

Converting Colors

$Yxy(35.0061, 0.3386, 0.3860)$

Have a look what the booklet for
Yxy(35.0061, 0.3386, 0.3860)
contains.

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Color

Yxy(35.1252, 0.3388, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	9CA47E
RGB	156, 164, 126
RGB Percent	61%, 64%, 49%
CMY	0.3881, 0.3569, 0.5058
CMYK	0.05, 0.00, 0.23, 0.36
HSL	73°, 17%, 57%
HSV	73°, 23%, 64%
XYZ	30.7584, 35.1252, 24.9027
YIQ	157.2760, 7.4300, -13.5140

Conversions

Conversions Part 2

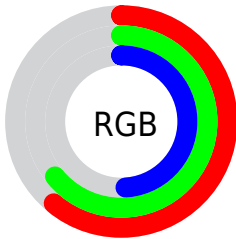
Format	Color
R_{YB}	126, 164, 134
Decimal	10265726
CIE Lab	65.85, -9.51, 18.80
CIE LCh	66, 21.072, 116.820
Yxy	35.1252, 0.3388, 0.3869
Android (android.graphics.Color)	4288455806 (0xFF9CA47E)
YUV	157.2760, -15.4191, -1.1191
Hunter-Lab	59.2665, -11.0777, 16.5740

Details

The Yxy color **35.1252, 0.3388, 0.3869** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.6718, 0.2826, 0.2671**, and the grayscale version is **33.9199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7666, 0.3340, 0.3751**, and **15.0672, 0.3456, 0.4054** is the 20% darker color. If you saturate the color by 10%, you get **34.3996, 0.3498, 0.4131**, and if you desaturate by 10%, it is **35.9330, 0.3275, 0.3612**.

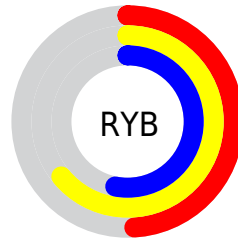
Distribution



Red (61%)

Green (64%)

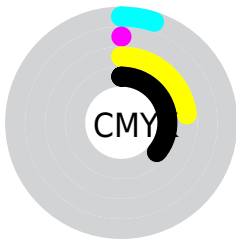
Blue (49%)



Red (49%)

Yellow (64%)

Blue (53%)

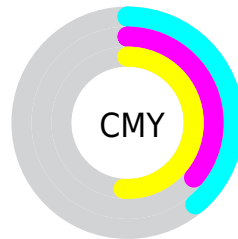


Cyan (5%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (39%)

Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1252, 0.3388, 0.3869 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 35.1252, 0.3388, 0.3869 by changing the saturation by 10% instead.


