

Converting Colors

Yxy(38.1367, 0.3145, 0.3340)

Have a look what the booklet for
Yxy(38.1367, 0.3145, 0.3340)
contains.

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Color

Yxy(38.2811, 0.3143, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	A5A7A3
RGB	165, 167, 163
RGB Percent	65%, 65%, 64%
CMY	0.3529, 0.3451, 0.3608
CMYK	0.01, 0.00, 0.02, 0.35
HSL	90°, 2%, 65%
HSV	90°, 2%, 65%
XYZ	35.9479, 38.2811, 40.1454
YIQ	165.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

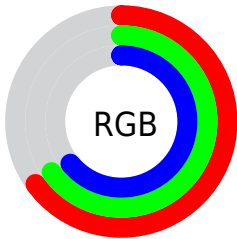
Format	Color
RYB	163, 167, 165
Decimal	10856355
CIELab	68.23, -1.46, 1.81
CIElCh	68, 2.323, 128.944
Yxy	38.2811, 0.3143, 0.3347
Android (android.graphics.Color)	4289046435 (0xFFA5A7A3)
YUV	165.9460, -1.4524, -0.8296
Hunter-Lab	61.8717, -4.5659, 4.8400

Details

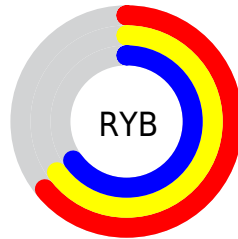
The Yxy color **38.2811, 0.3143, 0.3347** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9844, 0.3111, 0.3233**, and the grayscale version is **38.1142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5202, 0.3139, 0.3334**, and **16.9199, 0.3149, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **36.8592, 0.3209, 0.3598**, and if you desaturate by 10%, it is **39.8435, 0.3077, 0.3117**.

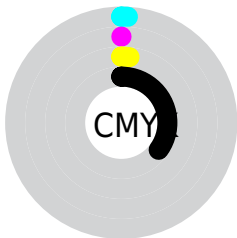
Distribution



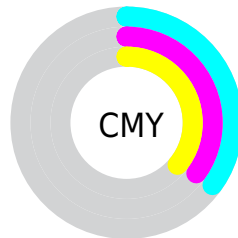
- Red (65%)
- Green (65%)
- Blue (64%)



- Red (64%)
- Yellow (65%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)





- Cyan (35%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.2811, 0.3143, 0.3347 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 38.2811, 0.3143, 0.3347 by changing the saturation by 10% instead.


