

Converting Colors

$Yxy(39.3127, 0.3181, 0.3506)$

Have a look what the booklet for
Yxy(39.3127, 0.3181, 0.3506)
contains.

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Color

Yxy(39.3127, 0.3181, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	A3AB9C
RGB	163, 171, 156
RGB Percent	64%, 67%, 61%
CMY	0.3607, 0.3294, 0.3883
CMYK	0.05, 0.00, 0.09, 0.33
HSL	92°, 8%, 64%
HSV	92°, 9%, 67%
XYZ	35.6685, 39.3127, 37.1486
YIQ	166.8980, 0.0470, -6.3610

Conversions

Conversions Part 2

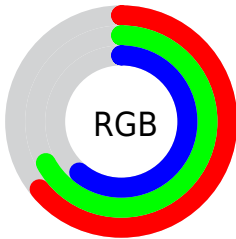
Format	Color
RYB	156, 171, 164
Decimal	10726300
CIELab	68.98, -5.63, 6.76
CIElCh	69, 8.799, 129.793
Yxy	39.3127, 0.3181, 0.3506
Android (android.graphics.Color)	4288916380 (0xFFA3AB9C)
YUV	166.8980, -5.3727, -3.4185
Hunter-Lab	62.6998, -8.1802, 8.7616

Details

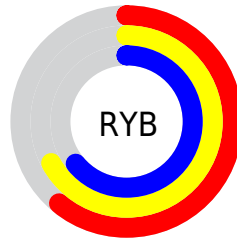
The Yxy color $39.3127, 0.3181, 0.3506$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $34.5968, 0.3069, 0.3075$, and the grayscale version is $38.6191, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.9513, 0.3175, 0.3466$, and $17.5931, 0.3190, 0.3574$ is the 20% darker color. If you saturate the color by 10%, you get $37.8502, 0.3241, 0.3772$, and if you desaturate by 10%, it is $40.9291, 0.3120, 0.3262$.

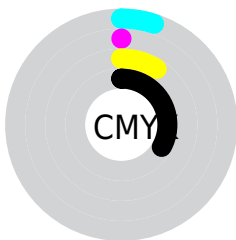
Distribution



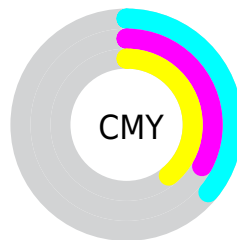
- Red (64%)
- Green (67%)
- Blue (61%)



- Red (61%)
- Yellow (67%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)





- Cyan (36%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3127, 0.3181, 0.3506 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 39.3127, 0.3181, 0.3506 by changing the saturation by 10% instead.


