

Converting Colors

Yxy(36.3042, 0.3335, 0.4431)

Have a look what the booklet for
Yxy(36.3042, 0.3335, 0.4431)
contains.

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Color

Yxy(36.2379, 0.3329, 0.4425)

Conversions

Conversions Part 1

Format	Color
Hex	85AE67
RGB	133, 174, 103
RGB Percent	52%, 68%, 40%
CMY	0.4783, 0.3177, 0.5960
CMYK	0.24, 0.00, 0.41, 0.32
HSL	95°, 30%, 54%
HSV	95°, 41%, 68%
XYZ	27.2624, 36.2379, 18.3933
YIQ	153.6470, -1.6450, -30.7730

Conversions

Conversions Part 2

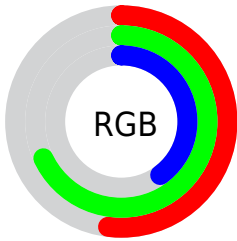
Format	Color
RYB	103, 174, 144
Decimal	8760935
CIELab	66.70, -26.73, 32.03
CIELCh	67, 41.715, 129.843
Yxy	36.2379, 0.3329, 0.4425
Android (android.graphics.Color)	4286951015 (0xFF85AE67)
YUV	153.6470, -24.9690, -18.1074
Hunter-Lab	60.1979, -24.5075, 24.0227

Details

The Yxy color **36.2379, 0.3329, 0.4425** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.6860, 0.2820, 0.2197**, and the grayscale version is **32.2685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5250, 0.3300, 0.4194**, and **15.6904, 0.3350, 0.4823** is the 20% darker color. If you saturate the color by 10%, you get **35.1468, 0.3360, 0.4730**, and if you desaturate by 10%, it is **37.4830, 0.3287, 0.4122**.

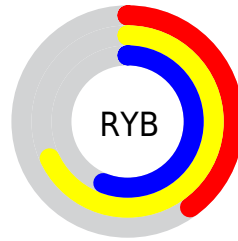
Distribution



Red (52%)

Green (68%)

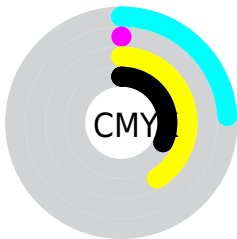
Blue (40%)



Red (40%)

Yellow (68%)

Blue (56%)

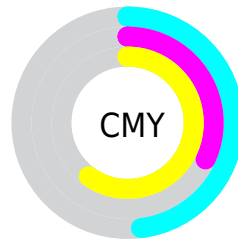


Cyan (24%)

Magenta (0%)

Yellow (41%)

Black (32%)



Cyan (48%)


Magenta (32%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2379, 0.3329, 0.4425 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 36.2379, 0.3329, 0.4425 by changing the saturation by 10% instead.


