

Converting Colors

$Yxy(42.9680, 0.3498, 0.4359)$

Have a look what the booklet for
Yxy(42.9680, 0.3498, 0.4359)
contains.

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Color

Yxy(42.8804, 0.3496, 0.4351)

Conversions

Conversions Part 1

Format	Color
Hex	A0B86E
RGB	160, 184, 110
RGB Percent	63%, 72%, 43%
CMY	0.3725, 0.2784, 0.5685
CMYK	0.13, 0.00, 0.40, 0.28
HSL	79°, 34%, 58%
HSV	79°, 40%, 72%
XYZ	34.4541, 42.8804, 21.2185
YIQ	168.3880, 9.4500, -28.1020

Conversions

Conversions Part 2

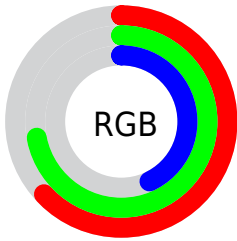
Format	Color
RYB	110, 184, 134
Decimal	10532974
CIELab	71.47, -20.53, 34.86
CIELCh	71, 40.461, 120.495
Yxy	42.8804, 0.3496, 0.4351
Android (android.graphics.Color)	4288723054 (0xFFA0B86E)
YUV	168.3880, -28.7853, -7.3563
Hunter-Lab	65.4831, -20.6772, 26.6265

Details

The Yxy color **42.8804, 0.3496, 0.4351** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **19.6872, 0.2626, 0.2149**, and the grayscale version is **39.5018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5634, 0.3439, 0.4140**, and **19.6953, 0.3565, 0.4674** is the 20% darker color. If you saturate the color by 10%, you get **41.9217, 0.3570, 0.4620**, and if you desaturate by 10%, it is **43.9557, 0.3411, 0.4075**.

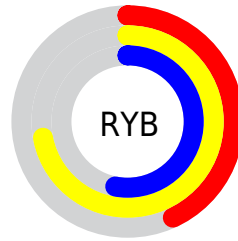
Distribution



Red (63%)

Green (72%)

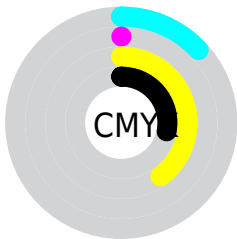
Blue (43%)



Red (43%)

Yellow (72%)

Blue (53%)

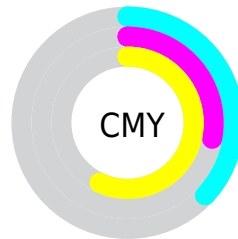


Cyan (13%)

Magenta (0%)

Yellow (40%)

Black (28%)



Cyan (37%)


Magenta (28%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8804, 0.3496, 0.4351 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 42.8804, 0.3496, 0.4351 by changing the saturation by 10% instead.


 42.8804, 0.3496,
0.4351


 42.8804, 0.3496,
0.4351


358.1197, 0.3326,
0.3797


 29.7913, 0.3531,
0.4494


 79.5303, 0.3439,
0.4146

 19.6802, 0.3571,
0.4679


 103.8600, 0.3416,
0.4070

 12.1628, 0.3612,
0.4927


 132.7052, 0.3396,
0.4006

 6.8547, 0.3646,
0.5268

 166.4505, 0.3379,
0.3952

 3.3714, 0.3770,
0.5963

205.4802, 0.3363,
0.3905

 1.3286, 0.3470,
0.6530

250.1787, 0.3350,

 0.1631, 0.0000,

0.3864

1.0000

300.9304, 0.3337,
0.3829

0.0000, 0.0000,
0.0000

42.8804, 0.3496,
0.4351

42.8804, 0.3496,
0.4351

41.9217, 0.3570,
0.4620

43.9557, 0.3411,
0.4075

41.0682, 0.3627,
0.4872

45.1469, 0.3319,
0.3803

40.3158, 0.3663,
0.5093


46.4609, 0.3224,
0.3541

39.6573, 0.3676,
0.5274


47.9020, 0.3129,
0.3295


39.0845, 0.3663,
0.5407


49.4745, 0.3037,
0.3067

 38.5908, 0.3633,
0.5498

 51.1824, 0.2950,
0.2858

 53.0295, 0.2867,
0.2668

 54.8755, 0.2804,
0.2517

 55.7555, 0.2848,
0.2527

Harmonies

Analogous

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



42.8804, 0.3992, 0.4212



42.8804, 0.3496, 0.4351



42.8804, 0.2927, 0.4132

Triad

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



42.8804, 0.3496, 0.4351



42.8804, 0.2097, 0.2597



42.8804, 0.3827, 0.2966

Complementary

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



42.8804, 0.3496, 0.4351



19.6872, 0.2626, 0.2149

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.



42.8804, 0.3250, 0.2616



42.8804, 0.3496, 0.4351



42.8804, 0.2283, 0.2396

Square

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



42.8804, 0.3496, 0.4351



42.8804, 0.2148, 0.3024



42.8804, 0.2688, 0.2412



42.8804, 0.4213, 0.3400

Rectangle

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



42.8804, 0.3496, 0.4351



42.8804, 0.2584, 0.3802



42.8804, 0.2688, 0.2412



42.8804, 0.3646, 0.2837

Sweetspot

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



42.8823, 0.3496, 0.4351



83.7280, 0.3243, 0.3592



28.2152, 0.3988, 0.3626



17.9824, 0.3255, 0.3626



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.



42.8823, 0.3496, 0.4351



76.2253, 0.3560, 0.4583



39.6622, 0.3177, 0.4467



10.3534, 0.3215, 0.3519



26.6354, 0.3640, 0.5492



0.9708, 0.3787, 0.5375

Inverse Universe

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



19.6872, 0.2626, 0.2149



28.5280, 0.2489, 0.1876



23.2125, 0.3020, 0.2269



8.8571, 0.3033, 0.3057



3.0747, 0.1745, 0.0735



0.1428, 0.2052, 0.0904

Previews

White Background



This preview shows how the Yxy color 42.8804, 0.3496, 0.4351 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 42.8804, 0.3496, 0.4351 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 42.8804, 0.3496, 0.4351

Background



This preview shows how black text looks on a background with the Yxy color 42.8804, 0.3496, 0.4351.



This preview shows how white text looks on a background with the Yxy color 42.8804, 0.3496, 0.4351.

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

42.8804, 0.3496, 0.4351

Protanopia

42.7769, 0.3864, 0.4193

Deuteranopia

42.5540, 0.4028, 0.3946



Tritanopia

42.8801, 0.2973, 0.3102

Trichromacy



Original Color

42.8804, 0.3496, 0.4351

Protanomaly

42.6056, 0.3734, 0.4254

Deuteranomaly

42.2859, 0.3827, 0.4080

Tritanomaly

42.4858, 0.3168, 0.3542

Monochromacy



Original Color

42.8804, 0.3496, 0.4351

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.3780, 0.3271, 0.3677

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8804, 0.3496, 0.4351 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(160, 184, 110)` looks like.

```
.text, #text, p{  
    color:rgb(160, 184, 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(160, 184, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 184, 110) }
```

Border

The CSS property to change the border of an element to Yxy 42.8804, 0.3496, 0.4351 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(160, 184, 110) }
```

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

```
.border{ border-color:rgb(160, 184, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 184, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 184, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 184, 110); box-shadow:4px 4px 4px 4px rgb(160, 184, 110) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8804, 0.3496, 0.4351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 184, 110) }
```

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

```
.background{ background-color: rgb(160,  
184, 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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