

Converting Colors

Yxy(39.6067, 0.3116, 0.3416)

Have a look what the booklet for
Yxy(39.6067, 0.3116, 0.3416)
contains.

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Color

Yxy(39.4515, 0.3113, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	A2ABA3
RGB	162, 171, 163
RGB Percent	64%, 67%, 64%
CMY	0.3646, 0.3294, 0.3608
CMYK	0.05, 0.00, 0.05, 0.33
HSL	127°, 5%, 65%
HSV	127°, 5%, 67%
XYZ	36.0789, 39.4515, 40.3671
YIQ	167.3970, -2.7960, -4.3960

Conversions

Conversions Part 2

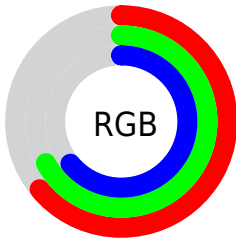
Format	Color
RYB	162, 170, 171
Decimal	10660771
CIELab	69.08, -4.68, 3.01
CIELCh	69, 5.567, 147.291
Yxy	39.4515, 0.3113, 0.3404
Android (android.graphics.Color)	4288850851 (0xFFA2ABA3)
YUV	167.3970, -2.1677, -4.7332
Hunter-Lab	62.8104, -7.3862, 5.8627

Details

The Yxy color **39.4515, 0.3113, 0.3404** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4115, 0.3142, 0.3179**, and the grayscale version is **38.8621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2064, 0.3116, 0.3377**, and **17.6563, 0.3107, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **37.2685, 0.3085, 0.3644**, and if you desaturate by 10%, it is **41.9472, 0.3140, 0.3193**.

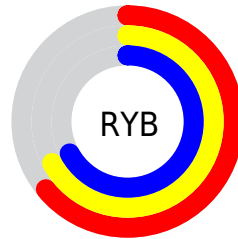
Distribution



Red (64%)

Green (67%)

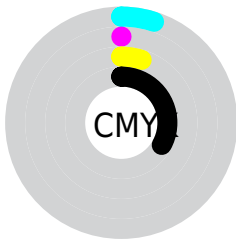
Blue (64%)



Red (64%)

Yellow (67%)

Blue (67%)

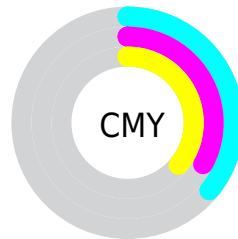


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (36%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4515, 0.3113, 0.3404 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 39.4515, 0.3113, 0.3404 by changing the saturation by 10% instead.


 39.4515, 0.3113,
0.3404


 39.4515, 0.3113,
0.3404


343.8063, 0.3121,
0.3345

 27.1111, 0.3111,
0.3419


 74.3276, 0.3116,
0.3382

 17.6567, 0.3108,
0.3440


 97.6320, 0.3117,
0.3374

 10.7038, 0.3105,
0.3468


125.3600, 0.3118,
0.3367

 5.8680, 0.3099,
0.3508

157.8959, 0.3118,
0.3361

 2.7650, 0.3090,
0.3573

195.6241, 0.3119,
0.3357

 1.0103, 0.3074,
0.3694

238.9289, 0.3120,

 0.0000, 0.0000,

0.3352

0.0000

288.1949, 0.3120,
0.3348

■ 39.4515, 0.3113,
0.3404

■ 39.4515, 0.3113,
0.3404

■ 37.2685, 0.3085,
0.3644

■ 41.9472, 0.3140,
0.3193

■ 35.3810, 0.3057,
0.3913

■ 44.7620, 0.3165,
0.3010

■ 33.7778, 0.3029,
0.4209

■ 47.9083, 0.3188,
0.2851

■ 32.4451, 0.3004,
0.4525

■ 51.3965, 0.3210,
0.2714

■ 31.3680, 0.2983,
0.4849

■ 55.2364, 0.3229,
0.2596

■ 30.5299, 0.2969,
0.5165

■ 57.5658, 0.3170,
0.2474

■ 29.9126, 0.2962,
0.5451

■ 57.6040, 0.3166,
0.2469

■ 29.4948, 0.2964,
0.5687

■ 29.2507, 0.2974,
0.5858

Harmonies

Analogous

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



39.4515, 0.3195, 0.3433



39.4515, 0.3113, 0.3404



39.4515, 0.3036, 0.3344

Triad

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



39.4515, 0.3113, 0.3404



39.4515, 0.2996, 0.3159



39.4515, 0.3274, 0.3309

Complementary

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



39.4515, 0.3113, 0.3404



37.4115, 0.3142, 0.3179

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.



