

Converting Colors

Yxy(34.0557, 0.3361, 0.4163)

Have a look what the booklet for
Yxy(34.0557, 0.3361, 0.4163)
contains.

Yxy(34.0829, 0.3363, 0.4170)	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(34.0829, 0.3363, 0.4170)

Conversions

Conversions Part 1

Format	Color
Hex	8DA66F
RGB	141, 166, 111
RGB Percent	55%, 65%, 44%
CMY	0.4471, 0.3490, 0.5648
CMYK	0.15, 0.00, 0.33, 0.35
HSL	87°, 24%, 54%
HSV	87°, 33%, 65%
XYZ	27.4870, 34.0829, 20.1637
YIQ	152.2550, 2.7550, -22.4050

Conversions

Conversions Part 2

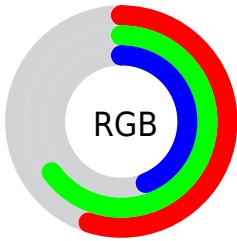
Format	Color
RYB	111, 166, 136
Decimal	9283183
CIELab	65.03, -18.61, 25.71
CIElCh	65, 31.736, 125.906
Yxy	34.0829, 0.3363, 0.4170
Android (android.graphics.Color)	4287473263 (0xFF8DA66F)
YUV	152.2550, -20.3387, -9.8706
Hunter-Lab	58.3806, -18.1238, 20.3886

Details

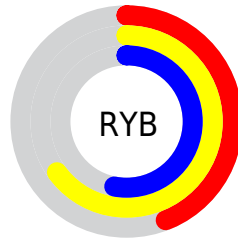
The Yxy color **34.0829, 0.3363, 0.4170** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.3539, 0.2816, 0.2398**, and the grayscale version is **31.6029, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9593, 0.3323, 0.3987**, and **14.5561, 0.3423, 0.4487** is the 20% darker color. If you saturate the color by 10%, you get **33.1127, 0.3423, 0.4459**, and if you desaturate by 10%, it is **35.1692, 0.3295, 0.3887**.

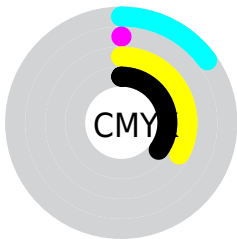
Distribution



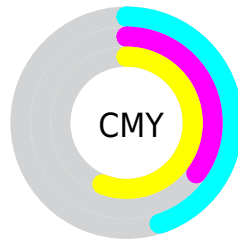
- Red (55%)
- Green (65%)
- Blue (44%)



- Red (44%)
- Yellow (65%)
- Blue (53%)



- Cyan (15%)
- Magenta (0%)
- Yellow (33%)
- Black (35%)





- Cyan (45%)
- Magenta (35%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0829, 0.3363, 0.4170 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 34.0829, 0.3363, 0.4170 by changing the saturation by 10% instead.


