

Converting Colors

Yxy(38.0140, 0.3420, 0.3846)

Have a look what the booklet for
Yxy(38.0140, 0.3420, 0.3846)
contains.

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Color

Yxy(38.0140, 0.3420, 0.3846)

Conversions

Conversions Part 1

Format	Color
Hex	A5A983
RGB	165, 169, 131
RGB Percent	65%, 66%, 51%
CMY	0.3529, 0.3373, 0.4863
CMYK	0.02, 0.00, 0.22, 0.34
HSL	66°, 18%, 59%
HSV	66°, 22%, 66%
XYZ	33.8034, 38.0140, 27.0230
YIQ	163.4720, 9.8140, -12.6660

Conversions

Conversions Part 2

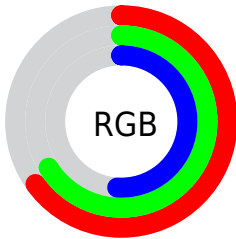
Format	Color
RYB	131, 169, 135
Decimal	10856835
CIELab	68.03, -7.95, 19.19
CIElCh	68, 20.777, 112.502
Yxy	38.0140, 0.3420, 0.3846
Android (android.graphics.Color)	4289046915 (0xFFA5A983)
YUV	163.4720, -16.0087, 1.3401
Hunter-Lab	61.6555, -10.0322, 17.1727

Details

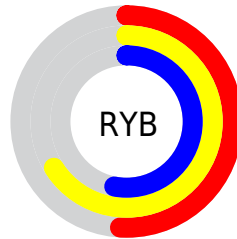
The Yxy color **38.0140, 0.3420, 0.3846** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.2418, 0.2795, 0.2682**, and the grayscale version is **36.9358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9876, 0.3365, 0.3737**, and **16.8274, 0.3511, 0.4031** is the 20% darker color. If you saturate the color by 10%, you get **37.4056, 0.3549, 0.4099**, and if you desaturate by 10%, it is **38.7032, 0.3289, 0.3594**.

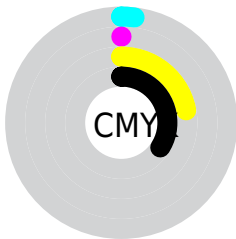
Distribution



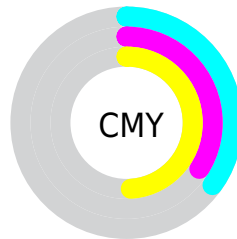
- Red (65%)
- Green (66%)
- Blue (51%)



- Red (51%)
- Yellow (66%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (34%)





- Cyan (35%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0140, 0.3420, 0.3846 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 38.0140, 0.3420, 0.3846 by changing the saturation by 10% instead.


 38.0140, 0.3420,
0.3846


 38.0140, 0.3420,
0.3846


337.6800, 0.3272,
0.3554


 25.9936, 0.3457,
0.3923


 72.1296, 0.3366,
0.3737

 16.8188, 0.3504,
0.4025


 94.9935, 0.3346,
0.3697

 10.1054, 0.3566,
0.4164


 122.2408, 0.3329,
0.3663

 5.4689, 0.3650,
0.4367

154.2557, 0.3314,
0.3635

 2.5249, 0.3769,
0.4687

191.4227, 0.3301,
0.3610

 0.8891, 0.4227,
0.5773

234.1261, 0.3290,

 0.0000, 0.0000,

0.3589

0.0000

282.7504, 0.3281,
0.3571

■ 38.0140, 0.3420,
0.3846

■ 38.0140, 0.3420,
0.3846

■ 37.4056, 0.3549,
0.4099

■ 38.7032, 0.3289,
0.3594

■ 36.8692, 0.3671,
0.4345

■ 39.4714, 0.3159,
0.3349

■ 36.4027, 0.3781,
0.4575

■ 40.3236, 0.3034,
0.3117

■ 36.0016, 0.3873,
0.4778

■ 41.2628, 0.2915,
0.2900

■ 35.6613, 0.3943,
0.4945

■ 42.2917, 0.2804,
0.2699

■ 35.3761, 0.3988,
0.5071

■ 43.4132, 0.2702,
0.2515

■ 35.1396, 0.4008,
0.5154

■ 44.6297, 0.2608,
0.2348

■ 34.9831, 0.4012,
0.5197

■ 45.2023, 0.2586,
0.2298

■ 45.4150, 0.2598,
0.2301

Harmonies

Analogous

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



38.0140, 0.3655, 0.3760



38.0140, 0.3420, 0.3846



38.0140, 0.3114, 0.3767

Triad

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



38.0140, 0.3420, 0.3846



38.0140, 0.2544, 0.2977



38.0140, 0.3428, 0.3055

Complementary

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



38.0140, 0.3420, 0.3846



24.2418, 0.2795, 0.2682

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.



