

Converting Colors

$Yxy(39.9907, 0.3326, 0.3997)$

Have a look what the booklet for
Yxy(39.9907, 0.3326, 0.3997)
contains.

Yxy(39.9978, 0.3322, 0.4002)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.9978, 0.3322, 0.4002)

Conversions

Conversions Part 1

Format	Color
Hex	9BB181
RGB	155, 177, 129
RGB Percent	61%, 69%, 51%
CMY	0.3922, 0.3059, 0.4940
CMYK	0.12, 0.00, 0.27, 0.31
HSL	88°, 24%, 60%
HSV	88°, 27%, 69%
XYZ	33.2016, 39.9978, 26.7452
YIQ	164.9500, 2.2960, -19.5920

Conversions

Conversions Part 2

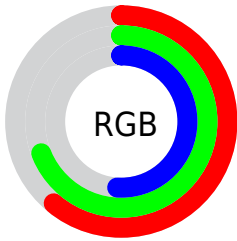
Format	Color
RYB	129, 177, 151
Decimal	10203521
CIELab	69.47, -16.26, 22.10
CIElCh	69, 27.441, 126.339
Yxy	39.9978, 0.3322, 0.4002
Android (android.graphics.Color)	4288393601 (0xFF9BB181)
YUV	164.9500, -17.7233, -8.7261
Hunter-Lab	63.2438, -16.9682, 19.1975

Details

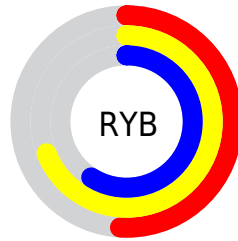
The Yxy color **39.9978, 0.3322, 0.4002** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.4625, 0.2884, 0.2571**, and the grayscale version is **37.6880, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3569, 0.3291, 0.3866**, and **17.8634, 0.3370, 0.4236** is the 20% darker color. If you saturate the color by 10%, you get **38.7922, 0.3386, 0.4290**, and if you desaturate by 10%, it is **41.3425, 0.3252, 0.3724**.

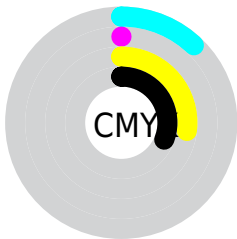
Distribution



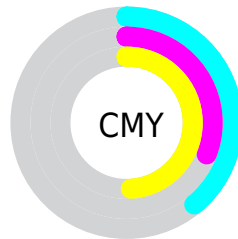
- Red (61%)
- Green (69%)
- Blue (51%)



- Red (51%)
- Yellow (69%)
- Blue (59%)



- Cyan (12%)
- Magenta (0%)
- Yellow (27%)
- Black (31%)



- Cyan (39%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9978, 0.3322, 0.4002 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 39.9978, 0.3322, 0.4002 by changing the saturation by 10% instead.

 39.9978, 0.3322,
0.4002


 39.9978, 0.3322,
0.4002


346.1143, 0.3229,
0.3626


 27.5368, 0.3343,
0.4102


 75.1602, 0.3290,
0.3861

 17.9768, 0.3368,
0.4234


 98.6303, 0.3277,
0.3809

 10.9333, 0.3398,
0.4416


 126.5391, 0.3266,
0.3766

 6.0220, 0.3431,
0.4682

159.2707, 0.3257,
0.3730

 2.8585, 0.3463,
0.5106

197.2096, 0.3249,
0.3698

 1.0583, 0.3615,
0.6385

240.7403, 0.3241,

 0.0000, 0.0000,

0.3671

0.0000

290.2470, 0.3235,
0.3647

■ 39.9978, 0.3322,
0.4002

■ 39.9978, 0.3322,
0.4002

■ 38.7922, 0.3386,
0.4290

■ 41.3425, 0.3252,
0.3724

■ 37.7152, 0.3441,
0.4581

■ 42.8259, 0.3179,
0.3464

■ 36.7628, 0.3482,
0.4861


■ 44.4546, 0.3106,
0.3223

■ 35.9289, 0.3503,
0.5119

■ 46.2327, 0.3036,
0.3003

■ 35.2067, 0.3504,
0.5339


■ 48.1647, 0.2968,
0.2804


 34.5881, 0.3481,
0.5511

 50.2544, 0.2904,
0.2626

 34.0625, 0.3439,
0.5631

 52.5058, 0.2844,
0.2467

 33.9224, 0.3426,
0.5662

 53.8751, 0.2892,
0.2462

 55.1728, 0.2954,
0.2477

Harmonies

Analogous

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



39.9978, 0.3685, 0.3974



39.9978, 0.3322, 0.4002



39.9978, 0.2922, 0.3800

Triad

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



39.9978, 0.3322, 0.4002



39.9978, 0.2401, 0.2767



39.9978, 0.3679, 0.3124

Complementary

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



39.9978, 0.3322, 0.4002



25.4625, 0.2884, 0.2571

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.



