

Converting Colors

$Yxy(35.8041, 0.3477, 0.4155)$

Have a look what the booklet for
Yxy(35.8041, 0.3477, 0.4155)
contains.

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Color

Yxy(35.9253, 0.3476, 0.4162)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 99A86F |
| RGB | 153, 168, 111 |
| RGB Percent | 60%, 66%, 44% |
| CMY | 0.4001, 0.3411, 0.5647 |
| CMYK | 0.09, 0.00, 0.34, 0.34 |
| HSL | 76°, 25%, 55% |
| HSV | 76°, 34%, 66% |
| XYZ | 30.0039, 35.9253, 20.3882 |
| YIQ | 157.0170, 9.3570, -20.9070 |

Conversions

Conversions Part 2

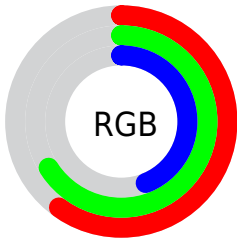
| Format | Color |
|-------------------------------------|---|
| RYB | 111, 168, 126 |
| Decimal | 10070127 |
| CIELab | 66.46, -15.00, 27.76 |
| CIELCh | 66, 31.549, 118.380 |
| Yxy | 35.9253, 0.3476, 0.4162 |
| Android (android.graphics.Color) | 4288260207 (0xFF99A86F) |
| YUV | 157.0170, -22.6864, -3.5229 |
| Hunter-Lab | 59.9377, -15.5366, 21.7886 |

Details

The Yxy color **35.9253, 0.3476, 0.4162** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.6322, 0.2686, 0.2343**, and the grayscale version is **33.8241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8296, 0.3418, 0.3986**, and **15.6053, 0.3566, 0.4459** is the 20% darker color. If you saturate the color by 10%, you get **35.1677, 0.3568, 0.4427**, and if you desaturate by 10%, it is **36.7717, 0.3376, 0.3895**.

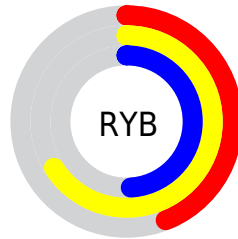
Distribution



Red (60%)

Green (66%)

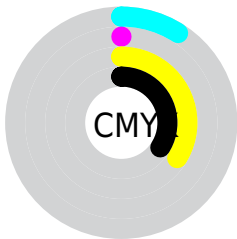
Blue (44%)



Red (44%)

Yellow (66%)

Blue (49%)

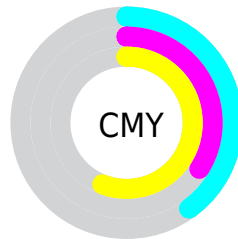


Cyan (9%)

Magenta (0%)

Yellow (34%)

Black (34%)



Cyan (40%)


Magenta (34%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9253, 0.3476, 0.4162 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 35.9253, 0.3476, 0.4162 by changing the saturation by 10% instead.


