

Converting Colors

$Yxy(43.8549, 0.3586, 0.4490)$

Have a look what the booklet for
Yxy(43.8549, 0.3586, 0.4490)
contains.

Yxy(43.8244, 0.3587, 0.4497)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.8244, 0.3587, 0.4497)

Conversions

Conversions Part 1

Format	Color
Hex	A3BA64
RGB	163, 186, 100
RGB Percent	64%, 73%, 39%
CMY	0.3610, 0.2705, 0.6079
CMYK	0.12, 0.00, 0.46, 0.27
HSL	76°, 38%, 56%
HSV	76°, 46%, 73%
XYZ	34.9562, 43.8244, 18.6719
YIQ	169.3190, 13.8980, -31.6220

Conversions

Conversions Part 2

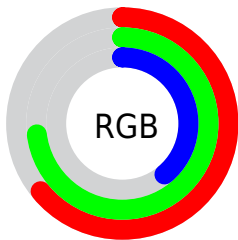
Format	Color
RYB	100, 186, 123
Decimal	10730084
CIELab	72.11, -21.56, 40.80
CIELCh	72, 46.145, 117.849
Yxy	43.8244, 0.3587, 0.4497
Android (android.graphics.Color)	4288920164 (0xFFA3BA64)
YUV	169.3190, -34.1743, -5.5418
Hunter-Lab	66.2000, -21.5949, 29.6171

Details

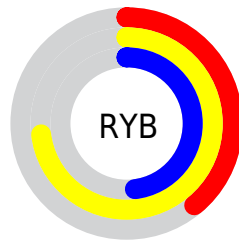
The Yxy color **43.8244, 0.3587, 0.4497** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **16.8751, 0.2481, 0.1938**, and the grayscale version is **40.0069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8313, 0.3521, 0.4271**, and **20.2566, 0.3666, 0.4864** is the 20% darker color. If you saturate the color by 10%, you get **42.9904, 0.3661, 0.4747**, and if you desaturate by 10%, it is **44.7653, 0.3498, 0.4232**.

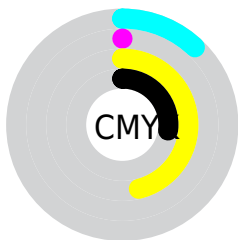
Distribution



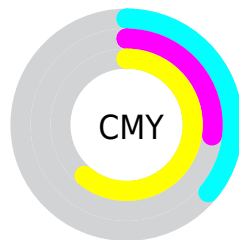
- Red (64%)
- Green (73%)
- Blue (39%)



- Red (39%)
- Yellow (73%)
- Blue (48%)



- Cyan (12%)
- Magenta (0%)
- Yellow (46%)
- Black (27%)





- Cyan (36%)
- Magenta (27%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8244, 0.3587, 0.4497 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 43.8244, 0.3587, 0.4497 by changing the saturation by 10% instead.


