

Converting Colors

$Yxy(40.0538, 0.3003, 0.3455)$

Have a look what the booklet for
Yxy(40.0538, 0.3003, 0.3455)
contains.

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Color

Yxy(39.9196, 0.3007, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	97AFA4
RGB	151, 175, 164
RGB Percent	59%, 69%, 64%
CMY	0.4078, 0.3137, 0.3568
CMYK	0.14, 0.00, 0.06, 0.31
HSL	153°, 13%, 64%
HSV	153°, 14%, 69%
XYZ	34.7937, 39.9196, 40.9957
YIQ	166.5700, -10.7730, -8.5090

Conversions

Conversions Part 2

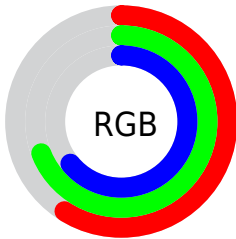
Format	Color
RYB	151, 167, 175
Decimal	9940900
CIELab	69.41, -10.48, 2.84
CIELCh	69, 10.858, 164.816
Yxy	39.9196, 0.3007, 0.3450
Android (android.graphics.Color)	4288130980 (0xFF97AFA4)
YUV	166.5700, -1.2670, -13.6549
Hunter-Lab	63.1820, -12.2702, 5.7570

Details

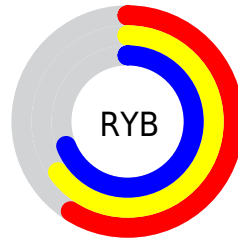
The Yxy color **39.9196, 0.3007, 0.3450** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8566, 0.3266, 0.3135**, and the grayscale version is **38.4348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2454, 0.3027, 0.3423**, and **18.0451, 0.2974, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **38.0886, 0.2923, 0.3582**, and if you desaturate by 10%, it is **42.0208, 0.3094, 0.3331**.

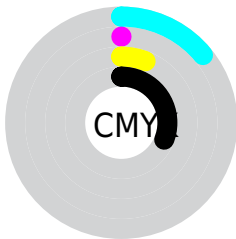
Distribution



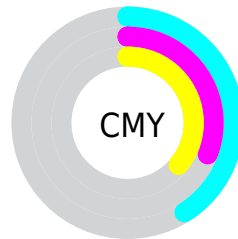
- Red (59%)
- Green (69%)
- Blue (64%)



- Red (59%)
- Yellow (65%)
- Blue (69%)



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)





- Cyan (41%)
- Magenta (31%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9196, 0.3007, 0.3450 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 39.9196, 0.3007, 0.3450 by changing the saturation by 10% instead.


