

Converting Colors

$Yxy(39.9516, 0.3148, 0.3386)$

Have a look what the booklet for
Yxy(39.9516, 0.3148, 0.3386)
contains.

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Color

Yxy(40.0216, 0.3150, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	A7ABA4
RGB	167, 171, 164
RGB Percent	65%, 67%, 64%
CMY	0.3451, 0.3294, 0.3570
CMYK	0.02, 0.00, 0.04, 0.33
HSL	94°, 4%, 66%
HSV	94°, 4%, 67%
XYZ	37.1992, 40.0216, 40.8719
YIQ	169.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

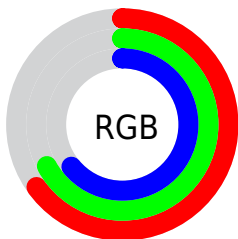
Format	Color
RYB	164, 171, 168
Decimal	10988452
CIELab	69.48, -2.73, 3.11
CIElCh	69, 4.144, 131.263
Yxy	40.0216, 0.3150, 0.3389
Android (android.graphics.Color)	4289178532 (0xFFA7ABA4)
YUV	169.0060, -2.4680, -1.7593
Hunter-Lab	63.2626, -5.7495, 5.9786

Details

The Yxy color **40.0216, 0.3150, 0.3389** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8020, 0.3104, 0.3191**, and the grayscale version is **39.6923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0368, 0.3145, 0.3366**, and **18.0083, 0.3158, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **38.4280, 0.3205, 0.3646**, and if you desaturate by 10%, it is **41.7812, 0.3095, 0.3155**.

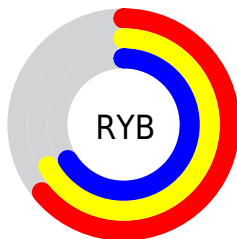
Distribution



Red (65%)

Green (67%)

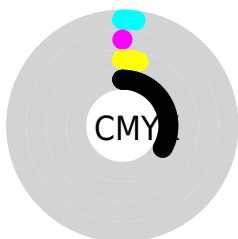
Blue (64%)



Red (64%)

Yellow (67%)

Blue (66%)

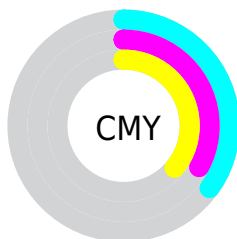


Cyan (2%)

Magenta (0%)

Yellow (4%)

Black (33%)



Cyan (35%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0216, 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 40.0216, 0.3150, 0.3389 by changing the saturation by 10% instead.

 40.0216, 0.3150,
0.3389


 40.0216, 0.3150,
0.3389


346.2146, 0.3138,
0.3338

 27.5554, 0.3153,
0.3402


 75.1964, 0.3146,
0.3370

 17.9908, 0.3157,
0.3420


 98.6738, 0.3144,
0.3363

 10.9434, 0.3162,
0.3443


126.5903, 0.3143,
0.3357

 6.0288, 0.3169,
0.3478

159.3305, 0.3142,
0.3352

 2.8626, 0.3180,
0.3532

197.2786, 0.3141,
0.3348

 1.0604, 0.3200,
0.3631

240.8190, 0.3140,

 0.0000, 0.0000,

0.3344

0.0000

290.3362, 0.3139,
0.3341

■ 40.0216, 0.3150,
0.3389

■ 40.0216, 0.3150,
0.3389

■ 38.4280, 0.3205,
0.3646

■ 41.7812, 0.3095,
0.3155

■ 36.9902, 0.3258,
0.3924

■ 43.7064, 0.3041,
0.2945

■ 35.7046, 0.3307,
0.4219

■ 45.8035, 0.2989,
0.2756

■ 34.5656, 0.3347,
0.4522

■ 48.0769, 0.2940,
0.2589

■ 33.5671, 0.3375,
0.4823

■ 50.5308, 0.2894,
0.2440

■ 32.7027, 0.3388,
0.5108

■ 52.4013, 0.2931,
0.2409

■ 31.9651, 0.3381,
0.5359

■ 54.0097, 0.3007,
0.2429

■ 31.3464, 0.3356,
0.5562

■ 55.7084, 0.3084,
0.2448

■ 30.8374, 0.3312,
0.5708

■ 57.4988, 0.3161,
0.2468

Harmonies

Analogous

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



40.0216, 0.3206, 0.3395



40.0216, 0.3150, 0.3389



40.0216, 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.



