

Converting Colors

$Yxy(34.8466, 0.3424, 0.3819)$

Have a look what the booklet for
Yxy(34.8466, 0.3424, 0.3819)
contains.

Yxy(34.8466, 0.3424, 0.3819)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.8466, 0.3424, 0.3819)

Conversions

Conversions Part 1

Format	Color
Hex	A0A27F
RGB	160, 162, 127
RGB Percent	63%, 64%, 50%
CMY	0.3727, 0.3646, 0.5020
CMYK	0.01, 0.00, 0.22, 0.36
HSL	64°, 16%, 57%
HSV	64°, 22%, 64%
XYZ	31.2424, 34.8466, 25.1563
YIQ	157.4120, 10.0430, -11.3090

Conversions

Conversions Part 2

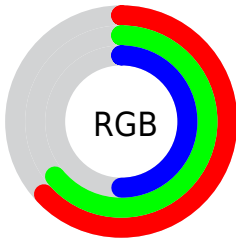
Format	Color
RYB	127, 162, 129
Decimal	10527359
CIELab	65.63, -6.78, 18.02
CIELCh	66, 19.251, 110.624
Yxy	34.8466, 0.3424, 0.3819
Android (android.graphics.Color)	4288717439 (0xFFA0A27F)
YUV	157.4120, -14.9931, 2.2697
Hunter-Lab	59.0310, -8.8324, 16.0550

Details

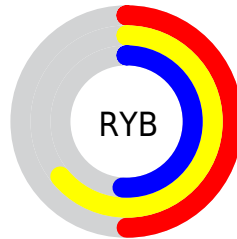
The Yxy color **34.8466, 0.3424, 0.3819** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.4580, 0.2794, 0.2708**, and the grayscale version is **33.9760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3681, 0.3367, 0.3714**, and **14.8901, 0.3511, 0.3980** is the 20% darker color. If you saturate the color by 10%, you get **34.3616, 0.3561, 0.4068**, and if you desaturate by 10%, it is **35.4034, 0.3285, 0.3570**.

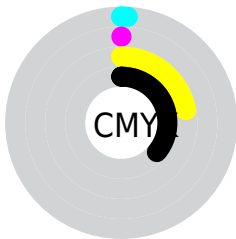
Distribution



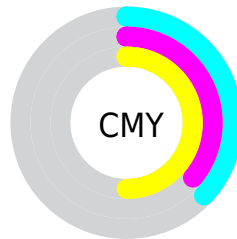
- Red (63%)
- Green (64%)
- Blue (50%)



- Red (50%)
- Yellow (64%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (36%)





- Cyan (37%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.8466, 0.3424, 0.3819 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 34.8466, 0.3424, 0.3819 by changing the saturation by 10% instead.


