

Converting Colors

Yxy(43.8845, 0.3316, 0.4351)

Have a look what the booklet for
Yxy(43.8845, 0.3316, 0.4351)
contains.

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Color

Yxy(43.8826, 0.3316, 0.4351)

Conversions

Conversions Part 1

Format	Color
Hex	93BD75
RGB	147, 189, 117
RGB Percent	58%, 74%, 46%
CMY	0.4234, 0.2588, 0.5413
CMYK	0.22, 0.00, 0.38, 0.26
HSL	95°, 35%, 60%
HSV	95°, 38%, 74%
XYZ	33.4440, 43.8826, 23.5298
YIQ	168.2340, -1.9200, -31.2960

Conversions

Conversions Part 2

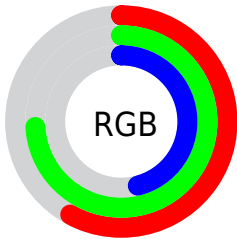
Format	Color
RYB	117, 189, 159
Decimal	9682293
CIELab	72.15, -26.97, 31.96
CIELCh	72, 41.819, 130.152
Yxy	43.8826, 0.3316, 0.4351
Android (android.graphics.Color)	4287872373 (0xFF93BD75)
YUV	168.2340, -25.2584, -18.6222
Hunter-Lab	66.2439, -25.8093, 25.3110

Details

The Yxy color **43.8826, 0.3316, 0.4351** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **23.7571, 0.2848, 0.2268**, and the grayscale version is **39.4087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7637, 0.3291, 0.4136**, and **20.1661, 0.3348, 0.4689** is the 20% darker color. If you saturate the color by 10%, you get **42.5138, 0.3349, 0.4659**, and if you desaturate by 10%, it is **45.4425, 0.3273, 0.4048**.

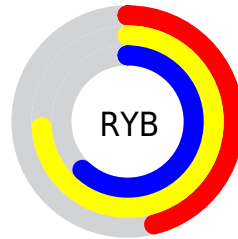
Distribution



Red (58%)

Green (74%)

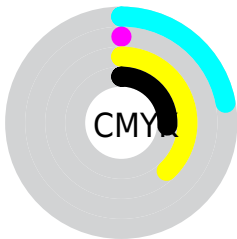
Blue (46%)



Red (46%)

Yellow (74%)

Blue (62%)

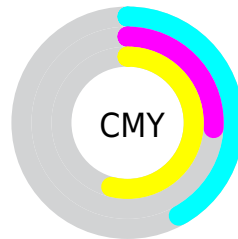


Cyan (22%)

Magenta (0%)

Yellow (38%)

Black (26%)



Cyan (42%)


Magenta (26%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8826, 0.3316, 0.4351 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 43.8826, 0.3316, 0.4351 by changing the saturation by 10% instead.

