

Converting Colors

$Yxy(34.2689, 0.2846, 0.3850)$

Have a look what the booklet for
Yxy(34.2689, 0.2846, 0.3850)
contains.

Yxy(34.0866, 0.2846, 0.3847)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.0866, 0.2846, 0.3847)

Conversions

Conversions Part 1

Format	Color
Hex	6BAB8A
RGB	107, 171, 138
RGB Percent	42%, 67%, 54%
CMY	0.5803, 0.3294, 0.4587
CMYK	0.37, 0.00, 0.19, 0.33
HSL	149°, 28%, 55%
HSV	149°, 37%, 67%
XYZ	25.2172, 34.0866, 29.3019
YIQ	148.1020, -27.5510, -23.8310

Conversions

Conversions Part 2

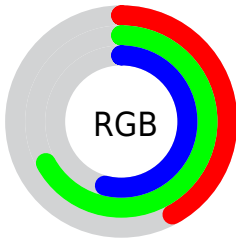
Format	Color
RYB	107, 150, 171
Decimal	7056266
CIELab	65.03, -27.99, 10.58
CIElCh	65, 29.923, 159.285
Yxy	34.0866, 0.2846, 0.3847
Android (android.graphics.Color)	4285246346 (0xFF6BAB8A)
YUV	148.1020, -4.9803, -36.0465
Hunter-Lab	58.3837, -25.0736, 11.1119

Details

The Yxy color **34.0866, 0.2846, 0.3847** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.0725, 0.3556, 0.2797**, and the grayscale version is **29.6925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2768, 0.2910, 0.3740**, and **14.4737, 0.2742, 0.4043** is the 20% darker color. If you saturate the color by 10%, you get **32.8854, 0.2787, 0.4029**, and if you desaturate by 10%, it is **35.5209, 0.2914, 0.3678**.

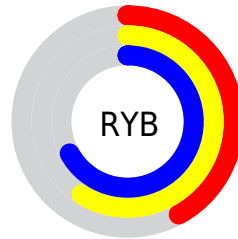
Distribution



Red (42%)

Green (67%)

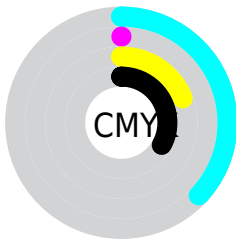
Blue (54%)



Red (42%)

Yellow (59%)

Blue (67%)

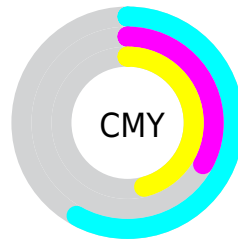


Cyan (37%)

Magenta (0%)

Yellow (19%)

Black (33%)



Cyan (58%)


Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0866, 0.2846, 0.3847 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 34.0866, 0.2846, 0.3847 by changing the saturation by 10% instead.