39.4515, 0.3219, 0.3237



39.4515, 0.3113, 0.3404



39.4515, 0.3058, 0.3151

Square

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



39.4515, 0.3113, 0.3404



39.4515, 0.2968, 0.3201



39.4515, 0.3140, 0.3180



39.4515, 0.3289, 0.3376

Rectangle

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



39.4515, 0.3113, 0.3404



39.4515, 0.2997, 0.3294



39.4515, 0.3140, 0.3180



39.4515, 0.3259, 0.3284

Sweetspot

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



39.4532, 0.3113, 0.3404



72.0346, 0.3122, 0.3333



40.2908, 0.3195, 0.3416



16.0749, 0.3122, 0.3331



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.



39.4532, 0.3113, 0.3404



70.3038, 0.3111, 0.3424



39.6137, 0.3077, 0.3341



9.0995, 0.3109, 0.3433



21.9953, 0.2974, 0.5906



0.6163, 0.2876, 0.5555

Inverse Universe

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



37.4115, 0.3142, 0.3179



66.0693, 0.3144, 0.3160



37.2477, 0.3181, 0.3240



8.5145, 0.3145, 0.3151



8.2487, 0.3500, 0.1702



0.2337, 0.3401, 0.1647

Previews

White Background



This preview shows how the Yxy color 39.4515, 0.3113, 0.3404 looks on a white background.

Color Contrast Check

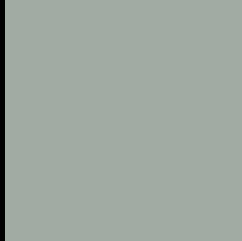
Large Text (above 18pt) WCAG AA × Fail

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 39.4515, 0.3113, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

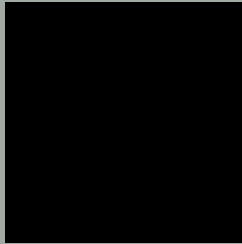
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

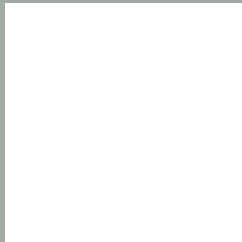
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4515, 0.3113, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 39.4515, 0.3113, 0.3404.



This preview shows how white text looks on a background with the Yxy color 39.4515, 0.3113, 0.3404.

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

39.4515, 0.3113, 0.3404

Protanopia

39.4627, 0.3234, 0.3388

Deuteranopia

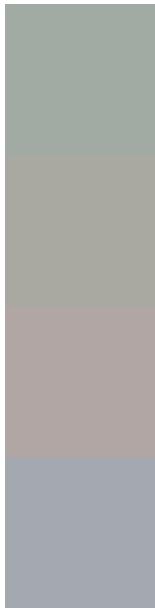
39.3501, 0.3329, 0.3264



Tritanopia

39.3820, 0.2984, 0.3096

Trichromacy



Original Color

39.4515, 0.3113, 0.3404

Protanomaly

39.4196, 0.3187, 0.3389

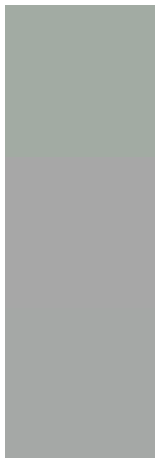
Deuteranomaly

39.2999, 0.3248, 0.3318

Tritanomaly

39.3636, 0.3032, 0.3206

Monochromacy



Original Color

39.4515, 0.3113, 0.3404

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.7578, 0.3117, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4515, 0.3113, 0.3404 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(162, 171, 163)` looks like.

```
.text, #text, p{  
    color:rgb(162, 171, 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(162, 171, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 171, 163) }
```

Border

The CSS property to change the border of an element to Yxy 39.4515, 0.3113, 0.3404 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(162, 171, 163) }
```

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

```
.border{ border-color:rgb(162, 171, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 171, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 171, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 171, 163);  
box-shadow:4px 4px 4px 4px rgb(162, 171,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4515, 0.3113, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 171, 163) }
```

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

```
.background{ background-color: rgb(162,  
171, 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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