

Converting Colors

$Yxy(39.7255, 0.3394, 0.4694)$

Have a look what the booklet for
Yxy(39.7255, 0.3394, 0.4694)
contains.

Yxy(39.7080, 0.3389, 0.4689)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.7080, 0.3389, 0.4689)

Conversions

Conversions Part 1

Format	Color
Hex	86B75C
RGB	134, 183, 92
RGB Percent	53%, 72%, 36%
CMY	0.4744, 0.2824, 0.6392
CMYK	0.27, 0.00, 0.50, 0.28
HSL	92°, 39%, 54%
HSV	92°, 50%, 72%
XYZ	28.6992, 39.7080, 16.2761
YIQ	157.9750, 0.0070, -38.6890

Conversions

Conversions Part 2

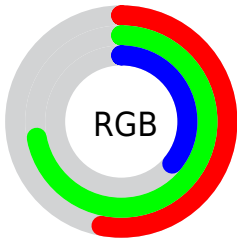
Format	Color
R_{YB}	92, 183, 141
Decimal	8828764
CIE _{Lab}	69.26, -32.07, 40.86
CIE _{LCh}	69, 51.938, 128.125
Yxy	39.7080, 0.3389, 0.4689
Android (android.graphics.Color)	4287018844 (0xFF86B75C)
YUV	157.9750, -32.5257, -21.0261
Hunter-Lab	63.0143, -28.9791, 28.7958

Details

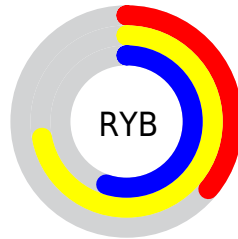
The Yxy color **39.7080, 0.3389, 0.4689** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **16.7336, 0.2688, 0.1926**, and the grayscale version is **34.3329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5654, 0.3361, 0.4406**, and **17.8818, 0.3399, 0.5154** is the 20% darker color. If you saturate the color by 10%, you get **38.6552, 0.3413, 0.4979**, and if you desaturate by 10%, it is **40.9169, 0.3351, 0.4388**.

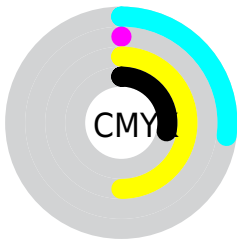
Distribution



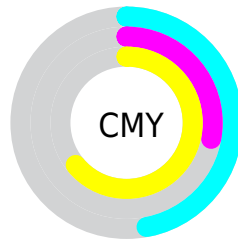
- Red (53%)
- Green (72%)
- Blue (36%)



- Red (36%)
- Yellow (72%)
- Blue (55%)



- Cyan (27%)
- Magenta (0%)
- Yellow (50%)
- Black (28%)





- Cyan (47%)
- Magenta (28%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7080, 0.3389, 0.4689 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 39.7080, 0.3389, 0.4689 by changing the saturation by 10% instead.


 39.7080, 0.3389,
0.4689


 39.7080, 0.3389,
0.4689


344.8913, 0.3287,
0.3939


 27.3109, 0.3400,
0.4888


 74.7187, 0.3361,
0.4406

 17.8069, 0.3403,
0.5148


 98.1011, 0.3348,
0.4303

 10.8114, 0.3387,
0.5498


 125.9140, 0.3336,
0.4217

 5.9402, 0.3326,
0.5997

 158.5420, 0.3324,
0.4144

 2.8087, 0.3183,
0.6817

196.3693, 0.3314,
0.4082

 1.0327, 0.1566,
0.8434

239.7803, 0.3304,

 0.0000, 0.0000,

0.4028

0.0000

289.1595, 0.3295,
0.3981

■ 39.7080, 0.3389,
0.4689

■ 39.7080, 0.3389,
0.4689

■ 38.6552, 0.3413,
0.4979

■ 40.9169, 0.3351,
0.4388

■ 37.7457, 0.3418,
0.5242

■ 42.2839, 0.3301,
0.4089

■ 36.9726, 0.3403,
0.5462

■ 43.8171, 0.3245,
0.3801


■ 36.3261, 0.3367,
0.5629


■ 45.5229, 0.3186,
0.3531


■ 35.7888, 0.3317,
0.5746


■ 47.4069, 0.3126,
0.3284

 35.7752, 0.3316,
0.5749

 49.4746, 0.3066,
0.3059

 51.7313, 0.3008,
0.2856

 54.1821, 0.2954,
0.2676

 56.7219, 0.2914,
0.2531

Harmonies

Analogous

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



39.7080, 0.4078, 0.4558



39.7080, 0.3389, 0.4689



39.7080, 0.2668, 0.4280

Triad

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



39.7080, 0.3389, 0.4689



39.7080, 0.1854, 0.2295



39.7080, 0.4213, 0.2993

Complementary

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



39.7080, 0.3389, 0.4689



16.7336, 0.2688, 0.1926

Split Complementary

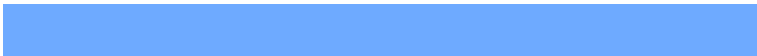
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.7080, 0.3479, 0.2529



39.7080, 0.3389, 0.4689



39.7080, 0.2152, 0.2134

Square

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



39.7080, 0.3389, 0.4689



39.7080, 0.1836, 0.2751



39.7080, 0.2718, 0.2225



39.7080, 0.4617, 0.3540

Rectangle

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



39.7080, 0.3389, 0.4689



39.7080, 0.2268, 0.3769



39.7080, 0.2718, 0.2225



39.7080, 0.3991, 0.2825

Sweetspot

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



39.7097, 0.3389, 0.4689



79.8056, 0.3219, 0.3678



29.7522, 0.4127, 0.3972



17.4871, 0.3232, 0.3735



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.



39.7097, 0.3389, 0.4689



69.0111, 0.3414, 0.5014



36.9690, 0.3036, 0.4794



10.2578, 0.3184, 0.3521



24.9974, 0.3325, 0.5742



0.9181, 0.3533, 0.5576

Inverse Universe

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



16.7336, 0.2688, 0.1926



22.9901, 0.2554, 0.1619



21.0153, 0.3218, 0.2141



8.9511, 0.3066, 0.3060



4.2570, 0.2112, 0.0937



0.1865, 0.2389, 0.1089

Previews

White Background



This preview shows how the Yxy color 39.7080, 0.3389, 0.4689 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 39.7080, 0.3389, 0.4689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

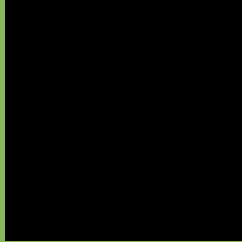
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7080, 0.3389, 0.4689

Background



This preview shows how black text looks on a background with the Yxy color 39.7080, 0.3389, 0.4689.



This preview shows how white text looks on a background with the Yxy color 39.7080, 0.3389, 0.4689.

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

39.7080, 0.3389, 0.4689

Protanopia

39.5032, 0.4000, 0.4370

Deuteranopia

39.3507, 0.4158, 0.4077



Tritanopia

39.7282, 0.2815, 0.3104

Trichromacy



Original Color

39.7080, 0.3389, 0.4689

Protanomaly

39.2089, 0.3763, 0.4488

Deuteranomaly

38.8042, 0.3859, 0.4292

Tritanomaly

39.5509, 0.3033, 0.3666

Monochromacy



Original Color

39.7080, 0.3389, 0.4689

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.7482, 0.3243, 0.3799

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7080, 0.3389, 0.4689 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, 183, 92)` looks like.

```
.text, #text, p{  
    color:rgb(134, 183, 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(134, 183, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 183, 92) }
```

Border

The CSS property to change the border of an element to Yxy 39.7080, 0.3389, 0.4689 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, 183, 92) }
```

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

```
.border{ border-color:rgb(134, 183, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 183, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 183, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 183, 92);  
box-shadow:4px 4px 4px 4px rgb(134, 183,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7080, 0.3389, 0.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 183, 92) }
```

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

```
.background{ background-color: rgb(134,  
183, 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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