

Converting Colors

$Y_{xy}(35.5338, 0.3350, 0.4139)$

Have a look what the booklet for
Yxy(35.5338, 0.3350, 0.4139)
contains.

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Color

Yxy(35.5430, 0.3351, 0.4138)

Conversions

Conversions Part 1

Format	Color
Hex	90A973
RGB	144, 169, 115
RGB Percent	56%, 66%, 45%
CMY	0.4353, 0.3372, 0.5489
CMYK	0.15, 0.00, 0.32, 0.34
HSL	88°, 24%, 56%
HSV	88°, 32%, 66%
XYZ	28.7831, 35.5430, 21.5680
YIQ	155.3690, 2.4340, -22.0940

Conversions

Conversions Part 2

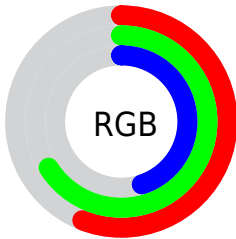
Format	Color
R_{YB}	115, 169, 140
Decimal	9480563
CIE Lab	66.17, -18.41, 25.09
CIE LCh	66, 31.117, 126.278
Yxy	35.5430, 0.3351, 0.4138
Android (android.graphics.Color)	4287670643 (0xFF90A973)
YUV	155.3690, -19.9019, -9.9706
Hunter-Lab	59.6180, -18.1529, 20.2832

Details

The Yxy color **35.5430, 0.3351, 0.4138** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.7090, 0.2834, 0.2434**, and the grayscale version is **33.0399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1071, 0.3314, 0.3966**, and **15.4431, 0.3407, 0.4436** is the 20% darker color. If you saturate the color by 10%, you get **34.5095, 0.3410, 0.4428**, and if you desaturate by 10%, it is **36.6999, 0.3284, 0.3855**.

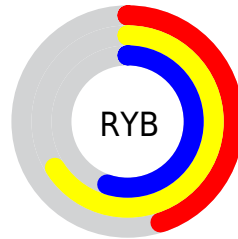
Distribution



Red (56%)

Green (66%)

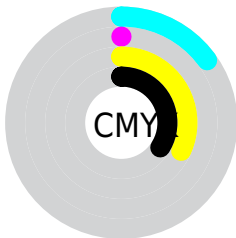
Blue (45%)



Red (45%)

Yellow (66%)

Blue (55%)

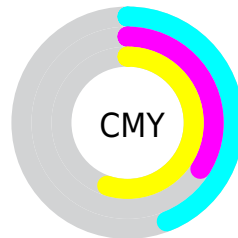


Cyan (15%)

Magenta (0%)

Yellow (32%)

Black (34%)



Cyan (44%)


Magenta (34%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5430, 0.3351, 0.4138 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 35.5430, 0.3351, 0.4138 by changing the saturation by 10% instead.


