

Converting Colors

$Yxy(38.8854, 0.3106, 0.3322)$

Have a look what the booklet for
Yxy(38.8854, 0.3106, 0.3322)
contains.

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Color

Yxy(39.0216, 0.3107, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	A4A9A6
RGB	164, 169, 166
RGB Percent	64%, 66%, 65%
CMY	0.3569, 0.3372, 0.3491
CMYK	0.03, 0.00, 0.02, 0.34
HSL	144°, 3%, 65%
HSV	144°, 3%, 66%
XYZ	36.3757, 39.0216, 41.6792
YIQ	167.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

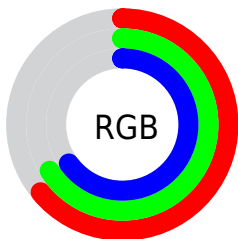
Format	Color
RYB	164, 168, 169
Decimal	10791334
CIELab	68.77, -2.36, 0.93
CIELCh	69, 2.535, 158.402
Yxy	39.0216, 0.3107, 0.3333
Android (android.graphics.Color)	4288981414 (0xFFA4A9A6)
YUV	167.1630, -0.5734, -2.7740
Hunter-Lab	62.4673, -5.3744, 4.1678

Details

The Yxy color **39.0216, 0.3107, 0.3333** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7707, 0.3148, 0.3247**, and the grayscale version is **38.7295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3112, 0.3323**, and **17.3822, 0.3099, 0.3350** is the 20% darker color. If you saturate the color by 10%, you get **36.9838, 0.3040, 0.3489**, and if you desaturate by 10%, it is **41.3314, 0.3175, 0.3195**.

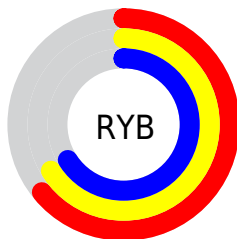
Distribution



Red (64%)

Green (66%)

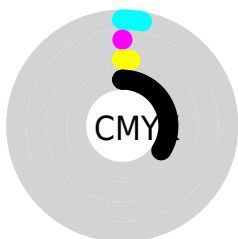
Blue (65%)



Red (64%)

Yellow (66%)

Blue (66%)

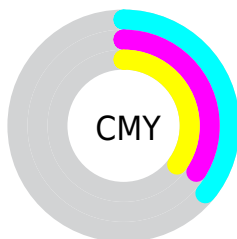


Cyan (3%)

Magenta (0%)

Yellow (2%)

Black (34%)



Cyan (36%)


Magenta (34%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0216, 0.3107, 0.3333 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 39.0216, 0.3107, 0.3333 by changing the saturation by 10% instead.


 39.0216, 0.3107,
0.3333


 39.0216, 0.3107,
0.3333


341.9823, 0.3117,
0.3311

 26.7765, 0.3104,
0.3339


 73.6713, 0.3111,
0.3325

 17.4055, 0.3101,
0.3346


 96.8448, 0.3112,
0.3322

 10.5240, 0.3096,
0.3357


124.4298, 0.3114,
0.3319

 5.7477, 0.3089,
0.3372

156.8108, 0.3115,
0.3317

 2.6923, 0.3077,
0.3395

194.3721, 0.3115,
0.3315

 0.9733, 0.3057,
0.3439

237.4982, 0.3116,

 0.0000, 0.0000,

0.3314

0.0000

286.5735, 0.3117,
0.3312

■ 39.0216, 0.3107,
0.3333

■ 39.0216, 0.3107,
0.3333

■ 36.9838, 0.3040,
0.3489

■ 41.3314, 0.3175,
0.3195

■ 35.2029, 0.2974,
0.3663

■ 43.9177, 0.3241,
0.3073

■ 33.6699, 0.2913,
0.3855

■ 46.7911, 0.3305,
0.2965

■ 32.3734, 0.2858,
0.4064

■ 49.9603, 0.3367,
0.2872

■ 31.3010, 0.2814,
0.4286

■ 53.4335, 0.3425,
0.2790

■ 30.4392, 0.2783,
0.4517

■ 55.1950, 0.3393,
0.2702

■ 29.7729, 0.2768,
0.4749

■ 55.7754, 0.3307,
0.2607

■ 29.2850, 0.2771,
0.4976

■ 56.3896, 0.3225,
0.2515

■ 28.9551, 0.2792,
0.5187

■ 56.8606, 0.3167,
0.2450

Harmonies

Analogous

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



39.0216, 0.3145, 0.3352



39.0216, 0.3107, 0.3333



39.0216, 0.3075, 0.3302

Triad

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



39.0216, 0.3107, 0.3333



39.0216, 0.3076, 0.3227



39.0216, 0.3199, 0.3311

Complementary

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



39.0216, 0.3107, 0.3333



37.7707, 0.3148, 0.3247

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.



