

Converting Colors

Yxy(39.3796, 0.3167, 0.3495)

Have a look what the booklet for
Yxy(39.3796, 0.3167, 0.3495)
contains.

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Color

Yxy(39.2415, 0.3163, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	A2AB9D
RGB	162, 171, 157
RGB Percent	64%, 67%, 62%
CMY	0.3648, 0.3294, 0.3844
CMYK	0.05, 0.00, 0.08, 0.33
HSL	99°, 8%, 64%
HSV	99°, 8%, 67%
XYZ	35.5443, 39.2415, 37.5896
YIQ	166.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

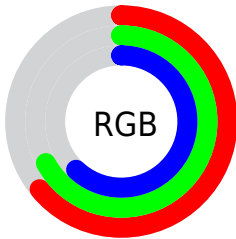
Format	Color
RYB	157, 171, 166
Decimal	10660765
CIELab	68.93, -5.83, 6.12
CIELCh	69, 8.453, 133.599
Yxy	39.2415, 0.3163, 0.3492
Android (android.graphics.Color)	4288850845 (0xFFA2AB9D)
YUV	166.7130, -4.7885, -4.1333
Hunter-Lab	62.6430, -8.3424, 8.2726

Details

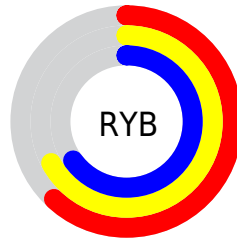
The Yxy color **39.2415, 0.3163, 0.3492** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1560, 0.3088, 0.3090**, and the grayscale version is **38.5194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8979, 0.3155, 0.3444**, and **17.5493, 0.3165, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **37.5968, 0.3205, 0.3761**, and if you desaturate by 10%, it is **41.0722, 0.3119, 0.3248**.

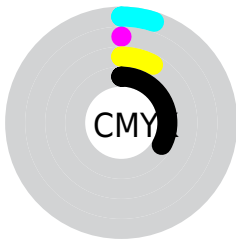
Distribution



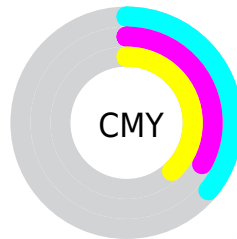
- Red (64%)
- Green (67%)
- Blue (62%)



- Red (62%)
- Yellow (67%)
- Blue (65%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)





- Cyan (36%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.2415, 0.3163, 0.3492 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 39.2415, 0.3163, 0.3492 by changing the saturation by 10% instead.


