

Converting Colors

$Yxy(35.0813, 0.2931, 0.3311)$

Have a look what the booklet for
Yxy(35.0813, 0.2931, 0.3311)
contains.

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Color

Yxy(34.9460, 0.2935, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	8EA4A3
RGB	142, 164, 163
RGB Percent	56%, 64%, 64%
CMY	0.4434, 0.3568, 0.3608
CMYK	0.13, 0.00, 0.01, 0.36
HSL	177°, 11%, 60%
HSV	177°, 13%, 64%
XYZ	31.0337, 34.9460, 39.7570
YIQ	157.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

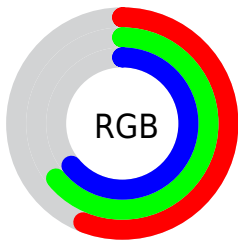
Format	Color
RYB	142, 153, 164
Decimal	9348259
CIELab	65.71, -7.89, -2.08
CIELCh	66, 8.154, 194.748
Yxy	34.9460, 0.2935, 0.3305
Android (android.graphics.Color)	4287538339 (0xFF8EA4A3)
YUV	157.3080, 2.8062, -13.4251
Hunter-Lab	59.1151, -9.7442, 1.5060

Details

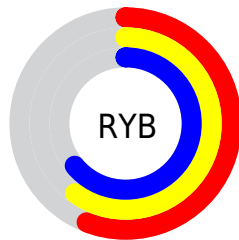
The Yxy color **34.9460, 0.2935, 0.3305** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.2057, 0.3357, 0.3275**, and the grayscale version is **33.8506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4608, 0.2973, 0.3301**, and **14.9602, 0.2872, 0.3311** is the 20% darker color. If you saturate the color by 10%, you get **33.5753, 0.2802, 0.3317**, and if you desaturate by 10%, it is **36.5332, 0.3077, 0.3294**.

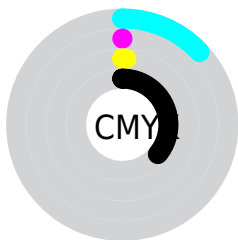
Distribution



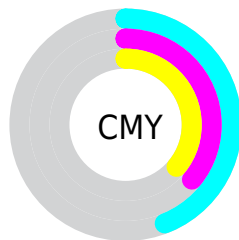
- Red (56%)
- Green (64%)
- Blue (64%)



- Red (56%)
- Yellow (60%)
- Blue (64%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (36%)





- Cyan (44%)
- Magenta (36%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9460, 0.2935, 0.3305 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 34.9460, 0.2935, 0.3305 by changing the saturation by 10% instead.

 34.9460, 0.2935,
0.3305


 34.9460, 0.2935,
0.3305


324.3299, 0.3035,
0.3298

 23.6213, 0.2908,
0.3307


 67.4021, 0.2973,
0.3302

 15.0529, 0.2873,
0.3309


 89.3023, 0.2986,
0.3301

 8.8565, 0.2825,
0.3311


 115.4964, 0.2998,
0.3301

 4.6477, 0.2754,
0.3315

146.3689, 0.3008,
0.3300

 2.0421, 0.2640,
0.3319

182.3040, 0.3016,
0.3299

 0.6318, 0.2179,
0.3373

223.6863, 0.3023,

 0.0000, 0.0000,

0.3299

0.0000

270.9002, 0.3030,
0.3298

■ 34.9460, 0.2935,
0.3305

■ 34.9460, 0.2935,
0.3305

■ 33.5753, 0.2802,
0.3317

■ 36.5332, 0.3077,
0.3294

■ 32.4076, 0.2680,
0.3331

■ 38.3412, 0.3224,
0.3283

■ 31.4341, 0.2572,
0.3344

■ 40.3799, 0.3375,
0.3274

■ 30.6443, 0.2480,
0.3359

■ 42.6569, 0.3526,
0.3266

■ 30.0260, 0.2406,
0.3374

■ 45.1798, 0.3676,
0.3259

■ 29.5662, 0.2351,
0.3389

■ 47.9556, 0.3823,
0.3253

■ 29.2497, 0.2313,
0.3404

■ 50.6566, 0.3950,
0.3247

■ 29.0581, 0.2293,
0.3419

■ 50.6851, 0.3942,
0.3239

■ 28.9719, 0.2286,
0.3429

■ 50.7137, 0.3935,
0.3231

Harmonies

Analogous

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



34.9460, 0.3033, 0.3415



34.9460, 0.2935, 0.3305



34.9460, 0.2888, 0.3193

Triad

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



34.9460, 0.2935, 0.3305



34.9460, 0.3092, 0.3099



34.9460, 0.3356, 0.3467

Complementary

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



34.9460, 0.2935, 0.3305



29.2057, 0.3357, 0.3275

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.