40.0216, 0.3150, 0.3389



40.0216, 0.3015, 0.3207



40.0216, 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.



40.0216, 0.3150, 0.3389



37.8020, 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.



40.0216, 0.3165, 0.3226



40.0216, 0.3150, 0.3389



40.0216, 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.



40.0216, 0.3150, 0.3389



40.0216, 0.3011, 0.3250



40.0216, 0.3104, 0.3194



40.0216, 0.3245, 0.3329

Rectangle

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



40.0216, 0.3150, 0.3389



40.0216, 0.3053, 0.3323



40.0216, 0.3104, 0.3194



40.0216, 0.3202, 0.3258

Sweetspot

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



40.0233, 0.3150, 0.3389



72.6186, 0.3133, 0.3314



39.3269, 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.



40.0233, 0.3150, 0.3389



71.3843, 0.3155, 0.3413



39.7132, 0.3119, 0.3383



9.2426, 0.3158, 0.3426



23.0803, 0.3290, 0.5770



0.6748, 0.3544, 0.5568

Inverse Universe

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



37.8020, 0.3104, 0.3191



66.4946, 0.3098, 0.3167



38.1215, 0.3136, 0.3199



8.5482, 0.3095, 0.3155



4.1692, 0.2177, 0.0973



0.1475, 0.2490, 0.1145

Previews

White Background



This preview shows how the Yxy color 40.0216, 0.3150, 0.3389 looks on a white background.

Color Contrast Check

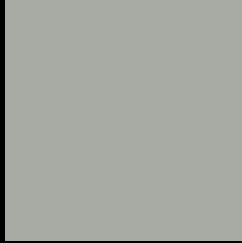
Large Text (above 18pt) WCAG AA × Fail

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 40.0216, 0.3150, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

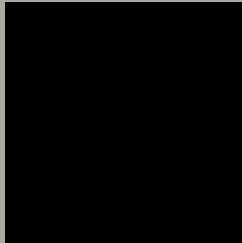
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

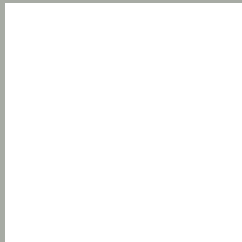
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.0216, 0.3150, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 40.0216, 0.3150, 0.3389.



This preview shows how white text looks on a background with the Yxy color 40.0216, 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

40.0216, 0.3150, 0.3389

Protanopia

40.0189, 0.3225, 0.3373

Deuteranopia

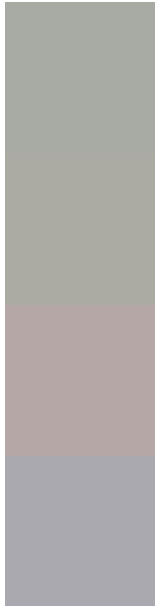
39.8323, 0.3337, 0.3277



Tritanopia

39.9287, 0.3028, 0.3099

Trichromacy



Original Color

40.0216, 0.3150, 0.3389

Protanomaly

40.0517, 0.3196, 0.3388

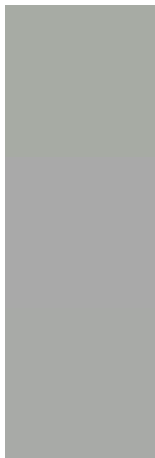
Deuteranomaly

40.0573, 0.3266, 0.3318

Tritanomaly

39.9061, 0.3077, 0.3207

Monochromacy



Original Color

40.0216, 0.3150, 0.3389

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.8643, 0.3134, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0216, 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(167, 171, 164)` looks like.

```
.text, #text, p{  
    color:rgb(167, 171, 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(167, 171, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 171, 164) }
```

Border

The CSS property to change the border of an element to Yxy 40.0216, 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(167, 171, 164) }
```

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

```
.border{ border-color:rgb(167, 171, 164) }
```

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

Here you see how a box with a 4 pixel rgb(167, 171, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 171, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 171, 164);  
box-shadow:4px 4px 4px 4px rgb(167, 171,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0216, 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(167, 171, 164) }
```

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

```
.background{ background-color: rgb(167,  
171, 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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