 43.8244, 0.3587,
0.4497

 43.8244, 0.3587,
0.4497


361.9912, 0.3379,
0.3872


 30.5325, 0.3628,
0.4655


 80.9534, 0.3519,
0.4267


 20.2431, 0.3673,
0.4857


 105.5594, 0.3491,
0.4181

 12.5719, 0.3716,
0.5122


 134.7054, 0.3466,
0.4109

 7.1344, 0.3744,
0.5474

 168.7759, 0.3444,
0.4048

 3.5463, 0.3840,
0.6160

208.1554, 0.3425,
0.3995

 1.4232, 0.3446,
0.6554

253.2282, 0.3408,

 0.2337, 0.0000,

0.3949

1.0000

304.3787, 0.3393,
0.3908

0.0000, 0.0000,
0.0000

43.8244, 0.3587,
0.4497

43.8244, 0.3587,
0.4497

42.9904, 0.3661,
0.4747

44.7653, 0.3498,
0.4232

42.2515, 0.3716,
0.4971

45.8126, 0.3399,
0.3962

41.6031, 0.3747,
0.5157


46.9732, 0.3296,
0.3696


41.0375, 0.3754,
0.5298


48.2518, 0.3192,
0.3442


40.5448, 0.3736,
0.5393

49.6525, 0.3089,
0.3202

 40.3709, 0.3726,
0.5423

 51.1796, 0.2990,
0.2980

 52.8369, 0.2897,
0.2777

 54.6280, 0.2810,
0.2592

 55.7312, 0.2806,
0.2540

Harmonies

Analogous

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



43.8244, 0.4133, 0.4289



43.8244, 0.3587, 0.4497



43.8244, 0.2948, 0.4296

Triad

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



43.8244, 0.3587, 0.4497



43.8244, 0.1973, 0.2537



43.8244, 0.3866, 0.2884

Complementary

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



43.8244, 0.3587, 0.4497



16.8751, 0.2481, 0.1938

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.



43.8244, 0.3202, 0.2511



43.8244, 0.3587, 0.4497



43.8244, 0.2156, 0.2299

Square

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



43.8244, 0.3587, 0.4497



43.8244, 0.2050, 0.3033



43.8244, 0.2582, 0.2302



43.8244, 0.4333, 0.3357

Rectangle

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



43.8244, 0.3587, 0.4497



43.8244, 0.2557, 0.3932



43.8244, 0.2582, 0.2302



43.8244, 0.3654, 0.2746

Sweetspot

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



43.8264, 0.3587, 0.4497



85.5739, 0.3275, 0.3644



25.5112, 0.4199, 0.3616



18.7383, 0.3298, 0.3700



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.



43.8264, 0.3587, 0.4497



77.9551, 0.3659, 0.4739



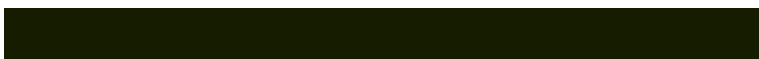
40.0426, 0.3212, 0.4657



10.3790, 0.3224, 0.3519



27.1933, 0.3733, 0.5418



0.9872, 0.3857, 0.5319

Inverse Universe

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



16.8751, 0.2481, 0.1938



23.3614, 0.2311, 0.1628



20.7608, 0.2948, 0.2101



8.8328, 0.3025, 0.3057



2.8711, 0.1675, 0.0697



0.1326, 0.1966, 0.0857

Previews

White Background



This preview shows how the Yxy color 43.8244, 0.3587, 0.4497 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 43.8244, 0.3587, 0.4497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

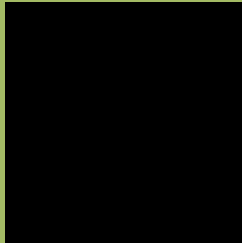
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8244, 0.3587, 0.4497

Background



This preview shows how black text looks on a background with the Yxy color 43.8244, 0.3587, 0.4497.



This preview shows how white text looks on a background with the Yxy color 43.8244, 0.3587, 0.4497.

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

43.8244, 0.3587, 0.4497

Protanopia

43.7767, 0.3952, 0.4311

Deuteranopia

43.3009, 0.4147, 0.4060



Tritanopia

43.7670, 0.2999, 0.3105

Trichromacy



Original Color

43.8244, 0.3587, 0.4497

Protanomaly

43.5916, 0.3820, 0.4376

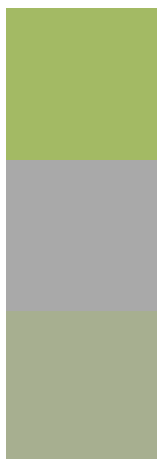
Deuteranomaly

43.2413, 0.3927, 0.4215

Tritanomaly

43.6229, 0.3225, 0.3609

Monochromacy



Original Color

43.8244, 0.3587, 0.4497

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.8891, 0.3313, 0.3732

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8244, 0.3587, 0.4497 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, 186, 100)` looks like.

```
.text, #text, p{  
    color:rgb(163, 186, 100)  
}
```

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, 186, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 186, 100) }
```

Border

The CSS property to change the border of an element to Yxy 43.8244, 0.3587, 0.4497 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, 186, 100) }
```

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

```
.border{ border-color:rgb(163, 186, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 186, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 186, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 186, 100);  
box-shadow:4px 4px 4px 4px rgb(163, 186,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8244, 0.3587, 0.4497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 186, 100) }
```

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

```
.background{ background-color: rgb(163,  
186, 100) }
```

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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