

Converting Colors

$Yxy(39.5080, 0.3150, 0.3389)$

Have a look what the booklet for
Yxy(39.5080, 0.3150, 0.3389)
contains.

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Color

Yxy(39.5008, 0.3150, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	A6AAA3
RGB	166, 170, 163
RGB Percent	65%, 67%, 64%
CMY	0.3489, 0.3333, 0.3608
CMYK	0.02, 0.00, 0.04, 0.33
HSL	94°, 4%, 65%
HSV	94°, 4%, 67%
XYZ	36.7151, 39.5008, 40.3400
YIQ	168.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

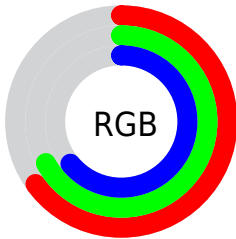
Format	Color
RYB	163, 170, 167
Decimal	10922659
CIELab	69.11, -2.72, 3.10
CIELCh	69, 4.126, 131.263
Yxy	39.5008, 0.3150, 0.3389
Android (android.graphics.Color)	4289112739 (0xFFA6AAA3)
YUV	168.0060, -2.4680, -1.7593
Hunter-Lab	62.8497, -5.7119, 5.9395

Details

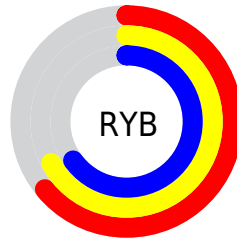
The Yxy color **39.5008, 0.3150, 0.3389** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3101, 0.3104, 0.3191**, and the grayscale version is **39.1758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2845, 0.3145, 0.3366**, and **17.6820, 0.3159, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **37.9286, 0.3205, 0.3646**, and if you desaturate by 10%, it is **41.2367, 0.3095, 0.3155**.

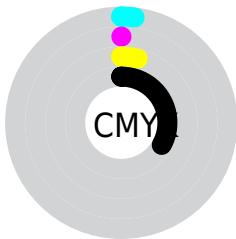
Distribution



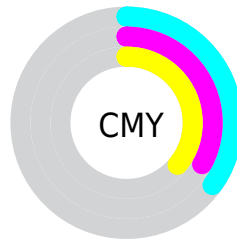
- Red (65%)
- Green (67%)
- Blue (64%)



- Red (64%)
- Yellow (67%)
- Blue (65%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (33%)




- Cyan (35%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5008, 0.3150, 0.3389 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 39.5008, 0.3150, 0.3389 by changing the saturation by 10% instead.


 39.5008, 0.3150,
0.3389


 39.5008, 0.3150,
0.3389

344.0150, 0.3138,
0.3338

 27.1495, 0.3153,
0.3402


 74.4027, 0.3146,
0.3370

 17.6856, 0.3157,
0.3420


 97.7222, 0.3144,
0.3363

 10.7245, 0.3162,
0.3444


125.4666, 0.3143,
0.3357

 5.8819, 0.3169,
0.3478

158.0202, 0.3142,
0.3352

 2.7734, 0.3181,
0.3534

195.7674, 0.3141,
0.3348

 1.0146, 0.3203,
0.3637

239.0927, 0.3140,

 0.0000, 0.0000,

0.3344

0.0000

288.3804, 0.3139,
0.3341

■ 39.5008, 0.3150,
0.3389

■ 39.5008, 0.3150,
0.3389

■ 37.9286, 0.3205,
0.3646

■ 41.2367, 0.3095,
0.3155

■ 36.5100, 0.3258,
0.3924

■ 43.1359, 0.3041,
0.2945

■ 35.2416, 0.3307,
0.4218

■ 45.2045, 0.2989,
0.2757

■ 34.1177, 0.3347,
0.4522

■ 47.4471, 0.2940,
0.2589

■ 33.1323, 0.3375,
0.4823

■ 49.8676, 0.2894,
0.2441

■ 32.2792, 0.3388,
0.5107

■ 51.8092, 0.2920,
0.2396

■ 31.5512, 0.3381,
0.5358

■ 53.3957, 0.2996,
0.2416

■ 30.9405, 0.3356,
0.5561

■ 55.0713, 0.3073,
0.2435

■ 30.4379, 0.3312,
0.5707

■ 56.8372, 0.3150,
0.2455

Harmonies

Analogous

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



39.5008, 0.3206, 0.3395



39.5008, 0.3150, 0.3389



39.5008, 0.3089, 0.3356

Triad

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



39.5008, 0.3150, 0.3389



39.5008, 0.3015, 0.3207



39.5008, 0.3217, 0.3275

Complementary

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



39.5008, 0.3150, 0.3389



37.3101, 0.3104, 0.3191

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.