 43.8826, 0.3316,
0.4351


 43.8826, 0.3316,
0.4351


362.2290, 0.3238,
0.3792


 30.5782, 0.3328,
0.4498


 81.0411, 0.3292,
0.4142

 20.2779, 0.3340,
0.4690

 105.6639, 0.3282,
0.4065

 12.5972, 0.3345,
0.4951


 134.8284, 0.3273,
0.4001

 7.1518, 0.3331,
0.5321


168.9189, 0.3264,
0.3947

 3.5572, 0.3310,
0.5960

208.3198, 0.3257,
0.3900

 1.4291, 0.3026,
0.6974

253.4156, 0.3250,

 0.2380, 0.0000,

0.3859

1.0000

304.5905, 0.3244,
0.3824

0.0000, 0.0000,
0.0000

43.8826, 0.3316,
0.4351

43.8826, 0.3316,
0.4351

42.5138, 0.3349,
0.4659

45.4425, 0.3273,
0.4048

41.3221, 0.3369,
0.4959

47.1953, 0.3223,
0.3759

40.3007, 0.3372,
0.5235

49.1501, 0.3171,
0.3491

39.4397, 0.3356,
0.5470


51.3136, 0.3117,
0.3245


38.7280, 0.3320,
0.5650

53.6922, 0.3064,
0.3024

 38.1497, 0.3270,
0.5773

 56.2921, 0.3013,
0.2827

 38.0512, 0.3260,
0.5794

 59.1190, 0.2965,
0.2651

 61.3006, 0.3008,
0.2613

 63.2352, 0.3090,
0.2630

Harmonies

Analogous

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



43.8826, 0.3866, 0.4313



43.8826, 0.3316, 0.4351



43.8826, 0.2743, 0.4006

Triad

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



43.8826, 0.3316, 0.4351



43.8826, 0.2109, 0.2488



43.8826, 0.4004, 0.3094

Complementary

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



43.8826, 0.3316, 0.4351



23.7571, 0.2848, 0.2268

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.



43.8826, 0.3451, 0.2702



43.8826, 0.3316, 0.4351



43.8826, 0.2374, 0.2358

Square

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



43.8826, 0.3316, 0.4351



43.8826, 0.2082, 0.2851



43.8826, 0.2849, 0.2440



43.8826, 0.4299, 0.3550

Rectangle

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



43.8826, 0.3316, 0.4351



43.8826, 0.2426, 0.3622



43.8826, 0.2849, 0.2440



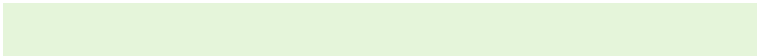
43.8826, 0.3839, 0.2953

Sweetspot

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



43.8845, 0.3316, 0.4351



86.9149, 0.3187, 0.3571



36.4847, 0.3838, 0.3848



18.5875, 0.3194, 0.3606



95.5105, 0.3127, 0.3290



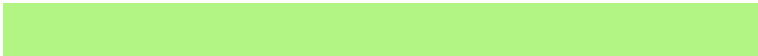
19.5994, 0.3127, 0.3290

Same Dimension

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



43.8845, 0.3316, 0.4351



76.4602, 0.3346, 0.4617



41.5749, 0.3042, 0.4356



10.8389, 0.3177, 0.3523



25.6451, 0.3269, 0.5786



1.0430, 0.3466, 0.5630

Inverse Universe

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



23.7571, 0.2848, 0.2268



35.1153, 0.2764, 0.2023



27.0052, 0.3222, 0.2416



9.4925, 0.3073, 0.3059



4.7541, 0.2205, 0.0988



0.2238, 0.2444, 0.1120

Previews

White Background



This preview shows how the Yxy color 43.8826, 0.3316, 0.4351 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 43.8826, 0.3316, 0.4351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

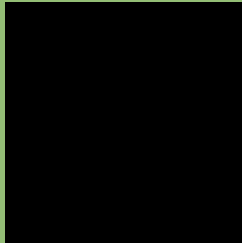
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8826, 0.3316, 0.4351

Background



This preview shows how black text looks on a background with the Yxy color 43.8826, 0.3316, 0.4351.



This preview shows how white text looks on a background with the Yxy color 43.8826, 0.3316, 0.4351.

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

43.8826, 0.3316, 0.4351

Protanopia

43.4270, 0.3820, 0.4128

Deuteranopia

43.6300, 0.3955, 0.3872



Tritanopia

43.9085, 0.2849, 0.3100

Trichromacy



Original Color

43.8826, 0.3316, 0.4351

Protanomaly

43.4928, 0.3627, 0.4210

Deuteranomaly

43.0981, 0.3715, 0.4037

Tritanomaly

43.5887, 0.3024, 0.3531

Monochromacy



Original Color

43.8826, 0.3316, 0.4351

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.6942, 0.3206, 0.3681

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8826, 0.3316, 0.4351 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(147, 189, 117)` looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 189, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 189, 117) }
```

Border

The CSS property to change the border of an element to Yxy 43.8826, 0.3316, 0.4351 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(147, 189, 117) }
```

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

```
.border{ border-color:rgb(147, 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(147, 189, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 189, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 189, 117);  
box-shadow:4px 4px 4px 4px rgb(147, 189,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8826, 0.3316, 0.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 189, 117) }
```

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

```
.background{ background-color: rgb(147,  
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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