39.9978, 0.3301, 0.2849



39.9978, 0.3322, 0.4002



39.9978, 0.2573, 0.2641

Square

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



39.9978, 0.3322, 0.4002



39.9978, 0.2407, 0.3049



39.9978, 0.2895, 0.2675



39.9978, 0.3905, 0.3450

Rectangle

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



39.9978, 0.3322, 0.4002



39.9978, 0.2688, 0.3566



39.9978, 0.2895, 0.2675



39.9978, 0.3564, 0.3024

Sweetspot

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



39.9995, 0.3322, 0.4002



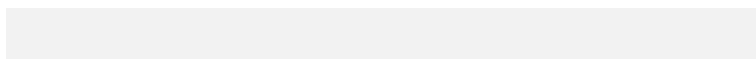
76.4101, 0.3186, 0.3489



32.9420, 0.3620, 0.3603



16.4714, 0.3197, 0.3527



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.



39.9995, 0.3322, 0.4002



70.2104, 0.3365, 0.4187



37.8907, 0.3112, 0.4050



9.7090, 0.3195, 0.3520



24.6127, 0.3433, 0.5656



0.8086, 0.3642, 0.5490

Inverse Universe

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



25.4625, 0.2884, 0.2571



39.4751, 0.2812, 0.2382



27.9484, 0.3132, 0.2623



8.4147, 0.3054, 0.3060



3.6092, 0.1960, 0.0853



0.1484, 0.2286, 0.1033

Previews

White Background



This preview shows how the Yxy color 39.9978, 0.3322, 0.4002 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 39.9978, 0.3322, 0.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

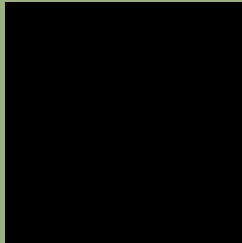
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9978, 0.3322, 0.4002

Background



This preview shows how black text looks on a background with the Yxy color 39.9978, 0.3322, 0.4002.



This preview shows how white text looks on a background with the Yxy color 39.9978, 0.3322, 0.4002.

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

39.9978, 0.3322, 0.4002

Protanopia

39.8274, 0.3632, 0.3884

Deuteranopia

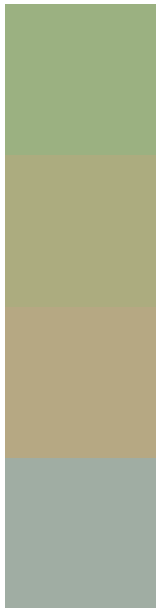
39.8661, 0.3762, 0.3698



Tritanopia

39.9549, 0.2959, 0.3110

Trichromacy



Original Color

39.9978, 0.3322, 0.4002

Protanomaly

39.8080, 0.3514, 0.3930

Deuteranomaly

39.5890, 0.3591, 0.3802

Tritanomaly

40.0051, 0.3094, 0.3433

Monochromacy



Original Color

39.9978, 0.3322, 0.4002

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.2200, 0.3198, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9978, 0.3322, 0.4002 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(155, 177, 129)` looks like.

```
.text, #text, p{  
    color:rgb(155, 177, 129)  
}
```

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(155, 177, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 177, 129) }
```

Border

The CSS property to change the border of an element to Yxy 39.9978, 0.3322, 0.4002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

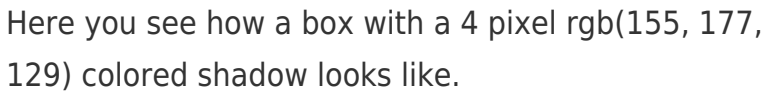
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 177, 129) }
```

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

```
.border{ border-color:rgb(155, 177, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 177, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 177, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 177, 129);  
box-shadow:4px 4px 4px 4px rgb(155, 177,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9978, 0.3322, 0.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 177, 129) }
```

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

```
.background{ background-color: rgb(155,  
177, 129) }
```

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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