 39.9196, 0.3007,
0.3450


 39.9196, 0.3007,
0.3450

345.7846, 0.3069,
0.3367

 27.4759, 0.2991,
0.3472


 75.0411, 0.3030,
0.3419

 17.9309, 0.2970,
0.3500


 98.4876, 0.3039,
0.3408

 10.9004, 0.2941,
0.3540


126.3705, 0.3046,
0.3398

 5.9999, 0.2898,
0.3597

159.0742, 0.3052,
0.3390

 2.8450, 0.2832,
0.3688

196.9830, 0.3057,
0.3383

 1.0514, 0.2699,
0.3863

240.4815, 0.3062,

 0.0000, 0.0000,

0.3377

0.0000

289.9538, 0.3066,
0.3372

■ 39.9196, 0.3007,
0.3450

■ 39.9196, 0.3007,
0.3450

■ 38.0886, 0.2923,
0.3582

■ 42.0208, 0.3094,
0.3331

■ 36.5115, 0.2845,
0.3727

■ 44.3977, 0.3183,
0.3225

■ 35.1779, 0.2777,
0.3883

■ 47.0619, 0.3271,
0.3130

■ 34.0747, 0.2720,
0.4050

■ 50.0230, 0.3358,
0.3047

■ 33.1876, 0.2679,
0.4224

■ 53.2900, 0.3442,
0.2974

■ 32.5006, 0.2655,
0.4402

■ 56.6806, 0.3514,
0.2909

■ 31.9953, 0.2651,
0.4579

■ 57.0957, 0.3445,
0.2830

■ 31.6498, 0.2667,
0.4752

■ 57.5312, 0.3377,
0.2752

■ 31.4842, 0.2683,
0.4857

■ 57.9874, 0.3312,
0.2677

Harmonies

Analogous

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



39.9196, 0.3166, 0.3547



39.9196, 0.3007, 0.3450



39.9196, 0.2883, 0.3308

Triad

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



39.9196, 0.3007, 0.3450



39.9196, 0.2936, 0.3020



39.9196, 0.3441, 0.3402

Complementary

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



39.9196, 0.3007, 0.3450



33.8566, 0.3266, 0.3135

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.



39.9196, 0.3377, 0.3265



39.9196, 0.3007, 0.3450



39.9196, 0.3082, 0.3049

Square

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



39.9196, 0.3007, 0.3450



39.9196, 0.2843, 0.3061



39.9196, 0.3244, 0.3138



39.9196, 0.3419, 0.3515

Rectangle

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



39.9196, 0.3007, 0.3450



39.9196, 0.2835, 0.3210



39.9196, 0.3244, 0.3138



39.9196, 0.3429, 0.3358

Sweetspot

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



39.9213, 0.3007, 0.3450



75.1129, 0.3091, 0.3335



40.5983, 0.3211, 0.3635



16.6291, 0.3085, 0.3343



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.9213, 0.3007, 0.3450



70.6090, 0.2985, 0.3483



40.0255, 0.2922, 0.3278



9.0092, 0.3045, 0.3396



22.5585, 0.2677, 0.4838



0.6384, 0.2533, 0.4319

Inverse Universe

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



33.8566, 0.3266, 0.3135



57.9451, 0.3296, 0.3105



33.7409, 0.3373, 0.3302



8.0741, 0.3217, 0.3187



6.9557, 0.5100, 0.2583



0.2046, 0.4386, 0.2190

Previews

White Background



This preview shows how the Yxy color 39.9196, 0.3007, 0.3450 looks on a white background.

Color Contrast Check

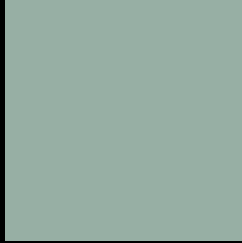
Large Text (above 18pt) WCAG AA × Fail

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 39.9196, 0.3007, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

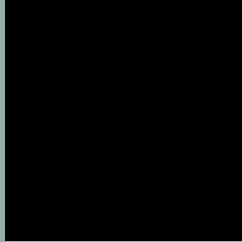
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

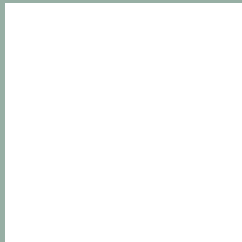
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.9196, 0.3007, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 39.9196, 0.3007, 0.3450.



This preview shows how white text looks on a background with the Yxy color 39.9196, 0.3007, 0.3450.

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

39.9196, 0.3007, 0.3450

Protanopia

39.5420, 0.3252, 0.3402

Deuteranopia

39.8689, 0.3328, 0.3264



Tritanopia

39.9764, 0.2878, 0.3107

Trichromacy



Original Color

39.9196, 0.3007, 0.3450

Protanomaly

39.8060, 0.3166, 0.3432

Deuteranomaly

39.7205, 0.3208, 0.3332

Tritanomaly

39.9315, 0.2931, 0.3232

Monochromacy



Original Color

39.9196, 0.3007, 0.3450

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.0797, 0.3079, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9196, 0.3007, 0.3450 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(151, 175, 164)` looks like.

```
.text, #text, p{  
    color:rgb(151, 175, 164)  
}
```

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(151, 175, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 175, 164) }
```

Border

The CSS property to change the border of an element to Yxy 39.9196, 0.3007, 0.3450 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(151, 175, 164) }
```

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

```
.border{ border-color:rgb(151, 175, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 175, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 175, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 175, 164);  
box-shadow:4px 4px 4px 4px rgb(151, 175,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9196, 0.3007, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 175, 164) }
```

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

```
.background{ background-color: rgb(151,  
175, 164) }
```

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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