

Converting Colors

$Yxy(39.2823, 0.3334, 0.4557)$

Have a look what the booklet for
Yxy(39.2823, 0.3334, 0.4557)
contains.

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Color

Yxy(39.4443, 0.3338, 0.4563)

Conversions

Conversions Part 1

Format	Color
Hex	86B664
RGB	134, 182, 100
RGB Percent	53%, 71%, 39%
CMY	0.4746, 0.2862, 0.6079
CMYK	0.26, 0.00, 0.45, 0.29
HSL	95°, 36%, 55%
HSV	95°, 45%, 71%
XYZ	28.8549, 39.4443, 18.1446
YIQ	158.3000, -2.2860, -35.6780

Conversions

Conversions Part 2

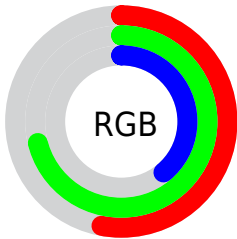
Format	Color
RYB	100, 182, 148
Decimal	8828516
CIELab	69.07, -30.64, 36.62
CIELCh	69, 47.748, 129.926
Yxy	39.4443, 0.3338, 0.4563
Android (android.graphics.Color)	4287018596 (0xFF86B664)
YUV	158.3000, -28.7419, -21.3111
Hunter-Lab	62.8047, -27.8983, 26.8341

Details

The Yxy color **39.4443, 0.3338, 0.4563** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **18.7877, 0.2785, 0.2074**, and the grayscale version is **34.4663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2349, 0.3318, 0.4304**, and **17.7334, 0.3352, 0.4983** is the 20% darker color. If you saturate the color by 10%, you get **38.3001, 0.3362, 0.4867**, and if you desaturate by 10%, it is **40.7590, 0.3302, 0.4256**.

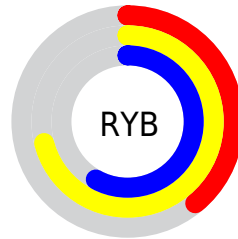
Distribution



Red (53%)

Green (71%)

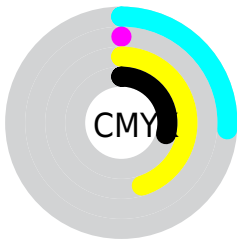
Blue (39%)



Red (39%)

Yellow (71%)

Blue (58%)

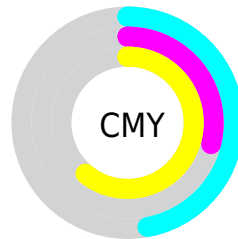


Cyan (26%)

Magenta (0%)

Yellow (45%)

Black (29%)



Cyan (47%)


Magenta (29%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4443, 0.3338, 0.4563 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 39.4443, 0.3338, 0.4563 by changing the saturation by 10% instead.

