

Converting Colors

Yxy(34.8609, 0.3321, 0.4400)

Have a look what the booklet for
Yxy(34.8609, 0.3321, 0.4400)
contains.

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Color

Yxy(34.9304, 0.3318, 0.4395)

Conversions

Conversions Part 1

Format	Color
Hex	83AB67
RGB	131, 171, 103
RGB Percent	51%, 67%, 40%
CMY	0.4862, 0.3294, 0.5962
CMYK	0.23, 0.00, 0.40, 0.33
HSL	95°, 29%, 54%
HSV	95°, 40%, 67%
XYZ	26.3707, 34.9304, 18.1765
YIQ	151.2880, -2.0120, -29.6280

Conversions

Conversions Part 2

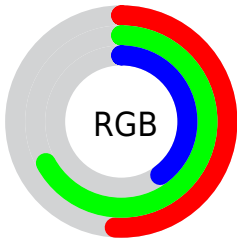
Format	Color
RYB	103, 171, 143
Decimal	8629095
CIELab	65.69, -26.02, 30.73
CIElCh	66, 40.266, 130.258
Yxy	34.9304, 0.3318, 0.4395
Android (android.graphics.Color)	4286819175 (0xFF83AB67)
YUV	151.2880, -23.8060, -17.7926
Hunter-Lab	59.1019, -23.7836, 23.1370

Details

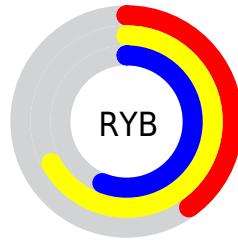
The Yxy color **34.9304, 0.3318, 0.4395** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.4724, 0.2839, 0.2230**, and the grayscale version is **31.1820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6190, 0.3291, 0.4167**, and **15.1655, 0.3346, 0.4800** is the 20% darker color. If you saturate the color by 10%, you get **33.8587, 0.3349, 0.4702**, and if you desaturate by 10%, it is **36.1532, 0.3277, 0.4092**.

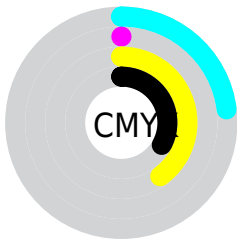
Distribution



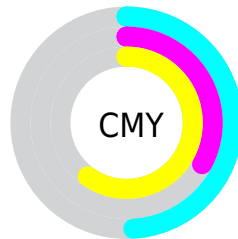
- Red (51%)
- Green (67%)
- Blue (40%)



- Red (40%)
- Yellow (67%)
- Blue (56%)



- Cyan (23%)
- Magenta (0%)
- Yellow (40%)
- Black (33%)




- Cyan (49%)
- Magenta (33%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.9304, 0.3318, 0.4395 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 34.9304, 0.3318, 0.4395 by changing the saturation by 10% instead.


