

Converting Colors

$Yxy(39.0767, 0.3157, 0.3342)$

Have a look what the booklet for
Yxy(39.0767, 0.3157, 0.3342)
contains.

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Color

Yxy(39.0104, 0.3161, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	A8A8A4
RGB	168, 168, 164
RGB Percent	66%, 66%, 64%
CMY	0.3412, 0.3412, 0.3567
CMYK	0.00, 0.00, 0.02, 0.34
HSL	60°, 2%, 65%
HSV	60°, 2%, 66%
XYZ	36.8535, 39.0104, 40.7242
YIQ	167.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

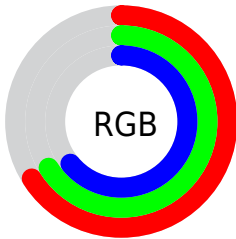
Format	Color
RYB	164, 168, 164
Decimal	11053220
CIELab	68.76, -0.74, 2.04
CIELCh	69, 2.167, 109.954
Yxy	39.0104, 0.3161, 0.3346
Android (android.graphics.Color)	4289243300 (0xFFA8A8A4)
YUV	167.5440, -1.7472, 0.3999
Hunter-Lab	62.4583, -3.9781, 5.0624

Details

The Yxy color **39.0104, 0.3161, 0.3346** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2864, 0.3093, 0.3233**, and the grayscale version is **38.9325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5778, 0.3153, 0.3333**, and **17.3736, 0.3175, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **38.4420, 0.3307, 0.3589**, and if you desaturate by 10%, it is **39.6624, 0.3020, 0.3113**.

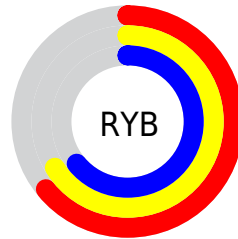
Distribution



Red (66%)

Green (66%)

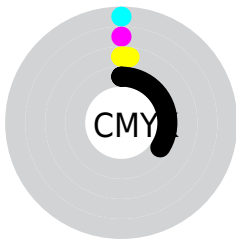
Blue (64%)



Red (64%)

Yellow (66%)

Blue (64%)

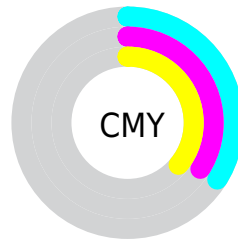


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (34%)



Cyan (34%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0104, 0.3161, 0.3346 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 39.0104, 0.3161, 0.3346 by changing the saturation by 10% instead.


 39.0104, 0.3161,
0.3346


 39.0104, 0.3161,
0.3346


341.9347, 0.3144,
0.3317

 26.7678, 0.3166,
0.3353


 73.6542, 0.3155,
0.3335

 17.3989, 0.3171,
0.3363


 96.8242, 0.3152,
0.3331

 10.5193, 0.3179,
0.3377


124.4055, 0.3150,
0.3328

 5.7446, 0.3191,
0.3396

156.7824, 0.3148,
0.3325

 2.6904, 0.3209,
0.3427

194.3394, 0.3147,
0.3323

 0.9723, 0.3243,
0.3484

237.4609, 0.3146,

 0.0000, 0.0000,

0.3321

0.0000

286.5312, 0.3145,
0.3319

■ 39.0104, 0.3161,
0.3346

■ 39.0104, 0.3161,
0.3346

■ 38.4420, 0.3307,
0.3589

■ 39.6624, 0.3020,
0.3113

■ 37.9489, 0.3457,
0.3835

■ 40.3959, 0.2888,
0.2894

■ 37.5296, 0.3604,
0.4080

■ 41.2153, 0.2765,
0.2690

■ 37.1805, 0.3745,
0.4313

■ 42.1233, 0.2652,
0.2503

■ 36.8978, 0.3873,
0.4526

■ 43.1225, 0.2548,
0.2332

■ 36.6771, 0.3984,
0.4709

■ 43.5655, 0.2508,
0.2266

■ 36.5138, 0.4072,
0.4856

■ 43.5680, 0.2509,
0.2266

■ 36.4025, 0.4135,
0.4961

■ 43.5705, 0.2509,
0.2266

■ 36.3368, 0.4173,
0.5025

■ 43.5730, 0.2509,
0.2266

Harmonies

Analogous

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



39.0104, 0.3183, 0.3339



39.0104, 0.3161, 0.3346



39.0104, 0.3130, 0.3338

Triad

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



39.0104, 0.3161, 0.3346



39.0104, 0.3065, 0.3262



39.0104, 0.3156, 0.3263

Complementary

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



39.0104, 0.3161, 0.3346



37.2864, 0.3093, 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.



