

Converting Colors

Yxy(39.4326, 0.3623, 0.4192)

Have a look what the booklet for
Yxy(39.4326, 0.3623, 0.4192)
contains.

Yxy(39.4479, 0.3625, 0.4191)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.4479, 0.3625, 0.4191)

Conversions

Conversions Part 1

Format	Color
Hex	A9AD6E
RGB	169, 173, 110
RGB Percent	66%, 68%, 43%
CMY	0.3372, 0.3216, 0.5688
CMYK	0.02, 0.00, 0.36, 0.32
HSL	64°, 28%, 55%
HSV	64°, 36%, 68%
XYZ	34.1204, 39.4479, 20.5570
YIQ	164.6220, 17.8390, -20.4410

Conversions

Conversions Part 2

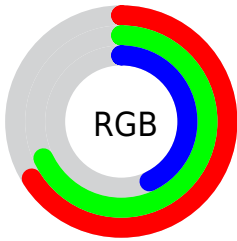
Format	Color
RYB	110, 173, 114
Decimal	11119982
CIELab	69.07, -11.35, 31.95
CIElCh	69, 33.900, 109.553
Yxy	39.4479, 0.3625, 0.4191
Android (android.graphics.Color)	4289310062 (0xFFA9AD6E)
YUV	164.6220, -26.9286, 3.8395
Hunter-Lab	62.8076, -12.9425, 24.5596

Details

The Yxy color **39.4479, 0.3625, 0.4191** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.7358, 0.2516, 0.2226**, and the grayscale version is **37.5614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1030, 0.3541, 0.4017**, and **17.7247, 0.3753, 0.4469** is the 20% darker color. If you saturate the color by 10%, you get **38.9884, 0.3750, 0.4426**, and if you desaturate by 10%, it is **39.9856, 0.3490, 0.3943**.

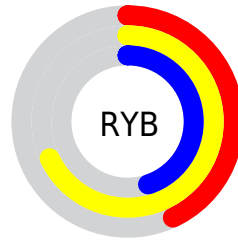
Distribution



Red (66%)

Green (68%)

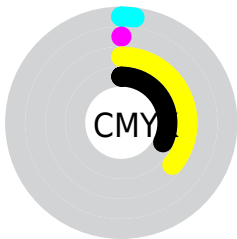
Blue (43%)



Red (43%)

Yellow (68%)

Blue (45%)

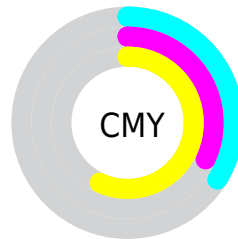


Cyan (2%)

Magenta (0%)

Yellow (36%)

Black (32%)



Cyan (34%)


Magenta (32%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4479, 0.3625, 0.4191 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 39.4479, 0.3625, 0.4191 by changing the saturation by 10% instead.

 39.4479, 0.3625,
0.4191


 39.4479, 0.3625,
0.4191


343.7910, 0.3381,
0.3722

 27.1083, 0.3682,
0.4312


 74.3221, 0.3538,
0.4017


 17.6546, 0.3752,
0.4468


 97.6255, 0.3505,
0.3953

 10.7023, 0.3837,
0.4676


 125.3522, 0.3477,
0.3899

 5.8670, 0.3936,
0.4961

 157.8868, 0.3452,
0.3853

 2.7644, 0.4235,
0.5631

195.6136, 0.3431,
0.3813

 1.0100, 0.4016,
0.5984

238.9170, 0.3412,

 0.0000, 0.0000,

0.3779

0.0000

288.1813, 0.3395,
0.3749

■ 39.4479, 0.3625,
0.4191

■ 39.4479, 0.3625,
0.4191

■ 38.9884, 0.3750,
0.4426

■ 39.9856, 0.3490,
0.3943

■ 38.5973, 0.3861,
0.4639

■ 40.6000, 0.3352,
0.3692

■ 38.2718, 0.3952,
0.4820

■ 41.2966, 0.3214,
0.3445

■ 38.0065, 0.4020,
0.4963

■ 42.0789, 0.3080,
0.3207

■ 37.7952, 0.4062,
0.5063

■ 42.9501, 0.2953,
0.2982

■ 37.6293, 0.4080,
0.5123

■ 43.9132, 0.2833,
0.2773

■ 37.5749, 0.4084,
0.5140

■ 44.9712, 0.2722,
0.2581

■ 46.1269, 0.2621,
0.2406

■ 46.6767, 0.2589,
0.2344

Harmonies

Analogous

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



39.4479, 0.3994, 0.3998



39.4479, 0.3625, 0.4191



39.4479, 0.3139, 0.4111

Triad

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



39.4479, 0.3625, 0.4191



39.4479, 0.2218, 0.2809



39.4479, 0.3561, 0.2886

Complementary

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



39.4479, 0.3625, 0.4191



17.7358, 0.2516, 0.2226

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.



39.4479, 0.3050, 0.2617



39.4479, 0.3625, 0.4191



39.4479, 0.2307, 0.2553

Square

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



39.4479, 0.3625, 0.4191



39.4479, 0.2344, 0.3242



39.4479, 0.2599, 0.2495



39.4479, 0.3969, 0.3251

Rectangle

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



39.4479, 0.3625, 0.4191



39.4479, 0.2818, 0.3891



39.4479, 0.2599, 0.2495



39.4479, 0.3393, 0.2782

Sweetspot

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



39.4497, 0.3625, 0.4191



73.3455, 0.3279, 0.3561



21.8458, 0.3970, 0.3340



15.9046, 0.3297, 0.3594



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



39.4497, 0.3625, 0.4191



69.9526, 0.3730, 0.4388



36.4450, 0.3328, 0.4286



9.3040, 0.3253, 0.3515



27.6126, 0.4085, 0.5139



0.7757, 0.4120, 0.5111

Inverse Universe

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



17.7358, 0.2516, 0.2226



25.1382, 0.2348, 0.1939



20.1481, 0.2842, 0.2316



7.7805, 0.2995, 0.3056



2.2780, 0.1525, 0.0614



0.0710, 0.1632, 0.0673

Previews

White Background



This preview shows how the Yxy color 39.4479, 0.3625, 0.4191 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 39.4479, 0.3625, 0.4191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

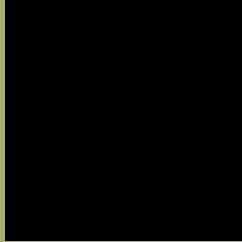
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4479, 0.3625, 0.4191

Background



This preview shows how black text looks on a background with the Yxy color 39.4479, 0.3625, 0.4191.



This preview shows how white text looks on a background with the Yxy color 39.4479, 0.3625, 0.4191.

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

39.4479, 0.3625, 0.4191

Protanopia

39.1553, 0.3805, 0.4112

Deuteranopia

39.2385, 0.3992, 0.3908



Tritanopia

39.4717, 0.3126, 0.3114

Trichromacy



Original Color

39.4479, 0.3625, 0.4191

Protanomaly

39.3186, 0.3736, 0.4139

Deuteranomaly

39.0273, 0.3857, 0.4002

Tritanomaly

39.3038, 0.3314, 0.3501

Monochromacy



Original Color

39.4479, 0.3625, 0.4191

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.1566, 0.3308, 0.3623

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4479, 0.3625, 0.4191 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(169, 173, 110)` looks like.

```
.text, #text, p{  
    color:rgb(169, 173, 110)  
}
```

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(169, 173, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 173, 110) }
```

Border

The CSS property to change the border of an element to Yxy 39.4479, 0.3625, 0.4191 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(169, 173, 110) }
```

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

```
.border{ border-color:rgb(169, 173, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 173, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 173, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 173, 110);  
box-shadow:4px 4px 4px 4px rgb(169, 173,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4479, 0.3625, 0.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 173, 110) }
```

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

```
.background{ background-color: rgb(169,  
173, 110) }
```

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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