 35.1252, 0.3388,
0.3869


 35.1252, 0.3388,
0.3869


325.1206, 0.3255,
0.3560


 23.7593, 0.3421,
0.3953


 67.6797, 0.3340,
0.3752

 15.1552, 0.3464,
0.4064


 89.6371, 0.3321,
0.3710

 8.9284, 0.3520,
0.4219

 115.8938, 0.3306,
0.3674

 4.6945, 0.3594,
0.4448

146.8342, 0.3293,
0.3644

 2.0691, 0.3731,
0.4868

182.8427, 0.3282,
0.3619

 0.6472, 0.3718,
0.6282

224.3036, 0.3272,

 0.0000, 0.0000,

0.3597

0.0000

271.6015, 0.3263,
0.3577

■ 35.1252, 0.3388,
0.3869

■ 35.1252, 0.3388,
0.3869

■ 34.3996, 0.3498,
0.4131

■ 35.9330, 0.3275,
0.3612

■ 33.7481, 0.3600,
0.4389

■ 36.8215, 0.3162,
0.3365

■ 33.1685, 0.3690,
0.4634

■ 37.7954, 0.3053,
0.3133

■ 32.6567, 0.3762,
0.4855

■ 38.8574, 0.2948,
0.2917

■ 32.2082, 0.3813,
0.5042

■ 40.0105, 0.2850,
0.2719

■ 31.8176, 0.3838,
0.5187

■ 41.2570, 0.2759,
0.2539

■ 31.4789, 0.3839,
0.5288

■ 42.5996, 0.2675,
0.2376

■ 31.2669, 0.3831,
0.5340

■ 43.8974, 0.2610,
0.2248

■ 44.3251, 0.2635,
0.2255

Harmonies

Analogous

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



35.1252, 0.3649, 0.3801



35.1252, 0.3388, 0.3869



35.1252, 0.3066, 0.3762

Triad

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



35.1252, 0.3388, 0.3869



35.1252, 0.2522, 0.2932



35.1252, 0.3483, 0.3080

Complementary

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



35.1252, 0.3388, 0.3869



22.6718, 0.2826, 0.2671

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.



35.1252, 0.3163, 0.2875



35.1252, 0.3388, 0.3869



35.1252, 0.2619, 0.2783

Square

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



35.1252, 0.3388, 0.3869



35.1252, 0.2576, 0.3194



35.1252, 0.2848, 0.2767



35.1252, 0.3710, 0.3340

Rectangle

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



35.1252, 0.3388, 0.3869



35.1252, 0.2861, 0.3603



35.1252, 0.2848, 0.2767



35.1252, 0.3382, 0.3003

Sweetspot

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



35.1267, 0.3388, 0.3869



66.1854, 0.3207, 0.3462



26.3415, 0.3565, 0.3409



14.4500, 0.3213, 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.



35.1267, 0.3388, 0.3869



63.0420, 0.3448, 0.4009



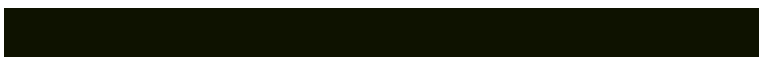
33.4077, 0.3205, 0.3904



8.1621, 0.3231, 0.3514



23.9974, 0.3834, 0.5338



0.5220, 0.3973, 0.5227

Inverse Universe

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



22.6718, 0.2826, 0.2671



36.2420, 0.2743, 0.2507



24.3395, 0.3027, 0.2706



6.9281, 0.3018, 0.3060



2.3377, 0.1620, 0.0666



0.0673, 0.1952, 0.0849

Previews

White Background



This preview shows how the Yxy color 35.1252, 0.3388, 0.3869 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 35.1252, 0.3388, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

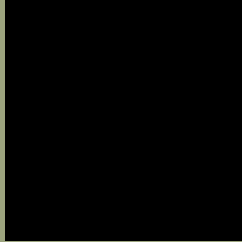
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

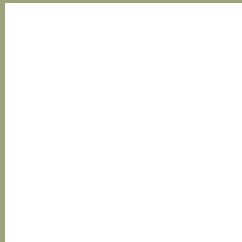
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.1252, 0.3388, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 35.1252, 0.3388, 0.3869.



This preview shows how white text looks on a background with the Yxy color 35.1252, 0.3388, 0.3869.

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

35.1252, 0.3388, 0.3869

Protanopia

35.1429, 0.3562, 0.3818

Deuteranopia

35.1088, 0.3714, 0.3652



Tritanopia

35.0754, 0.3050, 0.3103

Trichromacy



Original Color

35.1252, 0.3388, 0.3869

Protanomaly

34.9697, 0.3497, 0.3826

Deuteranomaly

35.1000, 0.3592, 0.3738

Tritanomaly

34.9818, 0.3172, 0.3364

Monochromacy



Original Color

35.1252, 0.3388, 0.3869

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.3850, 0.3224, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1252, 0.3388, 0.3869 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(156, 164, 126)` looks like.

```
.text, #text, p{  
    color:rgb(156, 164, 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(156, 164, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 164, 126) }
```

Border

The CSS property to change the border of an element to Yxy 35.1252, 0.3388, 0.3869 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(156, 164, 126) }
```

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

```
.border{ border-color:rgb(156, 164, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 164, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 164, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 164, 126);  
box-shadow:4px 4px 4px 4px rgb(156, 164,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1252, 0.3388, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 164, 126) }
```

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

```
.background{ background-color: rgb(156,  
164, 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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