

Converting Colors

Yxy(39.9238, 0.3481, 0.4012)

Have a look what the booklet for
Yxy(39.9238, 0.3481, 0.4012)
contains.

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Color

Yxy(39.9428, 0.3485, 0.4010)

Conversions

Conversions Part 1

Format	Color
Hex	A7AE7C
RGB	167, 174, 124
RGB Percent	65%, 68%, 49%
CMY	0.3450, 0.3176, 0.5137
CMYK	0.04, 0.00, 0.29, 0.32
HSL	68°, 24%, 58%
HSV	68°, 29%, 68%
XYZ	34.7134, 39.9428, 24.9518
YIQ	166.2070, 11.8780, -17.0340

Conversions

Conversions Part 2

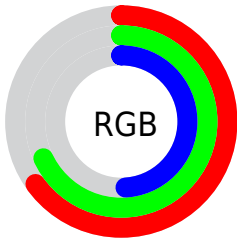
Format	Color
RYB	124, 174, 131
Decimal	10989180
CIELab	69.43, -10.83, 24.90
CIELCh	69, 27.153, 113.497
Yxy	39.9428, 0.3485, 0.4010
Android (android.graphics.Color)	4289179260 (0xFFA7AE7C)
YUV	166.2070, -20.8081, 0.6955
Hunter-Lab	63.2003, -12.5577, 20.8322

Details

The Yxy color **39.9428, 0.3485, 0.4010** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.2987, 0.2702, 0.2489**, and the grayscale version is **38.3391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9009, 0.3425, 0.3864**, and **18.0045, 0.3569, 0.4236** is the 20% darker color. If you saturate the color by 10%, you get **39.2801, 0.3604, 0.4264**, and if you desaturate by 10%, it is **40.6917, 0.3360, 0.3753**.

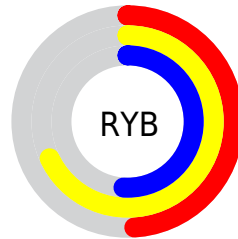
Distribution



Red (65%)

Green (68%)

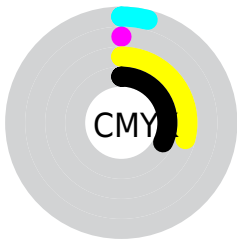
Blue (49%)



Red (49%)

Yellow (68%)

Blue (51%)

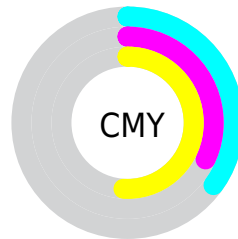


Cyan (4%)

Magenta (0%)

Yellow (29%)

Black (32%)



Cyan (35%)


Magenta (32%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9428, 0.3485, 0.4010 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 39.9428, 0.3485, 0.4010 by changing the saturation by 10% instead.