 35.9253, 0.3476,
0.4162


 35.9253, 0.3476,
0.4162


328.6339, 0.3305,
0.3696

 24.3765, 0.3516,
0.4287


 68.9168, 0.3415,
0.3986

 15.6132, 0.3564,
0.4453


 91.1282, 0.3392,
0.3922

 9.2508, 0.3622,
0.4681


 117.6627, 0.3372,
0.3868

 4.9051, 0.3685,
0.5010

 148.9045, 0.3355,
0.3823

 2.1917, 0.3987,
0.5895

185.2382, 0.3340,
0.3784

 0.7155, 0.3050,
0.6950

227.0481, 0.3327,

 0.0000, 0.0000,

0.3751

0.0000

274.7185, 0.3315,
0.3722

■ 35.9253, 0.3476,
0.4162

■ 35.9253, 0.3476,
0.4162

■ 35.1677, 0.3568,
0.4427

■ 36.7717, 0.3376,
0.3895

■ 34.4901, 0.3647,
0.4680

■ 37.7059, 0.3272,
0.3634

■ 33.8896, 0.3708,
0.4909

■ 38.7330, 0.3168,
0.3384


■ 33.3612, 0.3746,
0.5104


■ 39.8564, 0.3066,
0.3150

■ 32.8991, 0.3761,
0.5257

■ 41.0792, 0.2969,
0.2934

 32.4966, 0.3750,
0.5364

 42.4043, 0.2877,
0.2736

 32.2721, 0.3737,
0.5415

 43.8346, 0.2791,
0.2556

 45.3729, 0.2712,
0.2394

 46.5492, 0.2683,
0.2312

Harmonies

Analogous

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



35.9253, 0.3876, 0.4047



35.9253, 0.3476, 0.4162



35.9253, 0.3001, 0.3997

Triad

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



35.9253, 0.3476, 0.4162



35.9253, 0.2255, 0.2737



35.9253, 0.3677, 0.2998

Complementary

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



35.9253, 0.3476, 0.4162



18.6322, 0.2686, 0.2343

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.



35.9253, 0.3199, 0.2705



35.9253, 0.3476, 0.4162



35.9253, 0.2401, 0.2545

Square

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



35.9253, 0.3476, 0.4162



35.9253, 0.2316, 0.3110



35.9253, 0.2734, 0.2541



35.9253, 0.4010, 0.3367

Rectangle

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



35.9253, 0.3476, 0.4162



35.9253, 0.2707, 0.3741



35.9253, 0.2734, 0.2541



35.9253, 0.3526, 0.2889

Sweetspot

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



35.9269, 0.3476, 0.4162



69.0911, 0.3233, 0.3538



24.2031, 0.3829, 0.3513



15.0052, 0.3247, 0.3572



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.9269, 0.3476, 0.4162



64.0946, 0.3549, 0.4370



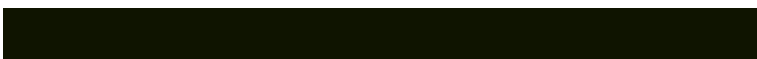
33.5360, 0.3208, 0.4241



8.6728, 0.3223, 0.3516



24.3922, 0.3742, 0.5411



0.6163, 0.3899, 0.5286

Inverse Universe

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



18.6322, 0.2686, 0.2343



27.7156, 0.2559, 0.2094



21.0403, 0.2999, 0.2424



7.3927, 0.3025, 0.3059



2.5666, 0.1674, 0.0696



0.0867, 0.2031, 0.0893

Previews

White Background



This preview shows how the Yxy color 35.9253, 0.3476, 0.4162 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 35.9253, 0.3476, 0.4162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

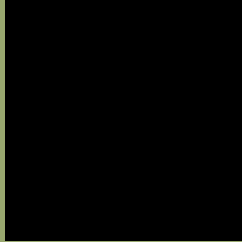
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9253, 0.3476, 0.4162

Background



This preview shows how black text looks on a background with the Yxy color 35.9253, 0.3476, 0.4162.



This preview shows how white text looks on a background with the Yxy color 35.9253, 0.3476, 0.4162.

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

35.9253, 0.3476, 0.4162

Protanopia

35.6864, 0.3759, 0.4049

Deuteranopia

35.8641, 0.3913, 0.3845



Tritanopia

35.7358, 0.3023, 0.3104

Trichromacy



Original Color

35.9253, 0.3476, 0.4162

Protanomaly

35.8705, 0.3652, 0.4097

Deuteranomaly

35.7988, 0.3749, 0.3958

Tritanomaly

35.6655, 0.3194, 0.3484

Monochromacy



Original Color

35.9253, 0.3476, 0.4162

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.4511, 0.3267, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9253, 0.3476, 0.4162 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(153, 168, 111)` looks like.

```
.text, #text, p{  
    color:rgb(153, 168, 111)  
}
```

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(153, 168, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 168, 111) }
```

Border

The CSS property to change the border of an element to Yxy 35.9253, 0.3476, 0.4162 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(153, 168, 111) }
```

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

```
.border{ border-color:rgb(153, 168, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 168, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 168, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 168, 111);  
box-shadow:4px 4px 4px 4px rgb(153, 168,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9253, 0.3476, 0.4162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 168, 111) }
```

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

```
.background{ background-color: rgb(153,  
168, 111) }
```

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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