

Converting Colors

$Yxy(39.8368, 0.3378, 0.4032)$

Have a look what the booklet for
Yxy(39.8368, 0.3378, 0.4032)
contains.

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Color

Yxy(39.8261, 0.3377, 0.4028)

Conversions

Conversions Part 1

Format	Color
Hex	9EB07E
RGB	158, 176, 126
RGB Percent	62%, 69%, 49%
CMY	0.3804, 0.3098, 0.5060
CMYK	0.10, 0.00, 0.28, 0.31
HSL	82°, 24%, 59%
HSV	82°, 28%, 69%
XYZ	33.3895, 39.8261, 25.6576
YIQ	164.9180, 5.3220, -19.3660

Conversions

Conversions Part 2

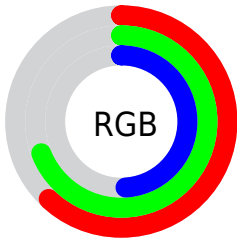
Format	Color
R _Y B	126, 176, 144
Decimal	10399870
CIE Lab	69.35, -15.07, 23.61
CIE LCh	69, 28.013, 122.544
Yxy	39.8261, 0.3377, 0.4028
Android (android.graphics.Color)	4288589950 (0xFF9EB07E)
YUV	164.9180, -19.1866, -6.0671
Hunter-Lab	63.1079, -15.9972, 20.0702

Details

The Yxy color **39.8261, 0.3377, 0.4028** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.9791, 0.2819, 0.2522**, and the grayscale version is **37.6767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1140, 0.3333, 0.3886**, and **17.7519, 0.3446, 0.4268** is the 20% darker color. If you saturate the color by 10%, you get **38.7867, 0.3457, 0.4307**, and if you desaturate by 10%, it is **40.9821, 0.3290, 0.3756**.

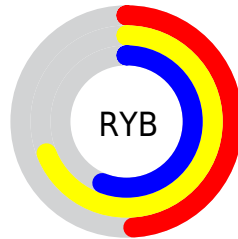
Distribution



Red (62%)

Green (69%)

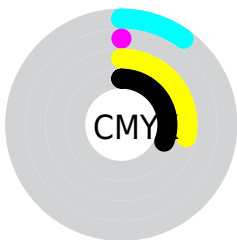
Blue (49%)



Red (49%)

Yellow (69%)

Blue (56%)

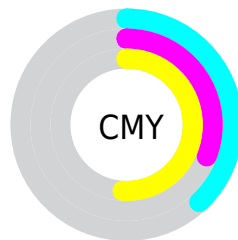


Cyan (10%)

Magenta (0%)

Yellow (28%)

Black (31%)



Cyan (38%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8261, 0.3377, 0.4028 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 39.8261, 0.3377, 0.4028 by changing the saturation by 10% instead.


