

Converting Colors

$Yxy(39.2757, 0.3407, 0.4626)$

Have a look what the booklet for
Yxy(39.2757, 0.3407, 0.4626)
contains.

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Color

Yxy(39.1743, 0.3409, 0.4627)

Conversions

Conversions Part 1

Format	Color
Hex	89B55E
RGB	137, 181, 94
RGB Percent	54%, 71%, 37%
CMY	0.4627, 0.2902, 0.6314
CMYK	0.24, 0.00, 0.48, 0.29
HSL	90°, 37%, 54%
HSV	90°, 48%, 71%
XYZ	28.8622, 39.1743, 16.6281
YIQ	157.9260, 1.7030, -36.3850

Conversions

Conversions Part 2

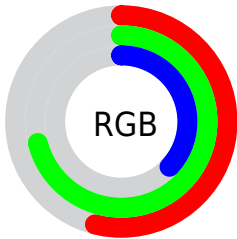
Format	Color
R_{YB}	94, 181, 138
Decimal	9024862
CIE _{Lab}	68.88, -29.78, 39.44
CIE _{LCh}	69, 49.416, 127.055
Y _{xy}	39.1743, 0.3409, 0.4627
Android (android.graphics.Color)	4287214942 (0xFF89B55E)
YUV	157.9260, -31.5155, -18.3521
Hunter-Lab	62.5894, -27.2188, 28.0610

Details

The Yxy color **39.1743, 0.3409, 0.4627** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **16.7426, 0.2675, 0.1963**, and the grayscale version is **34.3034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8502, 0.3375, 0.4357**, and **17.5050, 0.3432, 0.5078** is the 20% darker color. If you saturate the color by 10%, you get **38.1473, 0.3440, 0.4914**, and if you desaturate by 10%, it is **40.3465, 0.3363, 0.4330**.

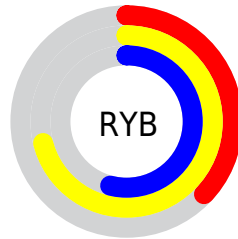
Distribution



Red (54%)

Green (71%)

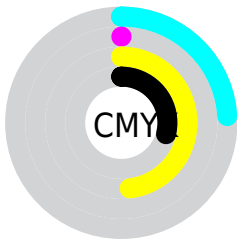
Blue (37%)



Red (37%)

Yellow (71%)

Blue (54%)

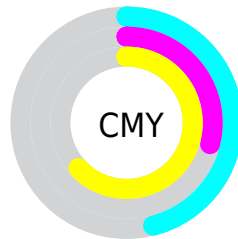


Cyan (24%)

Magenta (0%)

Yellow (48%)

Black (29%)



Cyan (46%)


Magenta (29%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1743, 0.3409, 0.4627 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 39.1743, 0.3409, 0.4627 by changing the saturation by 10% instead.


