

Converting Colors

Yxy(39.5625, 0.3420, 0.4673)

Have a look what the booklet for
Yxy(39.5625, 0.3420, 0.4673)
contains.

Yxy(39.5470, 0.3419, 0.4666)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.5470, 0.3419, 0.4666)

Conversions

Conversions Part 1

Format	Color
Hex	89B65C
RGB	137, 182, 92
RGB Percent	54%, 71%, 36%
CMY	0.4627, 0.2863, 0.6392
CMYK	0.25, 0.00, 0.49, 0.29
HSL	90°, 38%, 54%
HSV	90°, 49%, 71%
XYZ	28.9780, 39.5470, 16.2307
YIQ	158.2850, 2.0700, -37.5300

Conversions

Conversions Part 2

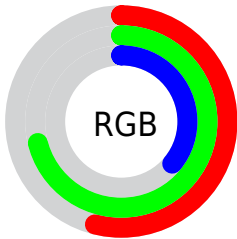
Format	Color
RYB	92, 182, 137
Decimal	9025116
CIELab	69.15, -30.49, 40.76
CIELCh	69, 50.898, 126.795
Yxy	39.5470, 0.3419, 0.4666
Android (android.graphics.Color)	4287215196 (0xFF89B65C)
YUV	158.2850, -32.6785, -18.6669
Hunter-Lab	62.8864, -27.7987, 28.7180

Details

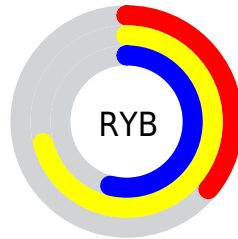
The Yxy color **39.5470, 0.3419, 0.4666** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **16.3490, 0.2652, 0.1920**, and the grayscale version is **34.4808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3692, 0.3385, 0.4389**, and **17.7525, 0.3440, 0.5121** is the 20% darker color. If you saturate the color by 10%, you get **38.5309, 0.3449, 0.4950**, and if you desaturate by 10%, it is **40.7078, 0.3374, 0.4370**.

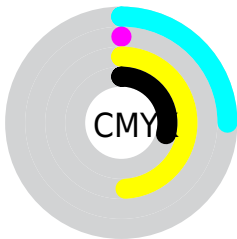
Distribution



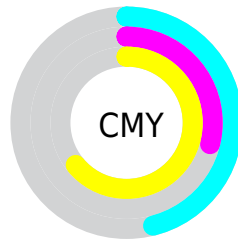
- Red (54%)
- Green (71%)
- Blue (36%)



- Red (36%)
- Yellow (71%)
- Blue (54%)



- Cyan (25%)
- Magenta (0%)
- Yellow (49%)
- Black (29%)




- Cyan (46%)
- Magenta (29%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5470, 0.3419, 0.4666 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 39.5470, 0.3419, 0.4666 by changing the saturation by 10% instead.