39.5008, 0.3165, 0.3226



39.5008, 0.3150, 0.3389



39.5008, 0.3049, 0.3187

Square

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



39.5008, 0.3150, 0.3389



39.5008, 0.3011, 0.3250



39.5008, 0.3104, 0.3194



39.5008, 0.3245, 0.3329

Rectangle

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



39.5008, 0.3150, 0.3389



39.5008, 0.3053, 0.3323



39.5008, 0.3104, 0.3194



39.5008, 0.3202, 0.3258

Sweetspot

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



39.5025, 0.3150, 0.3389



72.6186, 0.3133, 0.3314



38.8152, 0.3189, 0.3346



16.1981, 0.3132, 0.3313



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.



39.5025, 0.3150, 0.3389



71.3843, 0.3155, 0.3413



39.1964, 0.3119, 0.3383



8.6918, 0.3158, 0.3425



22.2349, 0.3291, 0.5769



0.5714, 0.3569, 0.5548

Inverse Universe

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



37.3101, 0.3104, 0.3191



66.4946, 0.3098, 0.3167



37.6254, 0.3136, 0.3199



8.0414, 0.3095, 0.3156



4.0201, 0.2178, 0.0974



0.1272, 0.2522, 0.1163

Previews

White Background



This preview shows how the Yxy color 39.5008, 0.3150, 0.3389 looks on a white background.

Color Contrast Check

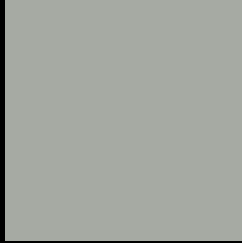
Large Text (above 18pt) WCAG AA × Fail

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 39.5008, 0.3150, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

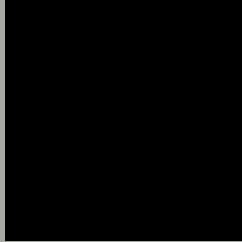
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

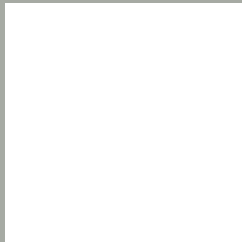
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5008, 0.3150, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 39.5008, 0.3150, 0.3389.



This preview shows how white text looks on a background with the Yxy color 39.5008, 0.3150, 0.3389.

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

39.5008, 0.3150, 0.3389

Protanopia

39.4981, 0.3225, 0.3374

Deuteranopia

39.3138, 0.3338, 0.3277



Tritanopia

39.4086, 0.3028, 0.3098

Trichromacy



Original Color

39.5008, 0.3150, 0.3389

Protanomaly

39.5306, 0.3196, 0.3388

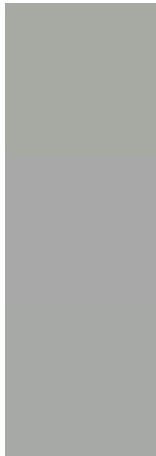
Deuteranomaly

39.5365, 0.3267, 0.3318

Tritanomaly

39.3861, 0.3077, 0.3206

Monochromacy



Original Color

39.5008, 0.3150, 0.3389

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.3446, 0.3134, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5008, 0.3150, 0.3389 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(166, 170, 163)` looks like.

```
.text, #text, p{  
    color:rgb(166, 170, 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(166, 170, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 170, 163) }
```

Border

The CSS property to change the border of an element to Yxy 39.5008, 0.3150, 0.3389 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(166, 170, 163) }
```

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

```
.border{ border-color:rgb(166, 170, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 170, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 170, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 170, 163);  
box-shadow:4px 4px 4px 4px rgb(166, 170,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5008, 0.3150, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 170, 163) }
```

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

```
.background{ background-color: rgb(166,  
170, 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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