 39.4443, 0.3338,
0.4563


 39.4443, 0.3338,
0.4563

343.7758, 0.3256,
0.3879

 27.1055, 0.3347,
0.4747


 74.3166, 0.3315,
0.4304

 17.6525, 0.3351,
0.4989


 97.6189, 0.3305,
0.4210

 10.7008, 0.3339,
0.5318


 125.3445, 0.3295,
0.4131

 5.8660, 0.3285,
0.5784

 157.8778, 0.3285,
0.4065

 2.7638, 0.3251,
0.6749

195.6031, 0.3277,
0.4009

 1.0097, 0.1698,
0.8302

238.9050, 0.3269,

 0.0000, 0.0000,

0.3959

0.0000

288.1678, 0.3262,
0.3917

■ 39.4443, 0.3338,
0.4563

■ 39.4443, 0.3338,
0.4563

■ 38.3001, 0.3362,
0.4867

■ 40.7590, 0.3302,
0.4256

■ 37.3133, 0.3370,
0.5152

■ 42.2463, 0.3257,
0.3956

■ 36.4769, 0.3360,
0.5401


■ 43.9148, 0.3207,
0.3674

■ 35.7812, 0.3330,
0.5600

■ 45.7709, 0.3154,
0.3413

■ 35.2148, 0.3283,
0.5740


■ 47.8207, 0.3101,
0.3176

 34.9729, 0.3258,
0.5795

 50.0700, 0.3049,
0.2963

 52.5242, 0.3000,
0.2772

 55.1888, 0.2953,
0.2603

 57.4894, 0.2968,
0.2532

Harmonies

Analogous

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



39.4443, 0.3983, 0.4486



39.4443, 0.3338, 0.4563



39.4443, 0.2671, 0.4157

Triad

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



39.4443, 0.3338, 0.4563



39.4443, 0.1948, 0.2351



39.4443, 0.4161, 0.3048

Complementary

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



39.4443, 0.3338, 0.4563



18.7877, 0.2785, 0.2074

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.



39.4443, 0.3499, 0.2604



39.4443, 0.3338, 0.4563



39.4443, 0.2246, 0.2210

Square

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



39.4443, 0.3338, 0.4563



39.4443, 0.1917, 0.2765



39.4443, 0.2790, 0.2307



39.4443, 0.4511, 0.3567

Rectangle

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



39.4443, 0.3338, 0.4563



39.4443, 0.2305, 0.3686



39.4443, 0.2790, 0.2307



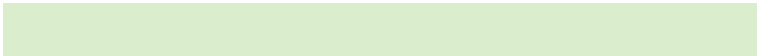
39.4443, 0.3963, 0.2888

Sweetspot

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



39.4460, 0.3338, 0.4563



79.8722, 0.3202, 0.3652



31.9938, 0.3986, 0.3965



17.4898, 0.3213, 0.3710



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.



39.4460, 0.3338, 0.4563



69.4576, 0.3362, 0.4862



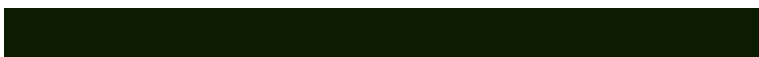
37.2268, 0.3018, 0.4562



10.2369, 0.3177, 0.3522



24.7310, 0.3267, 0.5788



0.9083, 0.3481, 0.5618

Inverse Universe

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



18.7877, 0.2785, 0.2074



27.2818, 0.2683, 0.1804



22.1598, 0.3257, 0.2284



8.9723, 0.3073, 0.3060



4.6148, 0.2212, 0.0992



0.1981, 0.2469, 0.1134

Previews

White Background



This preview shows how the Yxy color 39.4443, 0.3338, 0.4563 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 39.4443, 0.3338, 0.4563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

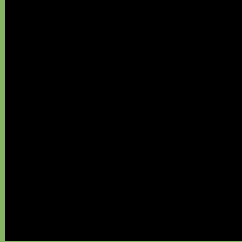
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4443, 0.3338, 0.4563

Background



This preview shows how black text looks on a background with the Yxy color 39.4443, 0.3338, 0.4563.



This preview shows how white text looks on a background with the Yxy color 39.4443, 0.3338, 0.4563.

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

39.4443, 0.3338, 0.4563

Protanopia

39.0218, 0.3924, 0.4273

Deuteranopia

38.8580, 0.4082, 0.3990



Tritanopia

39.2533, 0.2806, 0.3090

Trichromacy



Original Color

39.4443, 0.3338, 0.4563

Protanomaly

38.8572, 0.3698, 0.4378

Deuteranomaly

38.4495, 0.3797, 0.4194

Tritanomaly

39.1680, 0.3001, 0.3606

Monochromacy



Original Color

39.4443, 0.3338, 0.4563

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.8331, 0.3217, 0.3751

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4443, 0.3338, 0.4563 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(134, 182, 100)` looks like.

```
.text, #text, p{  
    color:rgb(134, 182, 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(134, 182, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 182, 100) }
```

Border

The CSS property to change the border of an element to Yxy 39.4443, 0.3338, 0.4563 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(134, 182, 100) }
```

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

```
.border{ border-color:rgb(134, 182, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 182, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 182, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 182, 100);  
box-shadow:4px 4px 4px 4px rgb(134, 182,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4443, 0.3338, 0.4563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 182, 100) }
```

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

```
.background{ background-color: rgb(134,  
182, 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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