

Converting Colors

$Yxy(34.1067, 0.3407, 0.4403)$

Have a look what the booklet for
Yxy(34.1067, 0.3407, 0.4403)
contains.

Yxy(34.1404, 0.3405, 0.4402)	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(34.1404, 0.3405, 0.4402)

Conversions

Conversions Part 1

Format	Color
Hex	88A863
RGB	136, 168, 99
RGB Percent	53%, 66%, 39%
CMY	0.4667, 0.3412, 0.6117
CMYK	0.19, 0.00, 0.41, 0.34
HSL	88°, 28%, 52%
HSV	88°, 41%, 66%
XYZ	26.4080, 34.1404, 17.0082
YIQ	150.5660, 3.0770, -28.2430

Conversions

Conversions Part 2

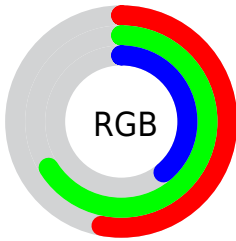
Format	Color
RYB	99, 168, 131
Decimal	8956003
CIELab	65.07, -23.19, 32.07
CIELCh	65, 39.578, 125.873
Yxy	34.1404, 0.3405, 0.4402
Android (android.graphics.Color)	4287146083 (0xFF88A863)
YUV	150.5660, -25.4220, -12.7744
Hunter-Lab	58.4298, -21.5770, 23.6423

Details

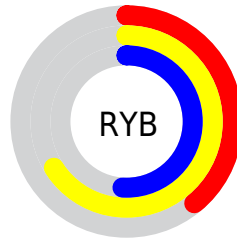
The Yxy color **34.1404, 0.3405, 0.4402** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.5842, 0.2727, 0.2164**, and the grayscale version is **30.8628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9569, 0.3360, 0.4165**, and **14.6611, 0.3454, 0.4783** is the 20% darker color. If you saturate the color by 10%, you get **33.2239, 0.3454, 0.4690**, and if you desaturate by 10%, it is **35.1742, 0.3345, 0.4112**.

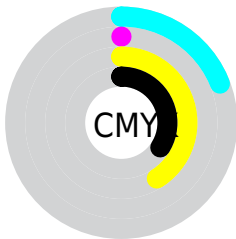
Distribution



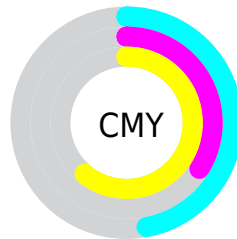
- Red (53%)
- Green (66%)
- Blue (39%)



- Red (39%)
- Yellow (66%)
- Blue (51%)



- Cyan (19%)
- Magenta (0%)
- Yellow (41%)
- Black (34%)




- Cyan (47%)
- Magenta (34%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1404, 0.3405, 0.4402 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 34.1404, 0.3405, 0.4402 by changing the saturation by 10% instead.

