

Converting Colors

$Yxy(35.2513, 0.3389, 0.3852)$

Have a look what the booklet for
Yxy(35.2513, 0.3389, 0.3852)
contains.

Yxy(35.2513, 0.3389, 0.3852)	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(35.2513, 0.3389, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	9DA47F
RGB	157, 164, 127
RGB Percent	62%, 64%, 50%
CMY	0.3842, 0.3569, 0.5019
CMYK	0.04, 0.00, 0.23, 0.36
HSL	71°, 17%, 57%
HSV	71°, 23%, 64%
XYZ	31.0142, 35.2513, 25.2488
YIQ	157.6890, 7.7050, -12.9910

Conversions

Conversions Part 2

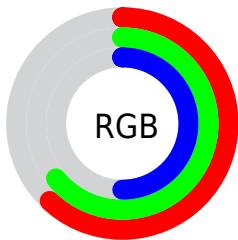
Format	Color
RYB	127, 164, 134
Decimal	10331263
CIELab	65.94, -8.98, 18.41
CIELCh	66, 20.483, 116.003
Yxy	35.2513, 0.3389, 0.3852
Android (android.graphics.Color)	4288521343 (0xFF9DA47F)
YUV	157.6890, -15.1297, -0.6043
Hunter-Lab	59.3728, -10.6605, 16.3474

Details

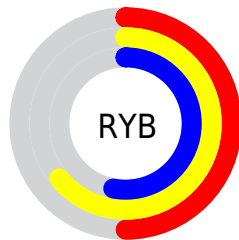
The Yxy color **35.2513, 0.3389, 0.3852** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.9263, 0.2827, 0.2687**, and the grayscale version is **34.1132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9554, 0.3340, 0.3738**, and **15.1417, 0.3458, 0.4029** is the 20% darker color. If you saturate the color by 10%, you get **34.5523, 0.3503, 0.4112**, and if you desaturate by 10%, it is **36.0309, 0.3272, 0.3596**.

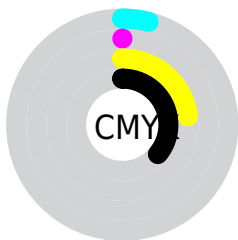
Distribution



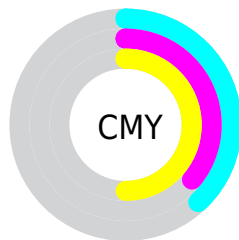
- Red (62%)
- Green (64%)
- Blue (50%)



- Red (50%)
- Yellow (64%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (23%)
- Black (36%)





- Cyan (38%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2513, 0.3389, 0.3852 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 35.2513, 0.3389, 0.3852 by changing the saturation by 10% instead.