 34.0866, 0.2846,
0.3847


 34.0866, 0.2846,
0.3847


320.5180, 0.2999,
0.3544

 22.9601, 0.2803,
0.3932


 66.0683, 0.2905,
0.3730


 14.5641, 0.2745,
0.4048


 87.6924, 0.2926,
0.3688

 8.5140, 0.2663,
0.4214


 113.5844, 0.2943,
0.3654

 4.4256, 0.2535,
0.4471

 144.1288, 0.2958,
0.3625

 1.9144, 0.2313,
0.4921

179.7099, 0.2970,
0.3600

 0.5570, 0.0000,
1.0000

220.7123, 0.2981,

 0.0000, 0.0000,

0.3579

0.0000

267.5202, 0.2991,
0.3560

■ 34.0866, 0.2846,
0.3847

■ 34.0866, 0.2846,
0.3847

■ 32.8854, 0.2787,
0.4029

■ 35.5209, 0.2914,
0.3678

■ 31.9002, 0.2741,
0.4221

■ 37.1961, 0.2989,
0.3523

■ 31.1182, 0.2710,
0.4420


■ 39.1245, 0.3068,
0.3384


■ 30.5235, 0.2698,
0.4620

■ 41.3164, 0.3148,
0.3259


■ 30.0973, 0.2704,
0.4816

■ 43.7817, 0.3228,
0.3148


 29.8114, 0.2729,
0.5003

 46.5295, 0.3306,
0.3051

 29.7470, 0.2736,
0.5050

 49.5688, 0.3382,
0.2965

 52.9078, 0.3456,
0.2890

 55.4133, 0.3475,
0.2816

Harmonies

Analogous

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



34.0866, 0.3300, 0.4105



34.0866, 0.2846, 0.3847



34.0866, 0.2485, 0.3407

Triad

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



34.0866, 0.2846, 0.3847



34.0866, 0.2523, 0.2547



34.0866, 0.4035, 0.3502

Complementary

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



34.0866, 0.2846, 0.3847



21.0725, 0.3556, 0.2797

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.



34.0866, 0.3798, 0.3133



34.0866, 0.2846, 0.3847



34.0866, 0.2901, 0.2605

Square

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



34.0866, 0.2846, 0.3847



34.0866, 0.2311, 0.2667



34.0866, 0.3371, 0.2814



34.0866, 0.4004, 0.3852

Rectangle

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



34.0866, 0.2846, 0.3847



34.0866, 0.2337, 0.3105



34.0866, 0.3371, 0.2814



34.0866, 0.3985, 0.3377

Sweetspot

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



34.0880, 0.2846, 0.3847



68.7104, 0.3038, 0.3435



35.7694, 0.3373, 0.4301



15.2211, 0.3028, 0.3453



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.



34.0880, 0.2846, 0.3847



59.2186, 0.2796, 0.3999



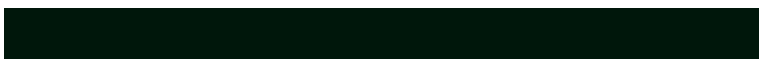
35.1521, 0.2622, 0.3306



9.0016, 0.3053, 0.3409



22.4362, 0.2731, 0.5032



0.6352, 0.2571, 0.4457

Inverse Universe

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



21.0725, 0.3556, 0.2797



32.4652, 0.3695, 0.2688



20.2636, 0.4004, 0.3276



8.0817, 0.3209, 0.3174



7.0706, 0.4861, 0.2451



0.2077, 0.4236, 0.2107

Previews

White Background



This preview shows how the Yxy color 34.0866, 0.2846, 0.3847 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 34.0866, 0.2846, 0.3847 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 34.0866, 0.2846, 0.3847

Background



This preview shows how black text looks on a background with the Yxy color 34.0866, 0.2846, 0.3847.



This preview shows how white text looks on a background with the Yxy color 34.0866, 0.2846, 0.3847.

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

34.0866, 0.2846, 0.3847

Protanopia

33.8596, 0.3463, 0.3678

Deuteranopia

33.5512, 0.3497, 0.3419



Tritanopia

33.8779, 0.2610, 0.3070

Trichromacy



Original Color

34.0866, 0.2846, 0.3847

Protanomaly

33.5816, 0.3211, 0.3731

Deuteranomaly

33.0522, 0.3223, 0.3553

Tritanomaly

33.8285, 0.2696, 0.3337

Monochromacy



Original Color

34.0866, 0.2846, 0.3847

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.7771, 0.3012, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0866, 0.2846, 0.3847 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(107, 171, 138)` looks like.

```
.text, #text, p{  
    color:rgb(107, 171, 138)  
}
```

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(107, 171, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 171, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.0866, 0.2846, 0.3847 is called "border". The border property can be set on classes, ids or directly on the HTML element.

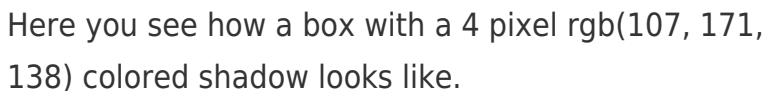
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 171, 138) }
```

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

```
.border{ border-color:rgb(107, 171, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 171, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 171, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 171, 138); box-shadow:4px 4px 4px 4px rgb(107, 171, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0866, 0.2846, 0.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 171, 138) }
```

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

```
.background{ background-color: rgb(107,  
171, 138) }
```

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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