 34.8466, 0.3424,
0.3819


 34.8466, 0.3424,
0.3819


323.8907, 0.3271,
0.3538

 23.5447, 0.3463,
0.3895


 67.2481, 0.3368,
0.3713

 14.9962, 0.3514,
0.3995


 89.1164, 0.3347,
0.3674

 8.8168, 0.3581,
0.4134


 115.2758, 0.3329,
0.3642

 4.6218, 0.3675,
0.4340

146.1105, 0.3314,
0.3615

 2.0271, 0.3841,
0.4709

182.0049, 0.3301,
0.3592

 0.6232, 0.4065,
0.5935

223.3435, 0.3290,

 0.0000, 0.0000,

0.3571

0.0000

270.5107, 0.3280,
0.3554

■ 34.8466, 0.3424,
0.3819

■ 34.8466, 0.3424,
0.3819

■ 34.3616, 0.3561,
0.4068

■ 35.4034, 0.3285,
0.3570

■ 33.9405, 0.3692,
0.4309

■ 36.0303, 0.3149,
0.3328

■ 33.5813, 0.3811,
0.4532

■ 36.7318, 0.3018,
0.3097

■ 33.2802, 0.3913,
0.4729

■ 37.5105, 0.2894,
0.2881

■ 33.0330, 0.3994,
0.4890

■ 38.3690, 0.2778,
0.2681

■ 32.8347, 0.4049,
0.5011

■ 39.3098, 0.2672,
0.2497

■ 32.6795, 0.4080,
0.5090

■ 40.3351, 0.2575,
0.2330

■ 32.5715, 0.4092,
0.5133

■ 41.3431, 0.2495,
0.2193

■ 41.4474, 0.2502,
0.2195

Harmonies

Analogous

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



34.8466, 0.3641, 0.3730



34.8466, 0.3424, 0.3819



34.8466, 0.3134, 0.3754

Triad

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



34.8466, 0.3424, 0.3819



34.8466, 0.2570, 0.3006



34.8466, 0.3397, 0.3052

Complementary

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



34.8466, 0.3424, 0.3819



22.4580, 0.2794, 0.2708

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.



34.8466, 0.3098, 0.2879



34.8466, 0.3424, 0.3819



34.8466, 0.2631, 0.2843

Square

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



34.8466, 0.3424, 0.3819



34.8466, 0.2648, 0.3262



34.8466, 0.2820, 0.2802



34.8466, 0.3628, 0.3286

Rectangle

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



34.8466, 0.3424, 0.3819



34.8466, 0.2940, 0.3626



34.8466, 0.2820, 0.2802



34.8466, 0.3300, 0.2986

Sweetspot

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



34.8481, 0.3424, 0.3819



64.8683, 0.3210, 0.3436



24.8493, 0.3546, 0.3319



14.5535, 0.3218, 0.3451



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.8481, 0.3424, 0.3819



62.8049, 0.3491, 0.3941



33.1963, 0.3251, 0.3849



8.2160, 0.3253, 0.3513



25.6617, 0.4093, 0.5132



0.5451, 0.4132, 0.5101

Inverse Universe

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



22.4580, 0.2794, 0.2708



36.1796, 0.2707, 0.2557



23.9216, 0.2977, 0.2738



6.8788, 0.2995, 0.3058



2.1101, 0.1524, 0.0613



0.0499, 0.1636, 0.0675

Previews

White Background



This preview shows how the Yxy color 34.8466, 0.3424, 0.3819 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 34.8466, 0.3424, 0.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

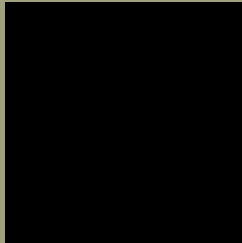
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

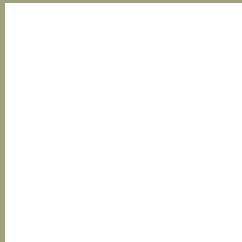
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8466, 0.3424, 0.3819

Background



This preview shows how black text looks on a background with the Yxy color 34.8466, 0.3424, 0.3819.



This preview shows how white text looks on a background with the Yxy color 34.8466, 0.3424, 0.3819.

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

34.8466, 0.3424, 0.3819

Protanopia

34.8487, 0.3546, 0.3774

Deuteranopia

34.6817, 0.3697, 0.3626



Tritanopia

34.7485, 0.3107, 0.3104

Trichromacy



Original Color

34.8466, 0.3424, 0.3819

Protanomaly

34.7550, 0.3501, 0.3795

Deuteranomaly

34.5656, 0.3600, 0.3694

Tritanomaly

34.6793, 0.3222, 0.3349

Monochromacy



Original Color

34.8466, 0.3424, 0.3819

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.1407, 0.3235, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8466, 0.3424, 0.3819 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, 162, 127)` looks like.

```
.text, #text, p{  
    color:rgb(160, 162, 127)  
}
```

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, 162, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 162, 127) }
```

Border

The CSS property to change the border of an element to Yxy 34.8466, 0.3424, 0.3819 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, 162, 127) }
```

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

```
.border{ border-color:rgb(160, 162, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 162, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 162, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 162, 127);  
box-shadow:4px 4px 4px 4px rgb(160, 162,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8466, 0.3424, 0.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 162, 127) }
```

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

```
.background{ background-color: rgb(160,  
162, 127) }
```

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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