 39.3127, 0.3181,
0.3506


 39.3127, 0.3181,
0.3506


343.2181, 0.3154,
0.3394

 27.0031, 0.3188,
0.3536


 74.1158, 0.3171,
0.3464

 17.5755, 0.3197,
0.3574


 97.3780, 0.3167,
0.3449

 10.6457, 0.3208,
0.3628


125.0599, 0.3164,
0.3436

 5.8291, 0.3224,
0.3706

157.5459, 0.3162,
0.3425

 2.7414, 0.3249,
0.3831

195.2203, 0.3159,
0.3415

 0.9983, 0.3342,
0.4134

238.4675, 0.3157,

 0.0000, 0.0000,

0.3407

0.0000

287.6720, 0.3156,
0.3400

■ 39.3127, 0.3181,
0.3506

■ 39.3127, 0.3181,
0.3506

■ 37.8502, 0.3241,
0.3772

■ 40.9291, 0.3120,
0.3262

■ 36.5317, 0.3299,
0.4056

■ 42.6988, 0.3060,
0.3040

■ 35.3538, 0.3350,
0.4352

■ 44.6280, 0.3002,
0.2840

■ 34.3109, 0.3391,
0.4651

■ 46.7208, 0.2947,
0.2662

■ 33.3973, 0.3417,
0.4941

■ 48.9813, 0.2895,
0.2503

■ 32.6065, 0.3426,
0.5205

■ 51.1808, 0.2871,
0.2394

■ 31.9315, 0.3414,
0.5430

■ 52.6165, 0.2941,
0.2412

■ 31.3642, 0.3382,
0.5603

■ 54.1300, 0.3013,
0.2430

■ 30.8910, 0.3334,
0.5726

■ 55.7227, 0.3085,
0.2448

Harmonies

Analogous

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



39.3127, 0.3299, 0.3514



39.3127, 0.3181, 0.3506



39.3127, 0.3050, 0.3436

Triad

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



39.3127, 0.3181, 0.3506



39.3127, 0.2887, 0.3115



39.3127, 0.3315, 0.3252

Complementary

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



39.3127, 0.3181, 0.3506



34.5968, 0.3069, 0.3075

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.



39.3127, 0.3201, 0.3150



39.3127, 0.3181, 0.3506



39.3127, 0.2955, 0.3071

Square

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



39.3127, 0.3181, 0.3506



39.3127, 0.2883, 0.3207



39.3127, 0.3069, 0.3085



39.3127, 0.3378, 0.3365

Rectangle

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



39.3127, 0.3181, 0.3506



39.3127, 0.2973, 0.3365



39.3127, 0.3069, 0.3085



39.3127, 0.3282, 0.3215

Sweetspot

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



39.3144, 0.3181, 0.3506



72.0330, 0.3146, 0.3363



37.5151, 0.3265, 0.3401



16.0123, 0.3151, 0.3382



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.



39.3144, 0.3181, 0.3506



69.7528, 0.3196, 0.3568



38.5999, 0.3115, 0.3506



9.1164, 0.3184, 0.3519



23.2775, 0.3335, 0.5734



0.6803, 0.3583, 0.5537

Inverse Universe

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



34.5968, 0.3069, 0.3075



59.1640, 0.3052, 0.3013



35.3573, 0.3139, 0.3083



7.9588, 0.3066, 0.3061



3.9197, 0.2101, 0.0931



0.1412, 0.2432, 0.1113

Previews

White Background



This preview shows how the Yxy color 39.3127, 0.3181, 0.3506 looks on a white background.

Color Contrast Check

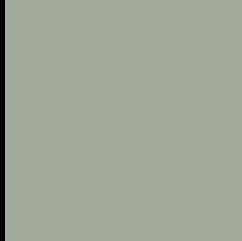
Large Text (above 18pt) WCAG AA × Fail

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 39.3127, 0.3181, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

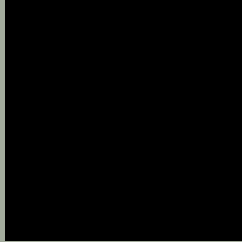
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

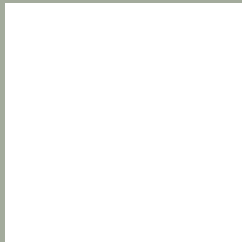
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.3127, 0.3181, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 39.3127, 0.3181, 0.3506.



This preview shows how white text looks on a background with the Yxy color 39.3127, 0.3181, 0.3506.

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

39.3127, 0.3181, 0.3506

Protanopia

39.3370, 0.3305, 0.3486

Deuteranopia

39.0006, 0.3416, 0.3345



Tritanopia

39.1891, 0.3010, 0.3097

Trichromacy



Original Color

39.3127, 0.3181, 0.3506

Protanomaly

39.2885, 0.3257, 0.3488

Deuteranomaly

38.9283, 0.3331, 0.3401

Tritanomaly

39.0908, 0.3075, 0.3234

Monochromacy



Original Color

39.3127, 0.3181, 0.3506

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7566, 0.3151, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3127, 0.3181, 0.3506 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(163, 171, 156)` looks like.

```
.text, #text, p{  
    color:rgb(163, 171, 156)  
}
```

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(163, 171, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 171, 156) }
```

Border

The CSS property to change the border of an element to Yxy 39.3127, 0.3181, 0.3506 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(163, 171, 156) }
```

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

```
.border{ border-color:rgb(163, 171, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 171, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 171, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 171, 156);  
box-shadow:4px 4px 4px 4px rgb(163, 171,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3127, 0.3181, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 171, 156) }
```

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

```
.background{ background-color: rgb(163,  
171, 156) }
```

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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