 39.9428, 0.3485,
0.4010

 39.9428, 0.3485,
0.4010


345.8824, 0.3308,
0.3634

 27.4939, 0.3528,
0.4108


 75.0764, 0.3422,
0.3870

 17.9445, 0.3581,
0.4237


 98.5299, 0.3397,
0.3818

 10.9102, 0.3648,
0.4411


 126.4205, 0.3377,
0.3775

 6.0065, 0.3733,
0.4658

159.1325, 0.3359,
0.3739

 2.8490, 0.3863,
0.5068

197.0503, 0.3344,
0.3707

 1.0534, 0.4086,
0.5914

240.5583, 0.3330,

 0.0000, 0.0000,

0.3679

0.0000

290.0408, 0.3319,
0.3655

■ 39.9428, 0.3485,
0.4010

■ 39.9428, 0.3485,
0.4010

■ 39.2801, 0.3604,
0.4264

■ 40.6917, 0.3360,
0.3753

■ 38.6942, 0.3713,
0.4507

■ 41.5253, 0.3235,
0.3501

■ 38.1824, 0.3806,
0.4727

■ 42.4489, 0.3112,
0.3260

■ 37.7397, 0.3878,
0.4916

■ 43.4659, 0.2994,
0.3033

■ 37.3604, 0.3927,
0.5065

■ 44.5794, 0.2882,
0.2822

■ 37.0381, 0.3949,
0.5171

■ 45.7926, 0.2778,
0.2629

■ 36.7608, 0.3950,
0.5238

■ 47.1082, 0.2683,
0.2453

■ 36.7267, 0.3950,
0.5246

■ 47.9889, 0.2643,
0.2369

■ 48.2969, 0.2660,
0.2373

Harmonies

Analogous

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



39.9428, 0.3795, 0.3894



39.9428, 0.3485, 0.4010



39.9428, 0.3091, 0.3907

Triad

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



39.9428, 0.3485, 0.4010



39.9428, 0.2388, 0.2874



39.9428, 0.3525, 0.3000

Complementary

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



39.9428, 0.3485, 0.4010



22.2987, 0.2702, 0.2489

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.



39.9428, 0.3123, 0.2764



39.9428, 0.3485, 0.4010



39.9428, 0.2485, 0.2681

Square

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



39.9428, 0.3485, 0.4010



39.9428, 0.2471, 0.3208



39.9428, 0.2745, 0.2648



39.9428, 0.3827, 0.3308

Rectangle

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



39.9428, 0.3485, 0.4010



39.9428, 0.2836, 0.3718



39.9428, 0.2745, 0.2648



39.9428, 0.3396, 0.2911

Sweetspot

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



39.9446, 0.3485, 0.4010



75.2553, 0.3240, 0.3512



26.5997, 0.3719, 0.3391



16.6762, 0.3258, 0.3548



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.9446, 0.3485, 0.4010



71.7309, 0.3556, 0.4160



37.5082, 0.3252, 0.4067



9.2727, 0.3242, 0.3516



26.6577, 0.3953, 0.5243



0.7569, 0.4031, 0.5182

Inverse Universe

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



22.2987, 0.2702, 0.2489



34.8202, 0.2598, 0.2299



24.5089, 0.2960, 0.2546



7.8089, 0.3006, 0.3057



2.3762, 0.1564, 0.0635



0.0824, 0.1782, 0.0755

Previews

White Background



This preview shows how the Yxy color 39.9428, 0.3485, 0.4010 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 39.9428, 0.3485, 0.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

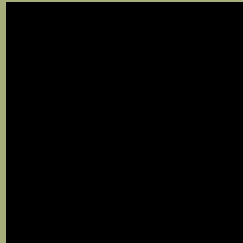
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9428, 0.3485, 0.4010

Background



This preview shows how black text looks on a background with the Yxy color 39.9428, 0.3485, 0.4010.



This preview shows how white text looks on a background with the Yxy color 39.9428, 0.3485, 0.4010.

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

39.9428, 0.3485, 0.4010

Protanopia

39.7262, 0.3668, 0.3939

Deuteranopia

39.6264, 0.3844, 0.3760



Tritanopia

39.9314, 0.3081, 0.3114

Trichromacy



Original Color

39.9428, 0.3485, 0.4010

Protanomaly

39.9030, 0.3602, 0.3962

Deuteranomaly

39.4445, 0.3714, 0.3847

Tritanomaly

39.9454, 0.3221, 0.3430

Monochromacy



Original Color

39.9428, 0.3485, 0.4010

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.7173, 0.3254, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9428, 0.3485, 0.4010 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(167, 174, 124)` looks like.

```
.text, #text, p{  
    color:rgb(167, 174, 124)  
}
```

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(167, 174, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 174, 124) }
```

Border

The CSS property to change the border of an element to Yxy 39.9428, 0.3485, 0.4010 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(167, 174, 124) }
```

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

```
.border{ border-color:rgb(167, 174, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 174, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 174, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 174, 124);  
box-shadow:4px 4px 4px 4px rgb(167, 174,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9428, 0.3485, 0.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 174, 124) }
```

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

```
.background{ background-color: rgb(167,  
174, 124) }
```

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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