 35.2513, 0.3389,
0.3852


 35.2513, 0.3389,
0.3852


325.6762, 0.3256,
0.3553


 23.8565, 0.3423,
0.3933


 67.8749, 0.3340,
0.3739

 15.2272, 0.3466,
0.4040


 89.8725, 0.3322,
0.3698

 8.9790, 0.3522,
0.4190


 116.1731, 0.3307,
0.3663

 4.7275, 0.3599,
0.4412

147.1613, 0.3293,
0.3634

 2.0883, 0.3732,
0.4807

183.2212, 0.3282,
0.3610

 0.6580, 0.3817,
0.6183

224.7374, 0.3272,

 0.0000, 0.0000,

0.3588

0.0000

272.0943, 0.3263,
0.3569

■ 35.2513, 0.3389,
0.3852

■ 35.2513, 0.3389,
0.3852

■ 34.5523, 0.3503,
0.4112

■ 36.0309, 0.3272,
0.3596

■ 33.9258, 0.3610,
0.4368

■ 36.8896, 0.3156,
0.3351

■ 33.3697, 0.3704,
0.4610

■ 37.8320, 0.3044,
0.3119

■ 32.8798, 0.3781,
0.4829

■ 38.8608, 0.2937,
0.2904

■ 32.4518, 0.3836,
0.5014

■ 39.9789, 0.2837,
0.2707

■ 32.0804, 0.3867,
0.5158

■ 41.1888, 0.2744,
0.2526

■ 31.7596, 0.3873,
0.5258

■ 42.4929, 0.2658,
0.2363

■ 31.5430, 0.3867,
0.5312

■ 43.6857, 0.2598,
0.2245

■ 44.0657, 0.2620,
0.2251

Harmonies

Analogous

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



35.2513, 0.3639, 0.3783



35.2513, 0.3389, 0.3852



35.2513, 0.3077, 0.3753

Triad

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



35.2513, 0.3389, 0.3852



35.2513, 0.2539, 0.2949



35.2513, 0.3465, 0.3079

Complementary

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



35.2513, 0.3389, 0.3852



22.9263, 0.2827, 0.2687

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.



35.2513, 0.3154, 0.2882



35.2513, 0.3389, 0.3852



35.2513, 0.2629, 0.2800

Square

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



35.2513, 0.3389, 0.3852



35.2513, 0.2595, 0.3206



35.2513, 0.2849, 0.2780



35.2513, 0.3689, 0.3332

Rectangle

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



35.2513, 0.3389, 0.3852



35.2513, 0.2877, 0.3601



35.2513, 0.2849, 0.2780



35.2513, 0.3366, 0.3005

Sweetspot

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



35.2529, 0.3389, 0.3852



66.2316, 0.3209, 0.3461



26.4156, 0.3553, 0.3396



14.4609, 0.3215, 0.3475



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.



35.2529, 0.3389, 0.3852



63.3453, 0.3446, 0.3981



33.5472, 0.3209, 0.3885



8.1695, 0.3234, 0.3514



24.2058, 0.3870, 0.5309



0.5250, 0.3995, 0.5210

Inverse Universe

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



22.9263, 0.2827, 0.2687



37.0101, 0.2749, 0.2537



24.5625, 0.3023, 0.2721



6.9212, 0.3015, 0.3060



2.2937, 0.1601, 0.0656



0.0649, 0.1911, 0.0826

Previews

White Background



This preview shows how the Yxy color 35.2513, 0.3389, 0.3852 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 35.2513, 0.3389, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

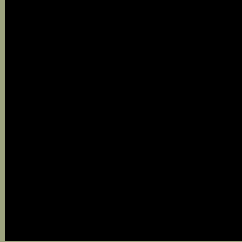
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

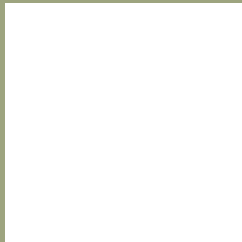
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.2513, 0.3389, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 35.2513, 0.3389, 0.3852.



This preview shows how white text looks on a background with the Yxy color 35.2513, 0.3389, 0.3852.

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

35.2513, 0.3389, 0.3852

Protanopia

35.2802, 0.3563, 0.3801

Deuteranopia

35.1353, 0.3704, 0.3638



Tritanopia

35.1805, 0.3060, 0.3104

Trichromacy



Original Color

35.2513, 0.3389, 0.3852

Protanomaly

35.1031, 0.3498, 0.3809

Deuteranomaly

35.1262, 0.3583, 0.3723

Tritanomaly

35.0852, 0.3182, 0.3364

Monochromacy



Original Color

35.2513, 0.3389, 0.3852

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.5173, 0.3225, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2513, 0.3389, 0.3852 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(157, 164, 127)` looks like.

```
.text, #text, p{  
    color:rgb(157, 164, 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(157, 164, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 164, 127) }
```

Border

The CSS property to change the border of an element to Yxy 35.2513, 0.3389, 0.3852 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(157, 164, 127) }
```

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

```
.border{ border-color:rgb(157, 164, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 164, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 164, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 164, 127);  
box-shadow:4px 4px 4px 4px rgb(157, 164,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2513, 0.3389, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 164, 127) }
```

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

```
.background{ background-color: rgb(157,  
164, 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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