 35.5430, 0.3351,
0.4138


 35.5430, 0.3351,
0.4138


326.9587, 0.3244,
0.3681


 24.0815, 0.3374,
0.4263


 68.3261, 0.3314,
0.3964


 15.3941, 0.3401,
0.4431


 90.4165, 0.3300,
0.3901

 9.0964, 0.3431,
0.4664


 116.8185, 0.3287,
0.3848

 4.8041, 0.3457,
0.5010

 147.9168, 0.3276,
0.3804

 2.1328, 0.3622,
0.5843

184.0955, 0.3267,
0.3767

 0.6830, 0.2262,
0.7738

225.7391, 0.3259,

 0.0000, 0.0000,

0.3734

0.0000

273.2320, 0.3251,
0.3706

■ 35.5430, 0.3351,
0.4138

■ 35.5430, 0.3351,
0.4138

■ 34.5095, 0.3410,
0.4428

■ 36.6999, 0.3284,
0.3855

■ 33.5898, 0.3458,
0.4715

■ 37.9800, 0.3213,
0.3586

■ 32.7803, 0.3489,
0.4987


■ 39.3893, 0.3141,
0.3336


■ 32.0750, 0.3501,
0.5229

■ 40.9317, 0.3070,
0.3107


■ 31.4674, 0.3490,
0.5428

■ 42.6113, 0.3002,
0.2899

 30.9500, 0.3458,
0.5576

 44.4315, 0.2937,
0.2712

 30.5864, 0.3422,
0.5665

 46.3960, 0.2876,
0.2544

 48.5083, 0.2819,
0.2394

 49.9658, 0.2847,
0.2366

Harmonies

Analogous

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



35.5430, 0.3779, 0.4093



35.5430, 0.3351, 0.4138



35.5430, 0.2882, 0.3900

Triad

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



35.5430, 0.3351, 0.4138



35.5430, 0.2281, 0.2674



35.5430, 0.3778, 0.3092

Complementary

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



35.5430, 0.3351, 0.4138



20.7090, 0.2834, 0.2434

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.



35.5430, 0.3328, 0.2776



35.5430, 0.3351, 0.4138



35.5430, 0.2478, 0.2533

Square

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



35.5430, 0.3351, 0.4138



35.5430, 0.2287, 0.3000



35.5430, 0.2850, 0.2576



35.5430, 0.4046, 0.3467

Rectangle

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



35.5430, 0.3351, 0.4138



35.5430, 0.2611, 0.3617



35.5430, 0.2850, 0.2576



35.5430, 0.3641, 0.2977

Sweetspot

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



35.5446, 0.3351, 0.4138



68.4433, 0.3200, 0.3541



28.2298, 0.3726, 0.3660



14.8464, 0.3210, 0.3575



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.



35.5446, 0.3351, 0.4138



62.3817, 0.3392, 0.4333



33.4482, 0.3107, 0.4205



8.5985, 0.3194, 0.3518



22.8263, 0.3429, 0.5660



0.5853, 0.3680, 0.5460

Inverse Universe

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



20.7090, 0.2834, 0.2434



31.7949, 0.2755, 0.2234



23.2705, 0.3132, 0.2506



7.4645, 0.3056, 0.3062



3.3833, 0.1971, 0.0860



0.1129, 0.2363, 0.1075

Previews

White Background



This preview shows how the Yxy color 35.5430, 0.3351, 0.4138 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 35.5430, 0.3351, 0.4138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

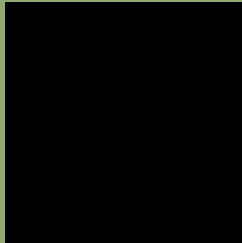
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5430, 0.3351, 0.4138

Background



This preview shows how black text looks on a background with the Yxy color 35.5430, 0.3351, 0.4138.



This preview shows how white text looks on a background with the Yxy color 35.5430, 0.3351, 0.4138.

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

35.5430, 0.3351, 0.4138

Protanopia

35.1735, 0.3715, 0.3999

Deuteranopia

35.3664, 0.3857, 0.3783



Tritanopia

35.6690, 0.2942, 0.3115

Trichromacy



Original Color

35.5430, 0.3351, 0.4138

Protanomaly

35.0456, 0.3578, 0.4055

Deuteranomaly

34.9649, 0.3663, 0.3900

Tritanomaly

35.6942, 0.3091, 0.3471

Monochromacy



Original Color

35.5430, 0.3351, 0.4138

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.6144, 0.3219, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5430, 0.3351, 0.4138 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(144, 169, 115)` looks like.

```
.text, #text, p{  
    color:rgb(144, 169, 115)  
}
```

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(144, 169, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 169, 115) }
```

Border

The CSS property to change the border of an element to Yxy 35.5430, 0.3351, 0.4138 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(144, 169, 115) }
```

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

```
.border{ border-color:rgb(144, 169, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 169, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 169, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 169, 115);  
box-shadow:4px 4px 4px 4px rgb(144, 169,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5430, 0.3351, 0.4138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 169, 115) }
```

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

```
.background{ background-color: rgb(144,  
169, 115) }
```

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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