

Converting Colors

$Y_{xy}(38.9215, 0.2968, 0.3370)$

Have a look what the booklet for
Yxy(38.9215, 0.2968, 0.3370)
contains.

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Color

Yxy(39.0667, 0.2966, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	95ADA7
RGB	149, 173, 167
RGB Percent	58%, 68%, 65%
CMY	0.4158, 0.3215, 0.3450
CMYK	0.14, 0.00, 0.03, 0.32
HSL	165°, 13%, 63%
HSV	165°, 14%, 68%
XYZ	34.3121, 39.0667, 42.3059
YIQ	165.1400, -12.3780, -6.9540

Conversions

Conversions Part 2

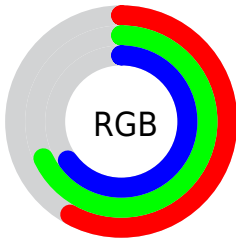
Format	Color
R_{YB}	149, 163, 173
Decimal	9809319
CIE _{Lab}	68.80, -9.50, 0.27
CIE _{LCh}	69, 9.500, 178.400
Yxy	39.0667, 0.2966, 0.3377
Android (android.graphics.Color)	4287999399 (0xFF95ADA7)
YUV	165.1400, 0.9170, -14.1548
Hunter-Lab	62.5034, -11.3909, 3.6215

Details

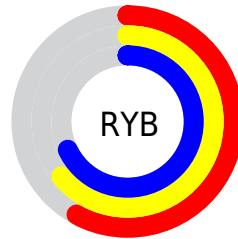
The Yxy color $39.0667, 0.2966, 0.3377$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $32.7379, 0.3318, 0.3205$, and the grayscale version is $37.6972, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.4572, 0.2996, 0.3357$, and $17.5092, 0.2919, 0.3414$ is the 20% darker color. If you saturate the color by 10%, you get $37.4039, 0.2857, 0.3447$, and if you desaturate by 10%, it is $40.9798, 0.3081, 0.3313$.

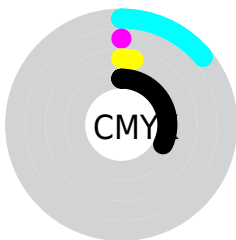
Distribution



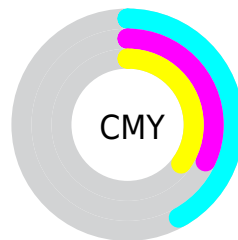
- Red (58%)
- Green (68%)
- Blue (65%)



- Red (58%)
- Yellow (64%)
- Blue (68%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (32%)





- Cyan (42%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0667, 0.2966, 0.3377 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 39.0667, 0.2966, 0.3377 by changing the saturation by 10% instead.

 39.0667, 0.2966,
0.3377

 39.0667, 0.2966,
0.3377


342.1740, 0.3049,
0.3332

 26.8116, 0.2944,
0.3389


 73.7402, 0.2997,
0.3360

 17.4318, 0.2916,
0.3404


 96.9274, 0.3008,
0.3354

 10.5428, 0.2878,
0.3425


124.5275, 0.3018,
0.3349

 5.7603, 0.2823,
0.3455

156.9247, 0.3026,
0.3345

 2.6999, 0.2735,
0.3502

194.5036, 0.3033,
0.3341

 0.9771, 0.2556,
0.3598

237.6485, 0.3039,

 0.0000, 0.0000,

0.3338

0.0000

286.7439, 0.3044,
0.3335

■ 39.0667, 0.2966,
0.3377

■ 39.0667, 0.2966,
0.3377

■ 37.4039, 0.2857,
0.3447

■ 40.9798, 0.3081,
0.3313

■ 35.9757, 0.2756,
0.3523

■ 43.1483, 0.3200,
0.3256

■ 34.7725, 0.2666,
0.3604

■ 45.5833, 0.3320,
0.3204

■ 33.7816, 0.2591,
0.3690

■ 48.2938, 0.3439,
0.3158

■ 32.9896, 0.2533,
0.3779

■ 51.2882, 0.3556,
0.3118

■ 32.3811, 0.2493,
0.3870

■ 54.5748, 0.3671,
0.3083

■ 31.9385, 0.2472,
0.3962

■ 55.1877, 0.3651,
0.3040

■ 31.6407, 0.2470,
0.4053

■ 55.3879, 0.3612,
0.2996

■ 31.5009, 0.2475,
0.4109

■ 55.5939, 0.3574,
0.2952

Harmonies

Analogous

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



39.0667, 0.3097, 0.3484



39.0667, 0.2966, 0.3377



39.0667, 0.2879, 0.3247

Triad

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



39.0667, 0.2966, 0.3377



39.0667, 0.3013, 0.3056



39.0667, 0.3404, 0.3439

Complementary

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



39.0667, 0.2966, 0.3377



32.7379, 0.3318, 0.3205

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.