 36.2379, 0.3329,
0.4425


 36.2379, 0.3329,
0.4425


329.9992, 0.3244,
0.3809

 24.6180, 0.3342,
0.4594


 69.3991, 0.3303,
0.4190


 15.7927, 0.3352,
0.4819


 91.7092, 0.3292,
0.4105

 9.3776, 0.3351,
0.5132


 118.3514, 0.3282,
0.4034

 4.9883, 0.3316,
0.5587

 149.7103, 0.3273,
0.3975

 2.2404, 0.3359,
0.6641

186.1700, 0.3264,
0.3924

 0.7419, 0.0663,
0.9337

228.1152, 0.3257,

 0.0000, 0.0000,

0.3880

0.0000

275.9301, 0.3250,
0.3842

■ 36.2379, 0.3329,
0.4425

■ 36.2379, 0.3329,
0.4425

■ 35.1468, 0.3360,
0.4730

■ 37.4830, 0.3287,
0.4122

■ 34.1982, 0.3377,
0.5023

■ 38.8836, 0.3238,
0.3831

■ 33.3864, 0.3376,
0.5288


■ 40.4471, 0.3186,
0.3559


■ 32.7033, 0.3356,
0.5510


■ 42.1790, 0.3131,
0.3309


■ 32.1394, 0.3317,
0.5676


■ 44.0847, 0.3078,
0.3083

 31.7101, 0.3271,
0.5785

 46.1690, 0.3026,
0.2880

 48.4369, 0.2976,
0.2699

 50.8928, 0.2929,
0.2538

 53.2407, 0.2917,
0.2437

Harmonies

Analogous

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



36.2379, 0.3911, 0.4372



36.2379, 0.3329, 0.4425



36.2379, 0.2723, 0.4062

Triad

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



36.2379, 0.3329, 0.4425



36.2379, 0.2051, 0.2442



36.2379, 0.4055, 0.3075

Complementary

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



36.2379, 0.3329, 0.4425



18.6860, 0.2820, 0.2197

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.



36.2379, 0.3463, 0.2665



36.2379, 0.3329, 0.4425



36.2379, 0.2326, 0.2306

Square

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



36.2379, 0.3329, 0.4425



36.2379, 0.2025, 0.2825



36.2379, 0.2824, 0.2392



36.2379, 0.4372, 0.3553

Rectangle

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



36.2379, 0.3329, 0.4425



36.2379, 0.2388, 0.3649



36.2379, 0.2824, 0.2392



36.2379, 0.3878, 0.2927

Sweetspot

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



36.2395, 0.3329, 0.4425



72.9515, 0.3193, 0.3596



29.6938, 0.3893, 0.3884



16.1318, 0.3200, 0.3630



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.2395, 0.3329, 0.4425



63.9298, 0.3358, 0.4702



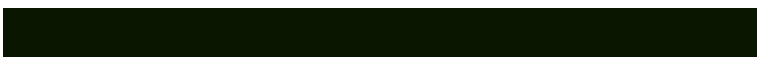
34.2319, 0.3036, 0.4437



9.0987, 0.3178, 0.3520



23.0346, 0.3279, 0.5779



0.6735, 0.3535, 0.5576

Inverse Universe

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



18.6860, 0.2820, 0.2197



27.6676, 0.2729, 0.1942



21.5761, 0.3229, 0.2362



7.9767, 0.3073, 0.3062



4.2335, 0.2196, 0.0983



0.1491, 0.2505, 0.1153

Previews

White Background



This preview shows how the Yxy color 36.2379, 0.3329, 0.4425 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 36.2379, 0.3329, 0.4425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

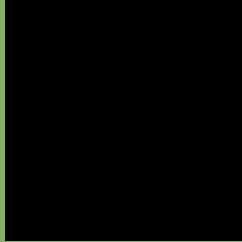
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2379, 0.3329, 0.4425

Background



This preview shows how black text looks on a background with the Yxy color 36.2379, 0.3329, 0.4425.



This preview shows how white text looks on a background with the Yxy color 36.2379, 0.3329, 0.4425.

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

36.2379, 0.3329, 0.4425

Protanopia

36.0696, 0.3863, 0.4190

Deuteranopia

35.9736, 0.4002, 0.3931



Tritanopia

36.0539, 0.2835, 0.3098

Trichromacy



Original Color

36.2379, 0.3329, 0.4425

Protanomaly

35.7696, 0.3658, 0.4271

Deuteranomaly

35.6519, 0.3740, 0.4098

Tritanomaly

35.8151, 0.3016, 0.3553

Monochromacy



Original Color

36.2379, 0.3329, 0.4425

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.3500, 0.3214, 0.3699

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2379, 0.3329, 0.4425 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(133, 174, 103)` looks like.

```
.text, #text, p{  
    color:rgb(133, 174, 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(133, 174, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 174, 103) }
```

Border

The CSS property to change the border of an element to Yxy 36.2379, 0.3329, 0.4425 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(133, 174, 103) }
```

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

```
.border{ border-color:rgb(133, 174, 103) }
```

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

Here you see how a box with a 4 pixel rgb(133, 174, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 174, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 174, 103);  
box-shadow:4px 4px 4px 4px rgb(133, 174,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2379, 0.3329, 0.4425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 174, 103) }
```

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

```
.background{ background-color: rgb(133,  
174, 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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