

Converting Colors

$Y_{xy}(39.2279, 0.3490, 0.4791)$

Have a look what the booklet for
Yxy(39.2279, 0.3490, 0.4791)
contains.

Yxy(39.0602, 0.3496, 0.4786)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.0602, 0.3496, 0.4786)

Conversions

Conversions Part 1

Format	Color
Hex	8AB552
RGB	138, 181, 82
RGB Percent	54%, 71%, 32%
CMY	0.4587, 0.2902, 0.6784
CMYK	0.24, 0.00, 0.55, 0.29
HSL	86°, 40%, 52%
HSV	86°, 55%, 71%
XYZ	28.5321, 39.0602, 14.0212
YIQ	156.8570, 6.1510, -39.9050

Conversions

Conversions Part 2

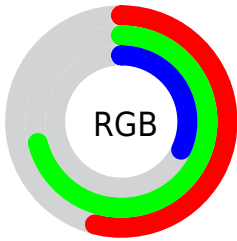
Format	Color
R_{YB}	82, 181, 125
Decimal	9090386
CIE _{Lab}	68.79, -30.71, 45.20
CIE _{LCh}	69, 54.646, 124.191
Yxy	39.0602, 0.3496, 0.4786
Android (android.graphics.Color)	4287280466 (0xFF8AB552)
YUV	156.8570, -36.9045, -16.5376
Hunter-Lab	62.4982, -27.8818, 30.4473

Details

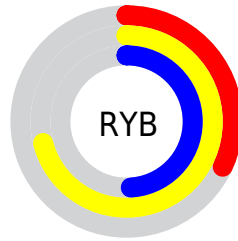
The Yxy color **39.0602, 0.3496, 0.4786** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **13.7323, 0.2512, 0.1741**, and the grayscale version is **33.8201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6271, 0.3450, 0.4490**, and **17.4634, 0.3530, 0.5269** is the 20% darker color. If you saturate the color by 10%, you get **38.1753, 0.3526, 0.5046**, and if you desaturate by 10%, it is **40.0697, 0.3448, 0.4505**.

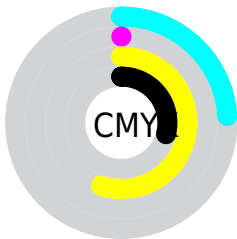
Distribution



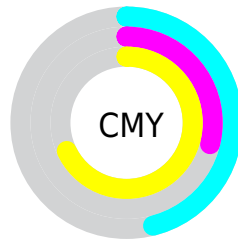
- Red (54%)
- Green (71%)
- Blue (32%)



- Red (32%)
- Yellow (71%)
- Blue (49%)



- Cyan (24%)
- Magenta (0%)
- Yellow (55%)
- Black (29%)




- Cyan (46%)
- Magenta (29%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0602, 0.3496, 0.4786 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 39.0602, 0.3496, 0.4786 by changing the saturation by 10% instead.