 34.1404, 0.3405,
0.4402


 34.1404, 0.3405,
0.4402


320.7576, 0.3278,
0.3796


 23.0015, 0.3429,
0.4569


 66.1519, 0.3363,
0.4170


 14.5946, 0.3454,
0.4792


 87.7934, 0.3346,
0.4086

 8.5354, 0.3472,
0.5101


 113.7044, 0.3331,
0.4017

 4.4394, 0.3466,
0.5557

 144.2694, 0.3318,
0.3959

 1.9223, 0.3495,
0.6505

179.8729, 0.3306,
0.3909

 0.5617, 0.0000,
1.0000

220.8991, 0.3296,

 0.0000, 0.0000,

0.3866

0.0000

267.7326, 0.3286,
0.3829

■ 34.1404, 0.3405,
0.4402

■ 34.1404, 0.3405,
0.4402

■ 33.2239, 0.3454,
0.4690

■ 35.1742, 0.3345,
0.4112

■ 32.4152, 0.3487,
0.4963

■ 36.3256, 0.3278,
0.3830

■ 31.7099, 0.3500,
0.5209


■ 37.6007, 0.3207,
0.3563


■ 31.1017, 0.3492,
0.5412


■ 39.0036, 0.3135,
0.3315

■ 30.5833, 0.3461,
0.5565


■ 40.5383, 0.3064,
0.3088

 30.1824, 0.3421,
0.5666

 42.2087, 0.2996,
0.2882

 44.0182, 0.2932,
0.2696

 45.9706, 0.2871,
0.2530

 48.0690, 0.2815,
0.2382

Harmonies

Analogous

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



34.1404, 0.3954, 0.4308



34.1404, 0.3405, 0.4402



34.1404, 0.2810, 0.4102

Triad

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



34.1404, 0.3405, 0.4402



34.1404, 0.2064, 0.2504



34.1404, 0.3960, 0.3025

Complementary

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



34.1404, 0.3405, 0.4402



16.5842, 0.2727, 0.2164

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.



34.1404, 0.3369, 0.2639



34.1404, 0.3405, 0.4402



34.1404, 0.2301, 0.2339

Square

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



34.1404, 0.3405, 0.4402



34.1404, 0.2071, 0.2909



34.1404, 0.2760, 0.2395



34.1404, 0.4312, 0.3486

Rectangle

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



34.1404, 0.3405, 0.4402



34.1404, 0.2469, 0.3722



34.1404, 0.2760, 0.2395



34.1404, 0.3779, 0.2884

Sweetspot

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



34.1419, 0.3405, 0.4402



67.9472, 0.3215, 0.3593



25.2095, 0.3946, 0.3769



14.7456, 0.3224, 0.3625



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.



34.1419, 0.3405, 0.4402



60.4687, 0.3449, 0.4657



31.7609, 0.3098, 0.4515



8.5982, 0.3194, 0.3518



22.8219, 0.3428, 0.5660



0.5852, 0.3680, 0.5460

Inverse Universe

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



16.5842, 0.2727, 0.2164



24.3354, 0.2614, 0.1902



19.7076, 0.3131, 0.2289



7.4647, 0.3056, 0.3062



3.3870, 0.1972, 0.0860



0.1130, 0.2364, 0.1076

Previews

White Background



This preview shows how the Yxy color 34.1404, 0.3405, 0.4402 looks on a white background.

Color Contrast Check

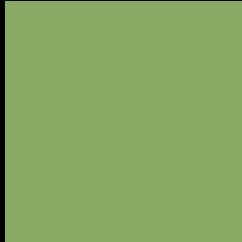
Large Text (above 18pt) WCAG AA × Fail

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 34.1404, 0.3405, 0.4402 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 34.1404, 0.3405, 0.4402

Background



This preview shows how black text looks on a background with the Yxy color 34.1404, 0.3405, 0.4402.



This preview shows how white text looks on a background with the Yxy color 34.1404, 0.3405, 0.4402.

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

34.1404, 0.3405, 0.4402

Protanopia

34.0506, 0.3860, 0.4198

Deuteranopia

33.9313, 0.4012, 0.3946



Tritanopia

33.8858, 0.2895, 0.3095

Trichromacy



Original Color

34.1404, 0.3405, 0.4402

Protanomaly

34.0561, 0.3690, 0.4285

Deuteranomaly

33.6193, 0.3781, 0.4096

Tritanomaly

33.6358, 0.3086, 0.3557

Monochromacy



Original Color

34.1404, 0.3405, 0.4402

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.8909, 0.3247, 0.3688

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1404, 0.3405, 0.4402 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(136, 168, 99)` looks like.

```
.text, #text, p{  
    color:rgb(136, 168, 99)  
}
```

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(136, 168, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 168, 99) }
```

Border

The CSS property to change the border of an element to Yxy 34.1404, 0.3405, 0.4402 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(136, 168, 99) }
```

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

```
.border{ border-color:rgb(136, 168, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 168, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 168, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 168, 99);  
box-shadow:4px 4px 4px 4px rgb(136, 168,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1404, 0.3405, 0.4402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 168, 99) }
```

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

```
.background{ background-color: rgb(136,  
168, 99) }
```

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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