 39.8261, 0.3377,
0.4028


 39.8261, 0.3377,
0.4028


345.3901, 0.3256,
0.3639


 27.4030, 0.3405,
0.4131


 74.8986, 0.3335,
0.3882

 17.8761, 0.3439,
0.4267


 98.3168, 0.3318,
0.3829

 10.8611, 0.3480,
0.4453


 126.1689, 0.3304,
0.3784

 5.9735, 0.3529,
0.4723

158.8391, 0.3292,
0.3746

 2.8290, 0.3592,
0.5165

196.7119, 0.3281,
0.3714

 1.0431, 0.3711,
0.6289

240.1718, 0.3272,

 0.0000, 0.0000,

0.3686

0.0000

289.6030, 0.3264,
0.3661

■ 39.8261, 0.3377,
0.4028

■ 39.8261, 0.3377,
0.4028

■ 38.7867, 0.3457,
0.4307

■ 40.9821, 0.3290,
0.3756

■ 37.8539, 0.3527,
0.4582

■ 42.2539, 0.3202,
0.3496

■ 37.0244, 0.3582,
0.4844

■ 43.6471, 0.3113,
0.3253

■ 36.2927, 0.3617,
0.5078


■ 45.1659, 0.3028,
0.3029


■ 35.6524, 0.3628,
0.5274


■ 46.8137, 0.2946,
0.2825

 35.0964, 0.3616,
0.5423

 48.5942, 0.2869,
0.2641

 34.6125, 0.3582,
0.5527

 50.5107, 0.2798,
0.2474

 34.5402, 0.3577,
0.5542

 51.7841, 0.2807,
0.2431

 52.7252, 0.2854,
0.2442

Harmonies

Analogous

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



39.8261, 0.3735, 0.3970



39.8261, 0.3377, 0.4028



39.8261, 0.2967, 0.3851

Triad

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



39.8261, 0.3377, 0.4028



39.8261, 0.2376, 0.2783



39.8261, 0.3649, 0.3081

Complementary

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



39.8261, 0.3377, 0.4028



23.9791, 0.2819, 0.2522

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.



39.8261, 0.3250, 0.2811



39.8261, 0.3377, 0.4028



39.8261, 0.2529, 0.2634

Square

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



39.8261, 0.3377, 0.4028



39.8261, 0.2406, 0.3089



39.8261, 0.2841, 0.2650



39.8261, 0.3906, 0.3410

Rectangle

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



39.8261, 0.3377, 0.4028



39.8261, 0.2720, 0.3622



39.8261, 0.2841, 0.2650



39.8261, 0.3525, 0.2982

Sweetspot

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



39.8278, 0.3377, 0.4028



76.4510, 0.3208, 0.3514



30.5284, 0.3668, 0.3548



16.4945, 0.3221, 0.3551



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.



39.8278, 0.3377, 0.4028



71.0390, 0.3428, 0.4200



37.5852, 0.3154, 0.4082



9.7506, 0.3210, 0.3519



25.3742, 0.3583, 0.5537



0.8298, 0.3758, 0.5398

Inverse Universe

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



23.9791, 0.2819, 0.2522



37.6211, 0.2735, 0.2335



26.4308, 0.3078, 0.2579



8.3741, 0.3039, 0.3059



3.1147, 0.1797, 0.0763



0.1316, 0.2135, 0.0950

Previews

White Background



This preview shows how the Yxy color 39.8261, 0.3377, 0.4028 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 39.8261, 0.3377, 0.4028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

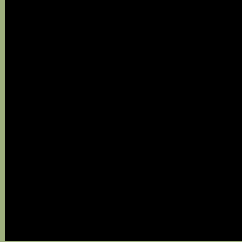
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8261, 0.3377, 0.4028

Background



This preview shows how black text looks on a background with the Yxy color 39.8261, 0.3377, 0.4028.



This preview shows how white text looks on a background with the Yxy color 39.8261, 0.3377, 0.4028.

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

39.8261, 0.3377, 0.4028

Protanopia

39.7511, 0.3659, 0.3925

Deuteranopia

39.5678, 0.3805, 0.3723



Tritanopia

39.8603, 0.2993, 0.3111

Trichromacy



Original Color

39.8261, 0.3377, 0.4028

Protanomaly

39.8445, 0.3550, 0.3971

Deuteranomaly

39.3863, 0.3642, 0.3827

Tritanomaly

39.9002, 0.3129, 0.3432

Monochromacy



Original Color

39.8261, 0.3377, 0.4028

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.2917, 0.3216, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8261, 0.3377, 0.4028 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(158, 176, 126)` looks like.

```
.text, #text, p{  
    color:rgb(158, 176, 126)  
}
```

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(158, 176, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 176, 126) }
```

Border

The CSS property to change the border of an element to Yxy 39.8261, 0.3377, 0.4028 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(158, 176, 126) }
```

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

```
.border{ border-color:rgb(158, 176, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 176, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 176, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 176, 126);  
box-shadow:4px 4px 4px 4px rgb(158, 176,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8261, 0.3377, 0.4028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 176, 126) }
```

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

```
.background{ background-color: rgb(158,  
176, 126) }
```

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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