34.9460, 0.3373, 0.3379



34.9460, 0.2935, 0.3305



34.9460, 0.3219, 0.3170

Square

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



34.9460, 0.2935, 0.3305



34.9460, 0.2977, 0.3077



34.9460, 0.3323, 0.3271



34.9460, 0.3277, 0.3509

Rectangle

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



34.9460, 0.2935, 0.3305



34.9460, 0.2891, 0.3133



34.9460, 0.3323, 0.3271



34.9460, 0.3369, 0.3442

Sweetspot

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



34.9475, 0.2935, 0.3305



66.1086, 0.3068, 0.3294



34.3526, 0.3121, 0.3636



14.4046, 0.3057, 0.3295



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.9475, 0.2935, 0.3305



62.6735, 0.2896, 0.3308



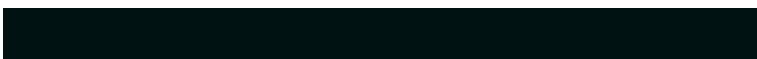
31.5659, 0.2923, 0.3136



8.0056, 0.2994, 0.3300



22.2107, 0.2285, 0.3427



0.4683, 0.2270, 0.3373

Inverse Universe

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



29.2057, 0.3357, 0.3275



50.2972, 0.3415, 0.3272



32.2623, 0.3347, 0.3439



7.0910, 0.3278, 0.3280



6.0664, 0.6336, 0.3264



0.1290, 0.6044, 0.3103

Previews

White Background



This preview shows how the Yxy color 34.9460, 0.2935, 0.3305 looks on a white background.

Color Contrast Check

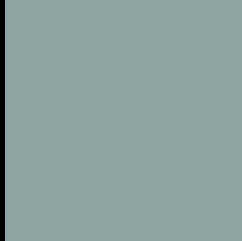
Large Text (above 18pt) WCAG AA × Fail

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 34.9460, 0.2935, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

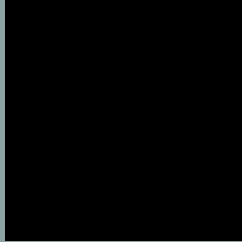
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

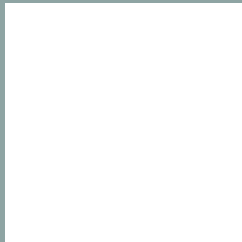
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.9460, 0.2935, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 34.9460, 0.2935, 0.3305.



This preview shows how white text looks on a background with the Yxy color 34.9460, 0.2935, 0.3305.

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

34.9460, 0.2935, 0.3305

Protanopia

35.0157, 0.3147, 0.3275

Deuteranopia

34.5985, 0.3204, 0.3135



Tritanopia

34.8651, 0.2856, 0.3096

Trichromacy



Original Color

34.9460, 0.2935, 0.3305

Protanomaly

35.0315, 0.3070, 0.3290

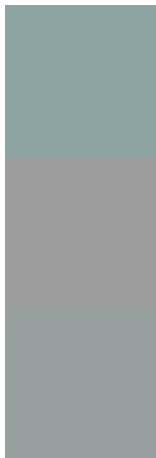
Deuteranomaly

34.7111, 0.3102, 0.3203

Tritanomaly

34.9743, 0.2879, 0.3169

Monochromacy



Original Color

34.9460, 0.2935, 0.3305

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.3202, 0.3060, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9460, 0.2935, 0.3305 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(142, 164, 163)` looks like.

```
.text, #text, p{  
    color:rgb(142, 164, 163)  
}
```

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(142, 164, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 164, 163) }
```

Border

The CSS property to change the border of an element to Yxy 34.9460, 0.2935, 0.3305 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(142, 164, 163) }
```

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

```
.border{ border-color:rgb(142, 164, 163) }
```

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

Here you see how a box with a 4 pixel rgb(142, 164, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 164, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 164, 163);  
box-shadow:4px 4px 4px 4px rgb(142, 164,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9460, 0.2935, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 164, 163) }
```

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

```
.background{ background-color: rgb(142,  
164, 163) }
```

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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