 39.0602, 0.3496,
0.4786


 39.0602, 0.3496,
0.4786


342.1464, 0.3345,
0.3988


 26.8066, 0.3516,
0.4994


 73.7303, 0.3453,
0.4487


 17.4280, 0.3527,
0.5263

 96.9155, 0.3433,
0.4377


 10.5401, 0.3515,
0.5617

 124.5134, 0.3415,
0.4285

 5.7585, 0.3491,
0.6176

 156.9083, 0.3398,
0.4208

 2.6988, 0.3234,
0.6766

 194.4847, 0.3383,
0.4141

 0.9766, 0.1525,
0.8475

237.6269, 0.3369,

 0.0000, 0.0000,

0.4083

0.0000

286.7193, 0.3357,
0.4032

■ 39.0602, 0.3496,
0.4786

■ 39.0602, 0.3496,
0.4786

■ 38.1753, 0.3526,
0.5046

■ 40.0697, 0.3448,
0.4505

■ 37.4031, 0.3535,
0.5272

■ 41.2048, 0.3386,
0.4217

■ 36.7373, 0.3521,
0.5452

■ 42.4730, 0.3316,
0.3933

■ 36.1688, 0.3485,
0.5579

■ 43.8795, 0.3240,
0.3659

■ 35.8963, 0.3461,
0.5634

■ 45.4294, 0.3163,
0.3403

■ 47.1273, 0.3087,
0.3167

■ 48.9776, 0.3013,
0.2952

■ 50.9846, 0.2943,
0.2757

■ 53.1523, 0.2877,
0.2582

Harmonies

Analogous

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



39.0602, 0.4203, 0.4570



39.0602, 0.3496, 0.4786



39.0602, 0.2732, 0.4434

Triad

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



39.0602, 0.3496, 0.4786



39.0602, 0.1775, 0.2285



39.0602, 0.4187, 0.2903

Complementary

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



39.0602, 0.3496, 0.4786



13.7323, 0.2512, 0.1741

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.



39.0602, 0.3386, 0.2439



39.0602, 0.3496, 0.4786



39.0602, 0.2046, 0.2084

Square

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



39.0602, 0.3496, 0.4786



39.0602, 0.1792, 0.2802



39.0602, 0.2602, 0.2149



39.0602, 0.4674, 0.3466

Rectangle

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



39.0602, 0.3496, 0.4786



39.0602, 0.2294, 0.3912



39.0602, 0.2602, 0.2149



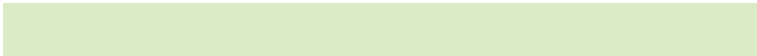
39.0602, 0.3939, 0.2734

Sweetspot

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



39.0619, 0.3496, 0.4786



78.1745, 0.3252, 0.3702



25.0771, 0.4337, 0.3898



16.7837, 0.3268, 0.3756



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.0619, 0.3496, 0.4786



68.0208, 0.3531, 0.5104



35.7611, 0.3090, 0.4994



9.7194, 0.3199, 0.3519



24.7885, 0.3469, 0.5627



0.8137, 0.3671, 0.5468

Inverse Universe

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



13.7323, 0.2512, 0.1741



17.8792, 0.2332, 0.1398



18.4179, 0.3106, 0.1979



8.4045, 0.3051, 0.3059



3.4728, 0.1916, 0.0829



0.1440, 0.2248, 0.1012

Previews

White Background



This preview shows how the Yxy color 39.0602, 0.3496, 0.4786 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 39.0602, 0.3496, 0.4786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

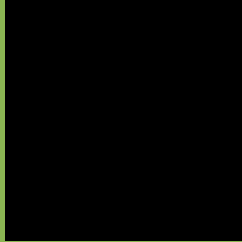
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0602, 0.3496, 0.4786

Background



This preview shows how black text looks on a background with the Yxy color 39.0602, 0.3496, 0.4786.



This preview shows how white text looks on a background with the Yxy color 39.0602, 0.3496, 0.4786.

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

39.0602, 0.3496, 0.4786

Protanopia

38.9944, 0.4073, 0.4458

Deuteranopia

38.4800, 0.4257, 0.4164



Tritanopia

38.8855, 0.2859, 0.3091

Trichromacy



Original Color

39.0602, 0.3496, 0.4786

Protanomaly

38.8867, 0.3859, 0.4587

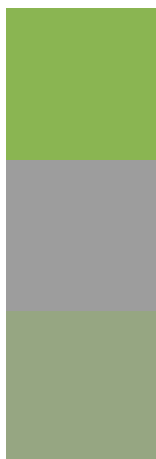
Deuteranomaly

38.1331, 0.3970, 0.4382

Tritanomaly

38.5817, 0.3108, 0.3697

Monochromacy



Original Color

39.0602, 0.3496, 0.4786

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

35.3682, 0.3289, 0.3846

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0602, 0.3496, 0.4786 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(138, 181, 82)` looks like.

```
.text, #text, p{  
    color:rgb(138, 181, 82)  
}
```

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(138, 181, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 181, 82) }
```

Border

The CSS property to change the border of an element to Yxy 39.0602, 0.3496, 0.4786 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(138, 181, 82) }
```

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

```
.border{ border-color:rgb(138, 181, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 181, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 181, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 181, 82);  
box-shadow:4px 4px 4px 4px rgb(138, 181,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0602, 0.3496, 0.4786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 181, 82) }
```

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

```
.background{ background-color: rgb(138,  
181, 82) }
```

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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