

Converting Colors

$Yxy(39.5473, 0.3576, 0.4886)$

Have a look what the booklet for
Yxy(39.5473, 0.3576, 0.4886)
contains.

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Color

Yxy(39.5997, 0.3573, 0.4893)

Conversions

Conversions Part 1

Format	Color
Hex	8DB649
RGB	141, 182, 73
RGB Percent	55%, 71%, 29%
CMY	0.4470, 0.2863, 0.7139
CMYK	0.23, 0.00, 0.60, 0.29
HSL	83°, 43%, 50%
HSV	83°, 60%, 71%
XYZ	28.9168, 39.5997, 12.4149
YIQ	157.3150, 10.5530, -42.5910

Conversions

Conversions Part 2

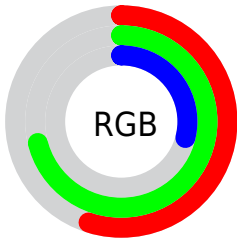
Format	Color
RYB	73, 182, 114
Decimal	9287241
CIELab	69.18, -30.89, 49.89
CIELCh	69, 58.673, 121.762
Yxy	39.5997, 0.3573, 0.4893
Android (android.graphics.Color)	4287477321 (0xFF8DB649)
YUV	157.3150, -41.5673, -14.3083
Hunter-Lab	62.9283, -28.1003, 32.3527

Details

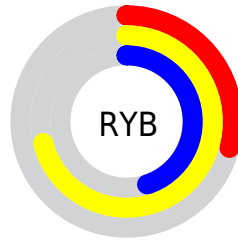
The Yxy color **39.5997, 0.3573, 0.4893** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **11.7101, 0.2366, 0.1560**, and the grayscale version is **34.0546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5257, 0.3520, 0.4572**, and **17.7672, 0.3602, 0.5387** is the 20% darker color. If you saturate the color by 10%, you get **38.8132, 0.3602, 0.5126**, and if you desaturate by 10%, it is **40.4974, 0.3524, 0.4632**.

Distribution



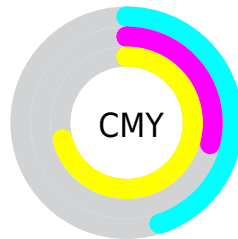
- Red (55%)
- Green (71%)
- Blue (29%)



- Red (29%)
- Yellow (71%)
- Blue (45%)



- Cyan (23%)
- Magenta (0%)
- Yellow (60%)
- Black (29%)





- Cyan (45%)
- Magenta (29%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5997, 0.3573, 0.4893 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 39.5997, 0.3573, 0.4893 by changing the saturation by 10% instead.

 39.5997, 0.3573,
0.4893


 39.5997, 0.3573,
0.4893


344.4335, 0.3392,
0.4045

 27.2266, 0.3596,
0.5109


 74.5536, 0.3522,
0.4579


 17.7435, 0.3608,
0.5384


 97.9031, 0.3498,
0.4462


 10.7660, 0.3592,
0.5736


 125.6802, 0.3476,
0.4364

 5.9097, 0.3603,
0.6364

 158.2693, 0.3456,
0.4281

 2.7902, 0.3243,
0.6757

 196.0548, 0.3437,
0.4210

 1.0232, 0.1719,
0.8281

239.4211, 0.3421,

 0.0000, 0.0000,

0.4148

0.0000

288.7525, 0.3406,
0.4093

■ 39.5997, 0.3573,
0.4893

■ 39.5997, 0.3573,
0.4893

■ 38.8132, 0.3602,
0.5126

■ 40.4974, 0.3524,
0.4632

■ 38.1255, 0.3607,
0.5318

■ 41.5072, 0.3459,
0.4355

■ 37.5303, 0.3588,
0.5461

■ 42.6366, 0.3382,
0.4073

■ 37.0116, 0.3550,
0.5562

■ 43.8908, 0.3299,
0.3798

■ 37.0073, 0.3550,
0.5563

■ 45.2746, 0.3213,
0.3534

■ 46.7926, 0.3126,
0.3288

■ 48.4491, 0.3042,
0.3061

■ 50.2483, 0.2962,
0.2854

■ 52.1940, 0.2886,
0.2667

Harmonies

Analogous

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



39.5997, 0.4311, 0.4603



39.5997, 0.3573, 0.4893



39.5997, 0.2761, 0.4579

Triad

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



39.5997, 0.3573, 0.4893



39.5997, 0.1690, 0.2252



39.5997, 0.4198, 0.2831

Complementary

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



39.5997, 0.3573, 0.4893



11.7101, 0.2366, 0.1560

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.



39.5997, 0.3327, 0.2358



39.5997, 0.3573, 0.4893



39.5997, 0.1949, 0.2021

Square

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



39.5997, 0.3573, 0.4893



39.5997, 0.1731, 0.2822



39.5997, 0.2508, 0.2071



39.5997, 0.4755, 0.3414

Rectangle

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



39.5997, 0.3573, 0.4893



39.5997, 0.2287, 0.4033



39.5997, 0.2508, 0.2071



39.5997, 0.3924, 0.2657

Sweetspot

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



39.6015, 0.3573, 0.4893



79.9603, 0.3285, 0.3754



22.2226, 0.4565, 0.3844



17.5070, 0.3310, 0.3833



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.



39.6015, 0.3573, 0.4893



69.9357, 0.3606, 0.5194



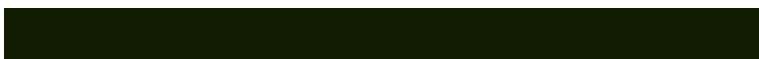
35.9870, 0.3130, 0.5142



10.3302, 0.3208, 0.3520



26.1728, 0.3557, 0.5557



0.9568, 0.3724, 0.5425

Inverse Universe

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



11.7101, 0.2366, 0.1560



14.8577, 0.2158, 0.1207



16.4029, 0.3009, 0.1837



8.8795, 0.3041, 0.3058



3.2983, 0.1819, 0.0776



0.1521, 0.2129, 0.0946

Previews

White Background



This preview shows how the Yxy color 39.5997, 0.3573, 0.4893 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 39.5997, 0.3573, 0.4893 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 39.5997, 0.3573, 0.4893

Background



This preview shows how black text looks on a background with the Yxy color 39.5997, 0.3573, 0.4893.



This preview shows how white text looks on a background with the Yxy color 39.5997, 0.3573, 0.4893.

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

39.5997, 0.3573, 0.4893

Protanopia

39.3704, 0.4135, 0.4553

Deuteranopia

39.1160, 0.4350, 0.4254



Tritanopia

39.5551, 0.2885, 0.3106

Trichromacy



Original Color

39.5997, 0.3573, 0.4893

Protanomaly

39.2603, 0.3920, 0.4689

Deuteranomaly

38.7314, 0.4059, 0.4478

Tritanomaly

39.1576, 0.3158, 0.3754

Monochromacy



Original Color

39.5997, 0.3573, 0.4893

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

35.3581, 0.3333, 0.3907

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5997, 0.3573, 0.4893 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(141, 182, 73)` looks like.

```
.text, #text, p{  
    color:rgb(141, 182, 73)  
}
```

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(141, 182, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 182, 73) }
```

Border

The CSS property to change the border of an element to Yxy 39.5997, 0.3573, 0.4893 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(141, 182, 73) }
```

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

```
.border{ border-color:rgb(141, 182, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 182, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 182, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 182, 73);  
box-shadow:4px 4px 4px 4px rgb(141, 182,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5997, 0.3573, 0.4893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 182, 73) }
```

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

```
.background{ background-color: rgb(141,  
182, 73) }
```

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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