 34.0829, 0.3363,
0.4170


 34.0829, 0.3363,
0.4170

 320.5015, 0.3250,
0.3692


 22.9573, 0.3388,
0.4302


 66.0626, 0.3324,
0.3987


 14.5620, 0.3416,
0.4479


 87.6854, 0.3309,
0.3921


 8.5126, 0.3447,
0.4728


 113.5761, 0.3296,
0.3867

 4.4246, 0.3471,
0.5097

 144.1191, 0.3284,
0.3821

 1.9138, 0.3757,
0.6196

 179.6987, 0.3274,
0.3781

 0.5567, 0.1184,
0.8816

 220.6994, 0.3265,

 0.0000, 0.0000,

0.3748

0.0000

267.5056, 0.3257,
0.3718

■ 34.0829, 0.3363,
0.4170

■ 34.0829, 0.3363,
0.4170

■ 33.1127, 0.3423,
0.4459

■ 35.1692, 0.3295,
0.3887

■ 32.2494, 0.3470,
0.4743

■ 36.3714, 0.3223,
0.3617

■ 31.4895, 0.3501,
0.5010

■ 37.6951, 0.3150,
0.3365

■ 30.8274, 0.3511,
0.5246

■ 39.1443, 0.3078,
0.3134

■ 30.2568, 0.3499,
0.5438

■ 40.7225, 0.3008,
0.2923

 29.7704, 0.3465,
0.5579

 42.4332, 0.2941,
0.2733

 29.4750, 0.3435,
0.5655

 44.2799, 0.2879,
0.2563

 46.2658, 0.2821,
0.2411

 48.0418, 0.2802,
0.2323

Harmonies

Analogous

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



34.0829, 0.3804, 0.4117



34.0829, 0.3363, 0.4170



34.0829, 0.2879, 0.3927

Triad

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



34.0829, 0.3363, 0.4170



34.0829, 0.2254, 0.2656



34.0829, 0.3796, 0.3080

Complementary

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



34.0829, 0.3363, 0.4170



19.3539, 0.2816, 0.2398

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.



34.0829, 0.3327, 0.2756



34.0829, 0.3363, 0.4170



34.0829, 0.2453, 0.2510

Square

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



34.0829, 0.3363, 0.4170



34.0829, 0.2262, 0.2994



34.0829, 0.2835, 0.2552



34.0829, 0.4076, 0.3466

Rectangle

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



34.0829, 0.3363, 0.4170



34.0829, 0.2598, 0.3634



34.0829, 0.2835, 0.2552



34.0829, 0.3653, 0.2962

Sweetspot

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



34.0844, 0.3363, 0.4170



66.6903, 0.3202, 0.3540



26.7920, 0.3753, 0.3674



14.8532, 0.3212, 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.



34.0844, 0.3363, 0.4170



60.4944, 0.3409, 0.4389



31.9828, 0.3106, 0.4244



8.6016, 0.3195, 0.3518



22.8816, 0.3441, 0.5650



0.5865, 0.3690, 0.5452

Inverse Universe

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



19.3539, 0.2816, 0.2398



29.4638, 0.2724, 0.2172



21.9326, 0.3132, 0.2478



7.4614, 0.3054, 0.3062



3.3377, 0.1956, 0.0851



0.1118, 0.2349, 0.1068

Previews

White Background



This preview shows how the Yxy color 34.0829, 0.3363, 0.4170 looks on a white background.

Color Contrast Check

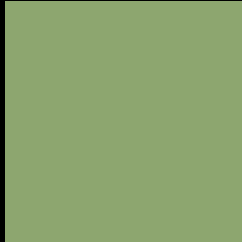
Large Text (above 18pt) WCAG AA × Fail

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 34.0829, 0.3363, 0.4170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

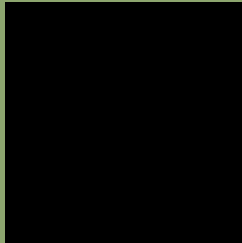
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0829, 0.3363, 0.4170

Background



This preview shows how black text looks on a background with the Yxy color 34.0829, 0.3363, 0.4170.



This preview shows how white text looks on a background with the Yxy color 34.0829, 0.3363, 0.4170.

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

34.0829, 0.3363, 0.4170

Protanopia

33.7215, 0.3735, 0.4025

Deuteranopia

33.9129, 0.3881, 0.3804



Tritanopia

33.8780, 0.2939, 0.3097

Trichromacy



Original Color

34.0829, 0.3363, 0.4170

Protanomaly

33.5952, 0.3594, 0.4083

Deuteranomaly

33.5152, 0.3682, 0.3925

Tritanomaly

33.8627, 0.3099, 0.3475

Monochromacy



Original Color

34.0829, 0.3363, 0.4170

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.2160, 0.3221, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0829, 0.3363, 0.4170 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(141, 166, 111)` looks like.

```
.text, #text, p{  
    color:rgb(141, 166, 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(141, 166, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 166, 111) }
```

Border

The CSS property to change the border of an element to Yxy 34.0829, 0.3363, 0.4170 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(141, 166, 111) }
```

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

```
.border{ border-color:rgb(141, 166, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 166, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 166, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 166, 111);  
box-shadow:4px 4px 4px 4px rgb(141, 166,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0829, 0.3363, 0.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 166, 111) }
```

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

```
.background{ background-color: rgb(141,  
166, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor