

Converting Colors

$Yxy(40.0891, 0.3314, 0.3796)$

Have a look what the booklet for
Yxy(40.0891, 0.3314, 0.3796)
contains.

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Color

Yxy(39.9521, 0.3312, 0.3783)

Conversions

Conversions Part 1

Format	Color
Hex	A3AE8C
RGB	163, 174, 140
RGB Percent	64%, 68%, 55%
CMY	0.3607, 0.3177, 0.4510
CMYK	0.06, 0.00, 0.20, 0.32
HSL	79°, 17%, 62%
HSV	79°, 20%, 68%
XYZ	34.9779, 39.9521, 30.6796
YIQ	166.8350, 4.3580, -12.9060

Conversions

Conversions Part 2

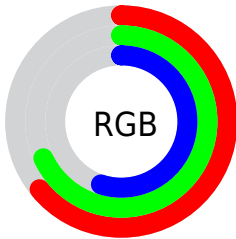
Format	Color
RYB	140, 174, 151
Decimal	10727052
CIELab	69.44, -9.95, 16.19
CIELCh	69, 18.999, 121.580
Yxy	39.9521, 0.3312, 0.3783
Android (android.graphics.Color)	4288917132 (0xFFA3AE8C)
YUV	166.8350, -13.2297, -3.3633
Hunter-Lab	63.2077, -11.8350, 15.4673

Details

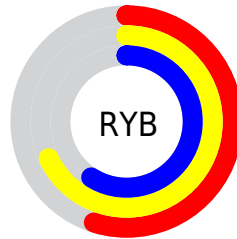
The Yxy color **39.9521, 0.3312, 0.3783** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.3898, 0.2916, 0.2780**, and the grayscale version is **38.6258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8391, 0.3277, 0.3678**, and **18.0368, 0.3358, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **38.9006, 0.3404, 0.4054**, and if you desaturate by 10%, it is **41.1146, 0.3217, 0.3523**.

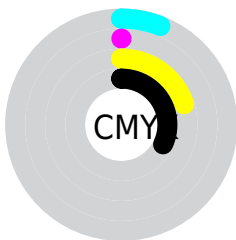
Distribution



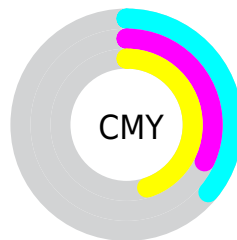
- Red (64%)
- Green (68%)
- Blue (55%)



- Red (55%)
- Yellow (68%)
- Blue (59%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (32%)





- Cyan (36%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9521, 0.3312, 0.3783 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 39.9521, 0.3312, 0.3783 by changing the saturation by 10% instead.


 39.9521, 0.3312,
0.3783


 39.9521, 0.3312,
0.3783


345.9216, 0.3220,
0.3525

 27.5012, 0.3334,
0.3851


 75.0906, 0.3279,
0.3687

 17.9500, 0.3363,
0.3941


 98.5469, 0.3266,
0.3651

 10.9141, 0.3400,
0.4064


 126.4406, 0.3256,
0.3622

 6.0091, 0.3449,
0.4243

159.1559, 0.3247,
0.3597

 2.8506, 0.3515,
0.4527

197.0772, 0.3239,
0.3575

 1.0542, 0.4143,
0.5825

240.5890, 0.3232,

 0.0000, 0.0000,

0.3556

0.0000

290.0757, 0.3226,
0.3540

■ 39.9521, 0.3312,
0.3783

■ 39.9521, 0.3312,
0.3783

■ 38.9006, 0.3404,
0.4054

■ 41.1146, 0.3217,
0.3523

■ 37.9508, 0.3490,
0.4328

■ 42.3867, 0.3123,
0.3279

■ 37.0998, 0.3565,
0.4597

■ 43.7738, 0.3031,
0.3053

■ 36.3429, 0.3624,
0.4849

■ 45.2795, 0.2944,
0.2846

■ 35.6747, 0.3663,
0.5072

■ 46.9070, 0.2862,
0.2658

■ 35.0892, 0.3678,
0.5256

■ 48.6596, 0.2786,
0.2488

■ 34.5794, 0.3668,
0.5393

■ 50.0944, 0.2758,
0.2397

■ 34.1314, 0.3639,
0.5490

■ 50.8938, 0.2800,
0.2408

■ 34.1115, 0.3637,
0.5494

■ 51.7220, 0.2842,
0.2418

Harmonies

Analogous

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



39.9521, 0.3550, 0.3751



39.9521, 0.3312, 0.3783



39.9521, 0.3032, 0.3667

Triad

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



39.9521, 0.3312, 0.3783



39.9521, 0.2606, 0.2954



39.9521, 0.3473, 0.3142

Complementary

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



39.9521, 0.3312, 0.3783



28.3898, 0.2916, 0.2780

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.



39.9521, 0.3205, 0.2952



39.9521, 0.3312, 0.3783



39.9521, 0.2711, 0.2840

Square

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



39.9521, 0.3312, 0.3783



39.9521, 0.2632, 0.3169



39.9521, 0.2926, 0.2842



39.9521, 0.3648, 0.3374

Rectangle

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



39.9521, 0.3312, 0.3783



39.9521, 0.2859, 0.3520



39.9521, 0.2926, 0.2842



39.9521, 0.3390, 0.3072

Sweetspot

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



39.9538, 0.3312, 0.3783



75.3493, 0.3185, 0.3438



32.9505, 0.3475, 0.3447



16.7152, 0.3191, 0.3453



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.



39.9538, 0.3312, 0.3783



71.7130, 0.3348, 0.3887



38.2972, 0.3158, 0.3807



9.1987, 0.3215, 0.3517



24.7752, 0.3644, 0.5489



0.7170, 0.3817, 0.5351

Inverse Universe

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



28.3898, 0.2916, 0.2780



47.2607, 0.2867, 0.2668



30.1120, 0.3085, 0.2805



7.8780, 0.3034, 0.3059



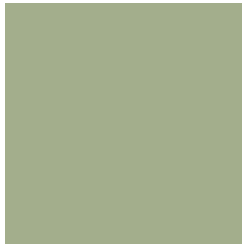
2.8585, 0.1745, 0.0735



0.1095, 0.2106, 0.0934

Previews

White Background



This preview shows how the Yxy color 39.9521, 0.3312, 0.3783 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 39.9521, 0.3312, 0.3783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

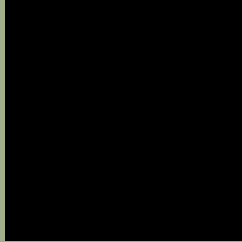
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

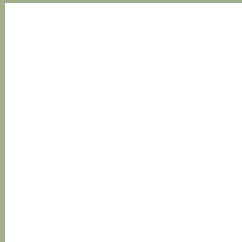
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.9521, 0.3312, 0.3783

Background



This preview shows how black text looks on a background with the Yxy color 39.9521, 0.3312, 0.3783.



This preview shows how white text looks on a background with the Yxy color 39.9521, 0.3312, 0.3783.

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

39.9521, 0.3312, 0.3783

Protanopia

39.7946, 0.3495, 0.3722

Deuteranopia

39.7495, 0.3635, 0.3569



Tritanopia

39.8177, 0.3020, 0.3098

Trichromacy



Original Color

39.9521, 0.3312, 0.3783

Protanomaly

39.8741, 0.3422, 0.3743

Deuteranomaly

39.6278, 0.3513, 0.3648

Tritanomaly

39.7550, 0.3125, 0.3332

Monochromacy



Original Color

39.9521, 0.3312, 0.3783

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.2908, 0.3201, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9521, 0.3312, 0.3783 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(163, 174, 140)` looks like.

```
.text, #text, p{  
    color:rgb(163, 174, 140)  
}
```

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(163, 174, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 174, 140) }
```

Border

The CSS property to change the border of an element to Yxy 39.9521, 0.3312, 0.3783 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(163, 174, 140) }
```

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

```
.border{ border-color:rgb(163, 174, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 174, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 174, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 174, 140);  
box-shadow:4px 4px 4px 4px rgb(163, 174,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9521, 0.3312, 0.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 174, 140) }
```

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

```
.background{ background-color: rgb(163,  
174, 140) }
```

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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