 34.9304, 0.3318,
0.4395


 34.9304, 0.3318,
0.4395


324.2610, 0.3237,
0.3792


 23.6093, 0.3330,
0.4562


 67.3779, 0.3293,
0.4163

 15.0440, 0.3340,
0.4786


 89.2731, 0.3283,
0.4080

 8.8503, 0.3339,
0.5099


 115.4618, 0.3273,
0.4011

 4.6437, 0.3305,
0.5559

 146.3283, 0.3264,
0.3953

 2.0397, 0.3352,
0.6648

182.2571, 0.3256,
0.3904

 0.6304, 0.0000,
1.0000

223.6326, 0.3249,

 0.0000, 0.0000,

0.3861

0.0000

270.8391, 0.3243,
0.3824

■ 34.9304, 0.3318,
0.4395

■ 34.9304, 0.3318,
0.4395

■ 33.8587, 0.3349,
0.4702

■ 36.1532, 0.3277,
0.4092

■ 32.9272, 0.3366,
0.4998

■ 37.5287, 0.3230,
0.3802

■ 32.1301, 0.3366,
0.5268


■ 39.0641, 0.3178,
0.3532

■ 31.4598, 0.3347,
0.5497


■ 40.7648, 0.3126,
0.3285

■ 30.9071, 0.3309,
0.5670


■ 42.6358, 0.3074,
0.3061

 30.4559, 0.3260,
0.5792

 44.6821, 0.3024,
0.2861

 30.4469, 0.3259,
0.5794

 46.9083, 0.2976,
0.2683

 49.3189, 0.2931,
0.2525

 51.7967, 0.2902,
0.2401

Harmonies

Analogous

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



34.9304, 0.3889, 0.4352



34.9304, 0.3318, 0.4395



34.9304, 0.2725, 0.4035

Triad

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



34.9304, 0.3318, 0.4395



34.9304, 0.2075, 0.2457



34.9304, 0.4040, 0.3087

Complementary

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



34.9304, 0.3318, 0.4395



18.4724, 0.2839, 0.2230

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.



34.9304, 0.3465, 0.2683



34.9304, 0.3318, 0.4395



34.9304, 0.2348, 0.2325

Square

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



34.9304, 0.3318, 0.4395



34.9304, 0.2045, 0.2830



34.9304, 0.2840, 0.2412



34.9304, 0.4345, 0.3557

Rectangle

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



34.9304, 0.3318, 0.4395



34.9304, 0.2398, 0.3632



34.9304, 0.2840, 0.2412



34.9304, 0.3868, 0.2941

Sweetspot

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



34.9319, 0.3318, 0.4395



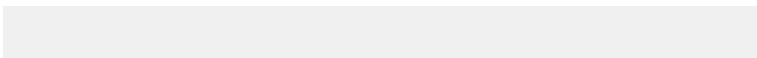
69.2635, 0.3191, 0.3596



29.1794, 0.3862, 0.3884



15.3676, 0.3197, 0.3629



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



34.9319, 0.3318, 0.4395



60.8048, 0.3346, 0.4673



33.1058, 0.3030, 0.4382



9.0945, 0.3176, 0.3520



22.9806, 0.3266, 0.5789



0.6718, 0.3523, 0.5585

Inverse Universe

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



18.4724, 0.2839, 0.2230



27.0714, 0.2751, 0.1976



21.0822, 0.3239, 0.2399



7.9811, 0.3074, 0.3062



4.3135, 0.2220, 0.0996



0.1510, 0.2522, 0.1163

Previews

White Background



This preview shows how the Yxy color 34.9304, 0.3318, 0.4395 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 34.9304, 0.3318, 0.4395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

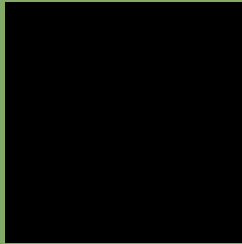
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9304, 0.3318, 0.4395

Background



This preview shows how black text looks on a background with the Yxy color 34.9304, 0.3318, 0.4395.



This preview shows how white text looks on a background with the Yxy color 34.9304, 0.3318, 0.4395.

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

34.9304, 0.3318, 0.4395

Protanopia

34.6768, 0.3849, 0.4163

Deuteranopia

34.4652, 0.3977, 0.3903



Tritanopia

34.6866, 0.2839, 0.3095

Trichromacy



Original Color

34.9304, 0.3318, 0.4395

Protanomaly

34.3836, 0.3641, 0.4244

Deuteranomaly

34.2719, 0.3723, 0.4069

Tritanomaly

34.4835, 0.3015, 0.3541

Monochromacy



Original Color

34.9304, 0.3318, 0.4395

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.1042, 0.3207, 0.3673

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9304, 0.3318, 0.4395 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(131, 171, 103)` looks like.

```
.text, #text, p{  
    color:rgb(131, 171, 103)  
}
```

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(131, 171, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 171, 103) }
```

Border

The CSS property to change the border of an element to Yxy 34.9304, 0.3318, 0.4395 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(131, 171, 103) }
```

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

```
.border{ border-color:rgb(131, 171, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 171, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 171, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 171, 103);  
box-shadow:4px 4px 4px 4px rgb(131, 171,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9304, 0.3318, 0.4395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 171, 103) }
```

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

```
.background{ background-color: rgb(131,  
171, 103) }
```

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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