39.0216, 0.3180, 0.3278



39.0216, 0.3107, 0.3333



39.0216, 0.3109, 0.3229

Square

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



39.0216, 0.3107, 0.3333



39.0216, 0.3057, 0.3241



39.0216, 0.3147, 0.3248



39.0216, 0.3198, 0.3339

Rectangle

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



39.0216, 0.3107, 0.3333



39.0216, 0.3060, 0.3280



39.0216, 0.3147, 0.3248



39.0216, 0.3195, 0.3300

Sweetspot

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



39.0233, 0.3107, 0.3333



70.6486, 0.3120, 0.3305



39.2848, 0.3152, 0.3361



15.4033, 0.3121, 0.3304



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.



39.0233, 0.3107, 0.3333



69.4544, 0.3100, 0.3349



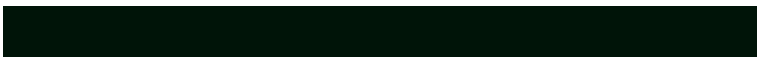
39.1140, 0.3087, 0.3298



8.6702, 0.3096, 0.3358



21.4609, 0.2807, 0.5305



0.5323, 0.2616, 0.4616

Inverse Universe

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



37.7707, 0.3148, 0.3247



66.4095, 0.3156, 0.3232



37.6810, 0.3169, 0.3282



8.2372, 0.3160, 0.3223



7.0116, 0.4499, 0.2252



0.1803, 0.3973, 0.1962

Previews

White Background



This preview shows how the Yxy color 39.0216, 0.3107, 0.3333 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 39.0216, 0.3107, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

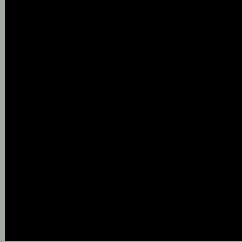
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

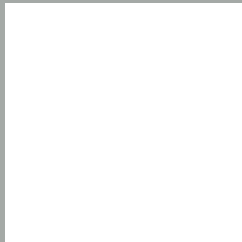
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0216, 0.3107, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 39.0216, 0.3107, 0.3333.



This preview shows how white text looks on a background with the Yxy color 39.0216, 0.3107, 0.3333.

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

39.0216, 0.3107, 0.3333

Protanopia

39.0120, 0.3181, 0.3318

Deuteranopia

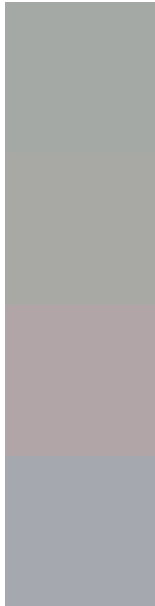
38.8210, 0.3293, 0.3223



Tritanopia

39.0397, 0.3009, 0.3110

Trichromacy



Original Color

39.0216, 0.3107, 0.3333

Protanomaly

39.0467, 0.3153, 0.3332

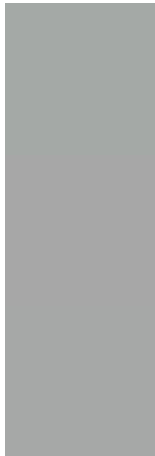
Deuteranomaly

39.0474, 0.3222, 0.3263

Tritanomaly

39.0997, 0.3041, 0.3192

Monochromacy



Original Color

39.0216, 0.3107, 0.3333

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.9023, 0.3117, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0216, 0.3107, 0.3333 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(164, 169, 166)` looks like.

```
.text, #text, p{  
    color:rgb(164, 169, 166)  
}
```

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(164, 169, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 169, 166) }
```

Border

The CSS property to change the border of an element to Yxy 39.0216, 0.3107, 0.3333 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(164, 169, 166) }
```

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

```
.border{ border-color:rgb(164, 169, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 169, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 169, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 169, 166);  
box-shadow:4px 4px 4px 4px rgb(164, 169,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0216, 0.3107, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 169, 166) }
```

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

```
.background{ background-color: rgb(164,  
169, 166) }
```

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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