 39.1743, 0.3409,
0.4627


 39.1743, 0.3409,
0.4627


342.6310, 0.3293,
0.3910


 26.8953, 0.3425,
0.4818


 73.9045, 0.3375,
0.4357


 17.4946, 0.3436,
0.5067


 97.1246, 0.3360,
0.4258

 10.5878, 0.3430,
0.5403


 124.7604, 0.3346,
0.4176

 5.7904, 0.3385,
0.5880

 157.1965, 0.3333,
0.4106

 2.7180, 0.3289,
0.6711

194.8172, 0.3322,
0.4047

 0.9864, 0.1736,
0.8264

238.0069, 0.3311,

 0.0000, 0.0000,

0.3995

0.0000

287.1501, 0.3302,
0.3950

■ 39.1743, 0.3409,
0.4627

■ 39.1743, 0.3409,
0.4627

■ 38.1473, 0.3440,
0.4914

■ 40.3465, 0.3363,
0.4330

■ 37.2534, 0.3453,
0.5177

■ 41.6652, 0.3307,
0.4036

■ 36.4865, 0.3445,
0.5401


■ 43.1382, 0.3245,
0.3753


■ 35.8376, 0.3416,
0.5573

■ 44.7709, 0.3180,
0.3488

■ 35.2934, 0.3369,
0.5694

■ 46.5689, 0.3115,
0.3245

 35.1967, 0.3359,
0.5715

 48.5369, 0.3050,
0.3023

 50.6800, 0.2989,
0.2824

 53.0025, 0.2931,
0.2645

 55.3863, 0.2889,
0.2504

Harmonies

Analogous

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



39.1743, 0.4065, 0.4496



39.1743, 0.3409, 0.4627



39.1743, 0.2714, 0.4253

Triad

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



39.1743, 0.3409, 0.4627



39.1743, 0.1896, 0.2347



39.1743, 0.4144, 0.2989

Complementary

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



39.1743, 0.3409, 0.4627



16.7426, 0.2675, 0.1963

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.



39.1743, 0.3439, 0.2545



39.1743, 0.3409, 0.4627



39.1743, 0.2176, 0.2179

Square

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



39.1743, 0.3409, 0.4627



39.1743, 0.1889, 0.2799



39.1743, 0.2713, 0.2258



39.1743, 0.4546, 0.3518

Rectangle

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



39.1743, 0.3409, 0.4627



39.1743, 0.2323, 0.3776



39.1743, 0.2713, 0.2258



39.1743, 0.3929, 0.2828

Sweetspot

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



39.1760, 0.3409, 0.4627



78.3452, 0.3220, 0.3649



28.6654, 0.4106, 0.3911



16.8017, 0.3234, 0.3707



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.1760, 0.3409, 0.4627



68.1660, 0.3442, 0.4939



36.2359, 0.3057, 0.4783



9.6895, 0.3188, 0.3520



24.3046, 0.3368, 0.5707



0.7994, 0.3589, 0.5532

Inverse Universe

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



16.7426, 0.2675, 0.1963



23.0612, 0.2538, 0.1655



21.1647, 0.3181, 0.2144



8.4342, 0.3061, 0.3060



3.8924, 0.2048, 0.0902



0.1571, 0.2361, 0.1074

Previews

White Background



This preview shows how the Yxy color 39.1743, 0.3409, 0.4627 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 39.1743, 0.3409, 0.4627 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 39.1743, 0.3409, 0.4627

Background



This preview shows how black text looks on a background with the Yxy color 39.1743, 0.3409, 0.4627.



This preview shows how white text looks on a background with the Yxy color 39.1743, 0.3409, 0.4627.

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

39.1743, 0.3409, 0.4627

Protanopia

39.0408, 0.3981, 0.4340

Deuteranopia

38.7390, 0.4136, 0.4061



Tritanopia

39.0705, 0.2844, 0.3104

Trichromacy



Original Color

39.1743, 0.3409, 0.4627

Protanomaly

38.9673, 0.3764, 0.4447

Deuteranomaly

38.4520, 0.3857, 0.4268

Tritanomaly

38.9141, 0.3058, 0.3651

Monochromacy



Original Color

39.1743, 0.3409, 0.4627

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.5057, 0.3245, 0.3767

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1743, 0.3409, 0.4627 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(137, 181, 94)` looks like.

```
.text, #text, p{  
    color:rgb(137, 181, 94)  
}
```

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(137, 181, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 181, 94) }
```

Border

The CSS property to change the border of an element to Yxy 39.1743, 0.3409, 0.4627 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(137, 181, 94) }
```

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

```
.border{ border-color:rgb(137, 181, 94) }
```

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

Here you see how a box with a 4 pixel rgb(137, 181, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 181, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 181, 94);  
box-shadow:4px 4px 4px 4px rgb(137, 181,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1743, 0.3409, 0.4627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 181, 94) }
```

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

```
.background{ background-color: rgb(137,  
181, 94) }
```

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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