 38.2811, 0.3143,
0.3347


 38.2811, 0.3143,
0.3347


338.8243, 0.3135,
0.3318

 26.2009, 0.3145,
0.3355


 72.5388, 0.3140,
0.3336

 16.9740, 0.3148,
0.3365


 95.4851, 0.3139,
0.3332

 10.2160, 0.3152,
0.3379


122.8222, 0.3138,
0.3329

 5.5424, 0.3157,
0.3399

154.9346, 0.3137,
0.3326

 2.5689, 0.3165,
0.3431

192.2066, 0.3136,
0.3323

 0.9110, 0.3185,
0.3495

235.0226, 0.3136,

 0.0000, 0.0000,

0.3321

0.0000

283.7670, 0.3135,
0.3319

■ 38.2811, 0.3143,
0.3347

■ 38.2811, 0.3143,
0.3347

■ 36.8592, 0.3209,
0.3598

■ 39.8435, 0.3077,
0.3117

■ 35.5686, 0.3274,
0.3869

■ 41.5454, 0.3014,
0.2909

■ 34.4066, 0.3335,
0.4155

■ 43.3922, 0.2954,
0.2723

■ 33.3685, 0.3388,
0.4449

■ 45.3877, 0.2897,
0.2556

■ 32.4494, 0.3430,
0.4741

■ 47.5352, 0.2843,
0.2407

■ 31.6437, 0.3455,
0.5018

■ 49.2984, 0.2849,
0.2346

■ 30.9456, 0.3461,
0.5264

■ 50.5906, 0.2914,
0.2363

■ 30.3484, 0.3445,
0.5467

■ 51.9478, 0.2980,
0.2381

■ 29.8444, 0.3409,
0.5617

■ 53.3710, 0.3046,
0.2399

Harmonies

Analogous

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



38.2811, 0.3174, 0.3349



38.2811, 0.3143, 0.3347



38.2811, 0.3108, 0.3329

Triad

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



38.2811, 0.3143, 0.3347



38.2811, 0.3062, 0.3244



38.2811, 0.3176, 0.3279

Complementary

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



38.2811, 0.3143, 0.3347



36.9844, 0.3111, 0.3233

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.



38.2811, 0.3146, 0.3252



38.2811, 0.3143, 0.3347



38.2811, 0.3081, 0.3231

Square

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



38.2811, 0.3143, 0.3347



38.2811, 0.3062, 0.3270



38.2811, 0.3111, 0.3234



38.2811, 0.3193, 0.3310

Rectangle

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



38.2811, 0.3143, 0.3347



38.2811, 0.3087, 0.3311



38.2811, 0.3111, 0.3234



38.2811, 0.3168, 0.3269

Sweetspot

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



38.2827, 0.3143, 0.3347



68.9304, 0.3134, 0.3314



37.7472, 0.3163, 0.3318



15.4288, 0.3134, 0.3313



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.



38.2827, 0.3143, 0.3347



68.3847, 0.3147, 0.3363



38.0764, 0.3125, 0.3347



8.7699, 0.3152, 0.3379



22.6113, 0.3380, 0.5698



0.5806, 0.3643, 0.5489

Inverse Universe

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



36.9844, 0.3111, 0.3233



65.4316, 0.3106, 0.3217



37.1939, 0.3129, 0.3233



8.3099, 0.3102, 0.3201



3.5799, 0.2037, 0.0896



0.1176, 0.2416, 0.1104

Previews

White Background



This preview shows how the Yxy color 38.2811, 0.3143, 0.3347 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 38.2811, 0.3143, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

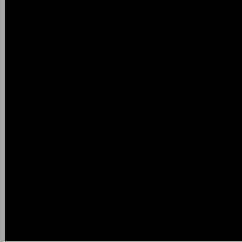
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

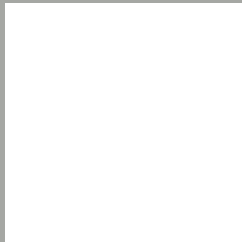
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.2811, 0.3143, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 38.2811, 0.3143, 0.3347.



This preview shows how white text looks on a background with the Yxy color 38.2811, 0.3143, 0.3347.

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

38.2811, 0.3143, 0.3347

Protanopia

38.0649, 0.3200, 0.3333

Deuteranopia

38.2374, 0.3312, 0.3250



Tritanopia

38.3401, 0.3035, 0.3109

Trichromacy



Original Color

38.2811, 0.3143, 0.3347

Protanomaly

38.2059, 0.3180, 0.3347

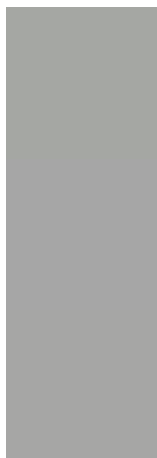
Deuteranomaly

38.1048, 0.3242, 0.3277

Tritanomaly

38.3966, 0.3068, 0.3192

Monochromacy



Original Color

38.2811, 0.3143, 0.3347

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.0960, 0.3136, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2811, 0.3143, 0.3347 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(165, 167, 163)` looks like.

```
.text, #text, p{  
    color:rgb(165, 167, 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(165, 167, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 167, 163) }
```

Border

The CSS property to change the border of an element to Yxy 38.2811, 0.3143, 0.3347 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(165, 167, 163) }
```

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

```
.border{ border-color:rgb(165, 167, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 167, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 167, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 167, 163);  
box-shadow:4px 4px 4px 4px rgb(165, 167,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2811, 0.3143, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 167, 163) }
```

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

```
.background{ background-color: rgb(165,  
167, 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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