 39.5470, 0.3419,
0.4666

 39.5470, 0.3419,
0.4666

344.2105, 0.3301,
0.3930

 27.1855, 0.3435,
0.4861


 74.4732, 0.3385,
0.4389


 17.7126, 0.3444,
0.5115


 97.8067, 0.3369,
0.4288

 10.7439, 0.3436,
0.5456


 125.5664, 0.3355,
0.4203

 5.8949, 0.3388,
0.5943

 158.1366, 0.3342,
0.4131

 2.7813, 0.3263,
0.6737

195.9017, 0.3330,
0.4070

 1.0186, 0.1764,
0.8236

239.2461, 0.3319,

 0.0000, 0.0000,

0.4017

0.0000

288.5543, 0.3310,
0.3971

■ 39.5470, 0.3419,
0.4666

■ 39.5470, 0.3419,
0.4666

■ 38.5309, 0.3449,
0.4950

■ 40.7078, 0.3374,
0.4370

■ 37.6473, 0.3460,
0.5207

■ 42.0148, 0.3318,
0.4076

■ 36.8898, 0.3450,
0.5423


■ 43.4756, 0.3256,
0.3791

■ 36.2493, 0.3418,
0.5588

■ 45.0961, 0.3190,
0.3524

■ 35.7097, 0.3370,
0.5703

■ 46.8815, 0.3124,
0.3277

 35.6820, 0.3367,
0.5709

 48.8370, 0.3058,
0.3052

 50.9673, 0.2995,
0.2850

 53.2772, 0.2936,
0.2668

 55.7194, 0.2885,
0.2514

Harmonies

Analogous

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



39.5470, 0.4090, 0.4522



39.5470, 0.3419, 0.4666



39.5470, 0.2707, 0.4288

Triad

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



39.5470, 0.3419, 0.4666



39.5470, 0.1868, 0.2326



39.5470, 0.4166, 0.2976

Complementary

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



39.5470, 0.3419, 0.4666



16.3490, 0.2652, 0.1920

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.



39.5470, 0.3439, 0.2525



39.5470, 0.3419, 0.4666



39.5470, 0.2150, 0.2154

Square

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



39.5470, 0.3419, 0.4666



39.5470, 0.1862, 0.2789



39.5470, 0.2696, 0.2233



39.5470, 0.4582, 0.3515

Rectangle

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



39.5470, 0.3419, 0.4666



39.5470, 0.2307, 0.3796



39.5470, 0.2696, 0.2233



39.5470, 0.3944, 0.2812

Sweetspot

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



39.5487, 0.3419, 0.4666



80.0170, 0.3228, 0.3677



28.1859, 0.4153, 0.3908



17.5394, 0.3242, 0.3734



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.



39.5487, 0.3419, 0.4666



69.7613, 0.3450, 0.4965



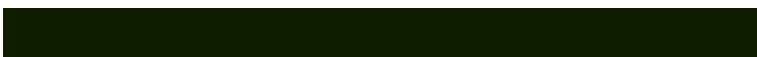
36.5825, 0.3065, 0.4828



10.2748, 0.3189, 0.3521



25.2374, 0.3375, 0.5702



0.9265, 0.3577, 0.5542

Inverse Universe

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



16.3490, 0.2652, 0.1920



22.9493, 0.2517, 0.1624



20.7953, 0.3164, 0.2108



8.9340, 0.3060, 0.3059



3.9943, 0.2036, 0.0895



0.1776, 0.2325, 0.1054

Previews

White Background



This preview shows how the Yxy color 39.5470, 0.3419, 0.4666 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 39.5470, 0.3419, 0.4666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

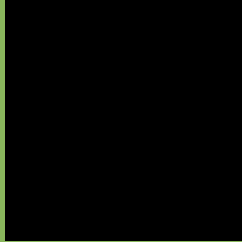
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5470, 0.3419, 0.4666

Background



This preview shows how black text looks on a background with the Yxy color 39.5470, 0.3419, 0.4666.



This preview shows how white text looks on a background with the Yxy color 39.5470, 0.3419, 0.4666.

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

39.5470, 0.3419, 0.4666

Protanopia

39.1325, 0.4007, 0.4359

Deuteranopia

38.9838, 0.4173, 0.4077



Tritanopia

39.4919, 0.2837, 0.3105

Trichromacy



Original Color

39.5470, 0.3419, 0.4666

Protanomaly

38.9332, 0.3778, 0.4472

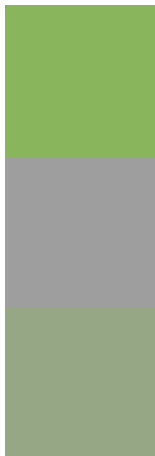
Deuteranomaly

38.5348, 0.3883, 0.4289

Tritanomaly

39.3048, 0.3058, 0.3665

Monochromacy



Original Color

39.5470, 0.3419, 0.4666

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.8427, 0.3252, 0.3797

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5470, 0.3419, 0.4666 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, 182, 92)` looks like.

```
.text, #text, p{  
    color:rgb(137, 182, 92)  
}
```

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, 182, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 182, 92) }
```

Border

The CSS property to change the border of an element to Yxy 39.5470, 0.3419, 0.4666 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, 182, 92) }
```

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

```
.border{ border-color:rgb(137, 182, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 182, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 182, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 182, 92);  
box-shadow:4px 4px 4px 4px rgb(137, 182,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5470, 0.3419, 0.4666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 182, 92) }
```

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

```
.background{ background-color: rgb(137,  
182, 92) }
```

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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