39.0104, 0.3124, 0.3243



39.0104, 0.3161, 0.3346



39.0104, 0.3072, 0.3242

Square

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



39.0104, 0.3161, 0.3346



39.0104, 0.3074, 0.3289



39.0104, 0.3093, 0.3235



39.0104, 0.3180, 0.3291

Rectangle

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



39.0104, 0.3161, 0.3346



39.0104, 0.3108, 0.3326



39.0104, 0.3093, 0.3235



39.0104, 0.3146, 0.3255

Sweetspot

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



39.0121, 0.3161, 0.3346



70.9412, 0.3142, 0.3314



37.5692, 0.3164, 0.3290



15.4635, 0.3141, 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.



39.0121, 0.3161, 0.3346



70.7149, 0.3171, 0.3363



38.7965, 0.3143, 0.3346



8.8463, 0.3181, 0.3378



27.4164, 0.4191, 0.5054



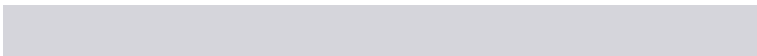
0.6672, 0.4192, 0.5054

Inverse Universe

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



37.2864, 0.3093, 0.3233



66.6843, 0.3083, 0.3216



37.4987, 0.3111, 0.3234



8.2353, 0.3073, 0.3200



2.1362, 0.1501, 0.0600



0.0521, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 39.0104, 0.3161, 0.3346 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 39.0104, 0.3161, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

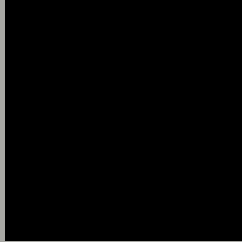
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

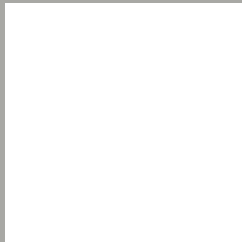
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0104, 0.3161, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 39.0104, 0.3161, 0.3346.



This preview shows how white text looks on a background with the Yxy color 39.0104, 0.3161, 0.3346.

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

39.0104, 0.3161, 0.3346

Protanopia

39.0524, 0.3208, 0.3346

Deuteranopia

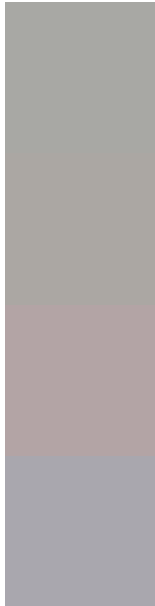
38.8716, 0.3321, 0.3250



Tritanopia

39.0732, 0.3054, 0.3111

Trichromacy



Original Color

39.0104, 0.3161, 0.3346

Protanomaly

38.9397, 0.3199, 0.3346

Deuteranomaly

38.8512, 0.3260, 0.3277

Tritanomaly

39.1284, 0.3086, 0.3193

Monochromacy



Original Color

39.0104, 0.3161, 0.3346

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.1201, 0.3136, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0104, 0.3161, 0.3346 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(168, 168, 164)` looks like.

```
.text, #text, p{  
    color:rgb(168, 168, 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(168, 168, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 168, 164) }
```

Border

The CSS property to change the border of an element to Yxy 39.0104, 0.3161, 0.3346 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(168, 168, 164) }
```

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

```
.border{ border-color:rgb(168, 168, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 168, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 168, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 168, 164);  
box-shadow:4px 4px 4px 4px rgb(168, 168,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0104, 0.3161, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 168, 164) }
```

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

```
.background{ background-color: rgb(168,  
168, 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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