 39.2415, 0.3163,
0.3492


 39.2415, 0.3163,
0.3492


342.9162, 0.3145,
0.3387

 26.9477, 0.3167,
0.3520


 74.0071, 0.3157,
0.3453

 17.5339, 0.3173,
0.3556


 97.2476, 0.3154,
0.3438

 10.6159, 0.3181,
0.3606


124.9059, 0.3152,
0.3426

 5.8092, 0.3191,
0.3680

157.3662, 0.3150,
0.3416

 2.7294, 0.3206,
0.3797

195.0130, 0.3149,
0.3407

 0.9921, 0.3270,
0.4071

238.2306, 0.3147,

 0.0000, 0.0000,

0.3400

0.0000

287.4036, 0.3146,
0.3393

■ 39.2415, 0.3163,
0.3492

■ 39.2415, 0.3163,
0.3492

■ 37.5968, 0.3205,
0.3761

■ 41.0722, 0.3119,
0.3248

■ 36.1272, 0.3245,
0.4051

■ 43.0895, 0.3076,
0.3029

■ 34.8280, 0.3278,
0.4358

■ 45.3006, 0.3034,
0.2834

■ 33.6926, 0.3302,
0.4672

■ 47.7106, 0.2994,
0.2661

■ 32.7136, 0.3314,
0.4980

■ 50.3245, 0.2956,
0.2509

■ 31.8835, 0.3311,
0.5264

■ 52.8481, 0.2952,
0.2415

■ 31.1936, 0.3291,
0.5507

■ 54.7063, 0.3039,
0.2437

■ 30.6342, 0.3255,
0.5694

■ 56.6812, 0.3126,
0.2459

■ 30.1910, 0.3206,
0.5822

■ 57.6103, 0.3166,
0.2469

Harmonies

Analogous

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



39.2415, 0.3280, 0.3508



39.2415, 0.3163, 0.3492



39.2415, 0.3038, 0.3419

Triad

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



39.2415, 0.3163, 0.3492



39.2415, 0.2902, 0.3113



39.2415, 0.3319, 0.3267

Complementary

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



39.2415, 0.3163, 0.3492



35.1560, 0.3088, 0.3090

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.



39.2415, 0.3214, 0.3167



39.2415, 0.3163, 0.3492



39.2415, 0.2974, 0.3078

Square

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



39.2415, 0.3163, 0.3492



39.2415, 0.2889, 0.3197



39.2415, 0.3088, 0.3098



39.2415, 0.3372, 0.3375

Rectangle

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



39.2415, 0.3163, 0.3492



39.2415, 0.2967, 0.3348



39.2415, 0.3088, 0.3098



39.2415, 0.3289, 0.3231

Sweetspot

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



39.2432, 0.3163, 0.3492



72.2533, 0.3136, 0.3339



38.3169, 0.3253, 0.3416



16.1210, 0.3136, 0.3336



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.



39.2432, 0.3163, 0.3492



69.6651, 0.3172, 0.3543



38.7944, 0.3102, 0.3467



9.0730, 0.3168, 0.3521



22.7302, 0.3205, 0.5837



0.6636, 0.3462, 0.5633

Inverse Universe

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



35.1560, 0.3088, 0.3090



60.7072, 0.3078, 0.3041



35.6362, 0.3153, 0.3119



8.0032, 0.3083, 0.3063



4.7490, 0.2343, 0.1064



0.1613, 0.2613, 0.1213

Previews

White Background



This preview shows how the Yxy color 39.2415, 0.3163, 0.3492 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 39.2415, 0.3163, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

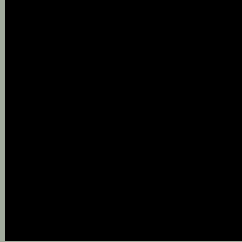
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

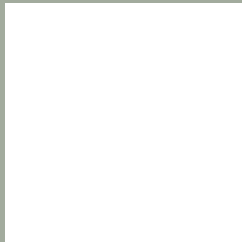
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2415, 0.3163, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 39.2415, 0.3163, 0.3492.



This preview shows how white text looks on a background with the Yxy color 39.2415, 0.3163, 0.3492.

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

39.2415, 0.3163, 0.3492

Protanopia

39.0027, 0.3298, 0.3459

Deuteranopia

39.0352, 0.3406, 0.3331



Tritanopia

39.4485, 0.3001, 0.3110

Trichromacy



Original Color

39.2415, 0.3163, 0.3492

Protanomaly

38.9516, 0.3249, 0.3460

Deuteranomaly

38.9626, 0.3322, 0.3387

Tritanomaly

39.3538, 0.3066, 0.3248

Monochromacy



Original Color

39.2415, 0.3163, 0.3492

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.6489, 0.3142, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2415, 0.3163, 0.3492 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(162, 171, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 171, 157) }
```

Border

The CSS property to change the border of an element to Yxy 39.2415, 0.3163, 0.3492 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, 157) }
```

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

```
.border{ border-color:rgb(162, 171, 157) }
```

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, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 171, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 171, 157);  
box-shadow:4px 4px 4px 4px rgb(162, 171,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2415, 0.3163, 0.3492 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, 157) }
```

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

```
.background{ background-color: rgb(162,  
171, 157) }
```

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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