666, 0.3273,
0.3687


 30.3357, 0.3432,
0.4229


 80.5762, 0.3358,
0.3957

 20.0935, 0.3466,
0.4375


 105.1090, 0.3341,
0.3898

 12.4630, 0.3506,
0.4572


 134.1755, 0.3326,
0.3849

 7.0598, 0.3550,
0.4851

168.1601, 0.3312,
0.3807

 3.4996, 0.3593,
0.5280

207.4470, 0.3301,
0.3770

 1.3978, 0.3742,
0.6258

252.4209, 0.3290,

 0.2151, 0.0000,

0.3739

1.0000

303.4659, 0.3281,
0.3711

0.0000, 0.0000,
0.0000

43.5739, 0.3403,
0.4117

43.5739, 0.3403,
0.4117

42.4603, 0.3481,
0.4397

44.8156, 0.3318,
0.3841

41.4636, 0.3546,
0.4670

46.1846, 0.3229,
0.3576

40.5800, 0.3594,
0.4925


47.6874, 0.3141,
0.3326


39.8030, 0.3622,
0.5149

49.3286, 0.3054,
0.3096

39.1252, 0.3625,
0.5331

51.1121, 0.2971,
0.2885


 38.5382, 0.3604,
0.5464

 53.0422, 0.2892,
0.2694

 38.0977, 0.3573,
0.5545

 55.1224, 0.2819,
0.2522

 56.1292, 0.2866,
0.2531

 57.1632, 0.2915,
0.2541

Harmonies

Analogous

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



43.5739, 0.3802, 0.4043



43.5739, 0.3403, 0.4117



43.5739, 0.2948, 0.3921

Triad

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



43.5739, 0.3403, 0.4117



43.5739, 0.2297, 0.2726



43.5739, 0.3707, 0.3055

Complementary

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



43.5739, 0.3403, 0.4117



24.5781, 0.2777, 0.2426

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.



43.5739, 0.3260, 0.2760



43.5739, 0.3403, 0.4117



43.5739, 0.2464, 0.2565

Square

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



43.5739, 0.3403, 0.4117



43.5739, 0.2330, 0.3063



43.5739, 0.2806, 0.2583



43.5739, 0.3995, 0.3416

Rectangle

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



43.5739, 0.3403, 0.4117



43.5739, 0.2675, 0.3663



43.5739, 0.2806, 0.2583



43.5739, 0.3568, 0.2946

Sweetspot

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



43.5758, 0.3403, 0.4117



84.3527, 0.3208, 0.3515



32.3441, 0.3745, 0.3578



18.1022, 0.3221, 0.3552



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.5758, 0.3403, 0.4117



77.5381, 0.3459, 0.4316



40.9100, 0.3155, 0.4185



10.3368, 0.3210, 0.3520



26.2996, 0.3580, 0.5539



0.9607, 0.3742, 0.5411

Inverse Universe

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



24.5781, 0.2777, 0.2426



37.5322, 0.2677, 0.2206



27.5284, 0.3071, 0.2497



8.8731, 0.3039, 0.3058



3.2311, 0.1797, 0.0764



0.1495, 0.2107, 0.0935

Previews

White Background



This preview shows how the Yxy color 43.5739, 0.3403, 0.4117 looks on a white background.

Color Contrast Check

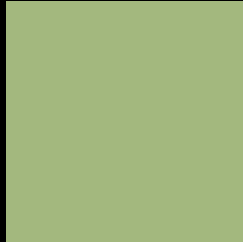
Large Text (above 18pt) WCAG AA × Fail

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 43.5739, 0.3403, 0.4117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

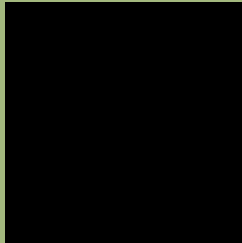
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5739, 0.3403, 0.4117

Background



This preview shows how black text looks on a background with the Yxy color 43.5739, 0.3403, 0.4117.



This preview shows how white text looks on a background with the Yxy color 43.5739, 0.3403, 0.4117.

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

43.5739, 0.3403, 0.4117

Protanopia

43.4279, 0.3709, 0.3993

Deuteranopia

43.3708, 0.3862, 0.3793



Tritanopia

43.5390, 0.2982, 0.3104

Trichromacy



Original Color

43.5739, 0.3403, 0.4117

Protanomaly

43.3987, 0.3593, 0.4041

Deuteranomaly

43.0371, 0.3693, 0.3899

Tritanomaly

43.4652, 0.3137, 0.3455

Monochromacy



Original Color

43.5739, 0.3403, 0.4117

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.7421, 0.3229, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5739, 0.3403, 0.4117 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(163, 184, 126)` looks like.

```
.text, #text, p{  
    color:rgb(163, 184, 126)  
}
```

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(163, 184, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 184, 126) }
```

Border

The CSS property to change the border of an element to Yxy 43.5739, 0.3403, 0.4117 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(163, 184, 126) }
```

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

```
.border{ border-color:rgb(163, 184, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 184, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 184, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 184, 126);  
box-shadow:4px 4px 4px 4px rgb(163, 184,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5739, 0.3403, 0.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 184, 126) }
```

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

```
.background{ background-color: rgb(163,  
184, 126) }
```

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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