39.0667, 0.3381, 0.3324



39.0667, 0.2966, 0.3377



39.0667, 0.3153, 0.3107

Square

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



39.0667, 0.2966, 0.3377



39.0667, 0.2906, 0.3064



39.0667, 0.3289, 0.3204



39.0667, 0.3351, 0.3518

Rectangle

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



39.0667, 0.2966, 0.3377



39.0667, 0.2857, 0.3167



39.0667, 0.3289, 0.3204



39.0667, 0.3405, 0.3403

Sweetspot

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



39.0683, 0.2966, 0.3377



73.3209, 0.3079, 0.3314



39.0260, 0.3164, 0.3645



15.8764, 0.3071, 0.3319



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.



39.0683, 0.2966, 0.3377



68.8991, 0.2928, 0.3400



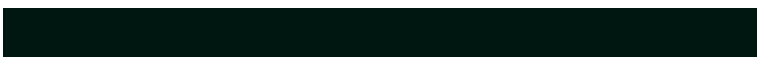
37.0421, 0.2917, 0.3201



9.0375, 0.3018, 0.3347



23.1496, 0.2472, 0.4099



0.6520, 0.2396, 0.3824

Inverse Universe

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



32.7379, 0.3318, 0.3205



55.1090, 0.3373, 0.3183



34.4920, 0.3366, 0.3377



8.0468, 0.3249, 0.3234



6.6630, 0.5896, 0.3022



0.1941, 0.5054, 0.2558

Previews

White Background



This preview shows how the Yxy color 39.0667, 0.2966, 0.3377 looks on a white background.

Color Contrast Check

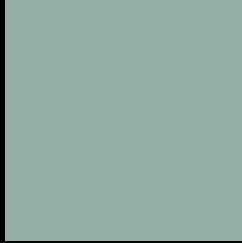
Large Text (above 18pt) WCAG AA × Fail

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 39.0667, 0.2966, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

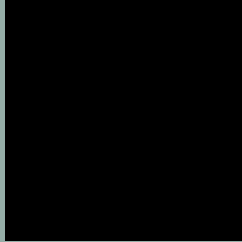
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

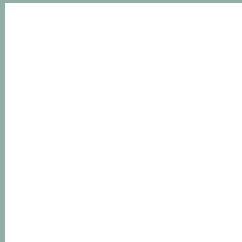
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0667, 0.2966, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 39.0667, 0.2966, 0.3377.

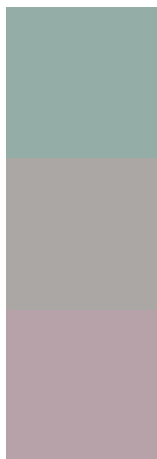


This preview shows how white text looks on a background with the Yxy color 39.0667, 0.2966, 0.3377.

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

39.0667, 0.2966, 0.3377

Protanopia

38.9757, 0.3190, 0.3332

Deuteranopia

38.7725, 0.3265, 0.3196



Tritanopia

38.8855, 0.2859, 0.3091

Trichromacy



Original Color

39.0667, 0.2966, 0.3377

Protanomaly

38.8791, 0.3106, 0.3347

Deuteranomaly

38.7575, 0.3156, 0.3262

Tritanomaly

38.9195, 0.2897, 0.3189

Monochromacy



Original Color

39.0667, 0.2966, 0.3377

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.1294, 0.3062, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0667, 0.2966, 0.3377 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(149, 173, 167)` looks like.

```
.text, #text, p{  
    color:rgb(149, 173, 167)  
}
```

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(149, 173, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 173, 167) }
```

Border

The CSS property to change the border of an element to Yxy 39.0667, 0.2966, 0.3377 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(149, 173, 167) }
```

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

```
.border{ border-color:rgb(149, 173, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 173, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 173, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 173, 167);  
box-shadow:4px 4px 4px 4px rgb(149, 173,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0667, 0.2966, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 173, 167) }
```

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

```
.background{ background-color: rgb(149,  
173, 167) }
```

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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