38.0140, 0.3116, 0.2869



38.0140, 0.3420, 0.3846



38.0140, 0.2616, 0.2816

Square

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



38.0140, 0.3420, 0.3846



38.0140, 0.2616, 0.3241



38.0140, 0.2821, 0.2781



38.0140, 0.3664, 0.3301

Rectangle

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



38.0140, 0.3420, 0.3846



38.0140, 0.2912, 0.3627



38.0140, 0.2821, 0.2781



38.0140, 0.3328, 0.2984

Sweetspot

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



38.0157, 0.3420, 0.3846



70.0347, 0.3219, 0.3461



27.3421, 0.3563, 0.3349



15.2478, 0.3226, 0.3475



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.



38.0157, 0.3420, 0.3846



67.5211, 0.3485, 0.3973



36.1432, 0.3238, 0.3879



8.7333, 0.3247, 0.3514



26.0862, 0.4013, 0.5195



0.6457, 0.4077, 0.5145

Inverse Universe

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



24.2418, 0.2795, 0.2682



38.4417, 0.2708, 0.2527



25.9433, 0.2990, 0.2715



7.3368, 0.3002, 0.3058



2.2408, 0.1544, 0.0624



0.0657, 0.1726, 0.0724

Previews

White Background



This preview shows how the Yxy color 38.0140, 0.3420, 0.3846 looks on a white background.

Color Contrast Check

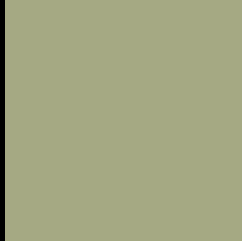
Large Text (above 18pt) WCAG AA × Fail

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 38.0140, 0.3420, 0.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

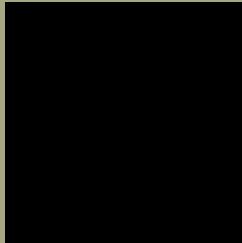
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

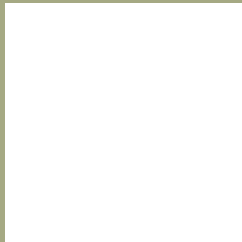
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.0140, 0.3420, 0.3846

Background



This preview shows how black text looks on a background with the Yxy color 38.0140, 0.3420, 0.3846.



This preview shows how white text looks on a background with the Yxy color 38.0140, 0.3420, 0.3846.

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

38.0140, 0.3420, 0.3846

Protanopia

37.8424, 0.3570, 0.3800

Deuteranopia

37.8272, 0.3717, 0.3640



Tritanopia

37.9869, 0.3089, 0.3110

Trichromacy



Original Color

38.0140, 0.3420, 0.3846

Protanomaly

37.7684, 0.3517, 0.3806

Deuteranomaly

37.9276, 0.3609, 0.3721

Tritanomaly

37.8833, 0.3208, 0.3361

Monochromacy



Original Color

38.0140, 0.3420, 0.3846

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.0371, 0.3241, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0140, 0.3420, 0.3846 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 $rgb(165, 169, 131)$ looks like.

```
.text, #text, p{  
    color:rgb(165, 169, 131)  
}
```

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(165, 169, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 169, 131) }
```

Border

The CSS property to change the border of an element to Yxy 38.0140, 0.3420, 0.3846 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(165, 169, 131) }
```

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

```
.border{ border-color:rgb(165, 169, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 169, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 169, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 169, 131);  
box-shadow:4px 4px 4px 4px rgb(165, 169,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0140, 0.3420, 0.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 169, 131) }
```

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

```
.background{ background-color: rgb(165,  
169, 131) }
```

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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