

Converting Colors

Yxy(39.7403, 0.3354, 0.3615)

Have a look what the booklet for
Yxy(39.7403, 0.3354, 0.3615)
contains.

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Color

Yxy(39.7403, 0.3354, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	ADAA93
RGB	173, 170, 147
RGB Percent	68%, 67%, 58%
CMY	0.3216, 0.3333, 0.4236
CMYK	0.00, 0.02, 0.15, 0.32
HSL	53°, 14%, 63%
HSV	53°, 15%, 68%
XYZ	36.8711, 39.7403, 33.3203
YIQ	168.2750, 9.1710, -6.5170

Conversions

Conversions Part 2

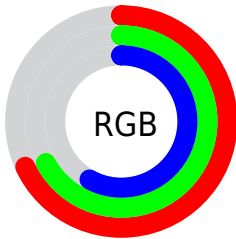
Format	Color
RYB	150, 173, 147
Decimal	11381395
CIELab	69.28, -2.95, 12.27
CIElCh	69, 12.614, 103.506
Yxy	39.7403, 0.3354, 0.3615
Android (android.graphics.Color)	4289571475 (0xFFADAA93)
YUV	168.2750, -10.4886, 4.1438
Hunter-Lab	63.0399, -5.9179, 12.7897

Details

The Yxy color **39.7403, 0.3354, 0.3615** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.0150, 0.2891, 0.2943**, and the grayscale version is **39.3485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7255, 0.3315, 0.3550**, and **17.8663, 0.3433, 0.3723** is the 20% darker color. If you saturate the color by 10%, you get **38.5023, 0.3513, 0.3838**, and if you desaturate by 10%, it is **41.0746, 0.3201, 0.3397**.

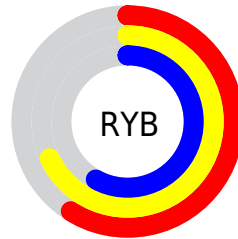
Distribution



Red (68%)

Green (67%)

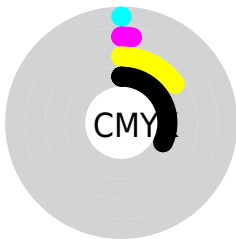
Blue (58%)



Red (59%)

Yellow (68%)

Blue (58%)

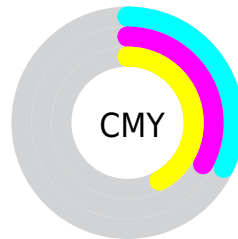


Cyan (0%)

Magenta (2%)

Yellow (15%)

Black (32%)



Cyan (32%)


Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7403, 0.3354, 0.3615 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 39.7403, 0.3354, 0.3615 by changing the saturation by 10% instead.


 39.7403, 0.3354,
0.3615


 39.7403, 0.3354,
0.3615


345.0278, 0.3238,
0.3447

 27.3361, 0.3384,
0.3659


 74.7679, 0.3311,
0.3553

 17.8258, 0.3422,
0.3716


 98.1601, 0.3296,
0.3530

 10.8250, 0.3474,
0.3794


125.9837, 0.3282,
0.3510

 5.9493, 0.3547,
0.3906

158.6233, 0.3271,
0.3494

 2.8143, 0.3658,
0.4081

196.4630, 0.3261,
0.3480

 1.0356, 0.4114,
0.4699

239.8874, 0.3252,

 0.0000, 0.0000,

0.3468

0.0000

289.2809, 0.3245,
0.3457

■ 39.7403, 0.3354,
0.3615

■ 39.7403, 0.3354,
0.3615

■ 38.5023, 0.3513,
0.3838

■ 41.0746, 0.3201,
0.3397

■ 37.3518, 0.3675,
0.4058

■ 42.5035, 0.3057,
0.3187

■ 36.2865, 0.3834,
0.4269

■ 44.0319, 0.2923,
0.2990

■ 35.3021, 0.3984,
0.4460

■ 45.6630, 0.2800,
0.2806

■ 34.3938, 0.4119,
0.4622

■ 47.3997, 0.2688,
0.2637

■ 33.5565, 0.4233,
0.4748

■ 49.2448, 0.2586,
0.2482

■ 32.7840, 0.4322,
0.4831

■ 50.3306, 0.2565,
0.2464

■ 32.0687, 0.4383,
0.4870

■ 51.1583, 0.2568,
0.2487

■ 31.7264, 0.4409,
0.4882

■ 51.9976, 0.2571,
0.2511

Harmonies

Analogous

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



39.7403, 0.3470, 0.3546



39.7403, 0.3354, 0.3615



39.7403, 0.3179, 0.3594

Triad

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



39.7403, 0.3354, 0.3615



39.7403, 0.2776, 0.3150



39.7403, 0.3255, 0.3108

Complementary

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



39.7403, 0.3354, 0.3615



31.0150, 0.2891, 0.2943

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.



39.7403, 0.3067, 0.3008



39.7403, 0.3354, 0.3615



39.7403, 0.2794, 0.3027

Square

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



39.7403, 0.3354, 0.3615



39.7403, 0.2848, 0.3318



39.7403, 0.2899, 0.2978



39.7403, 0.3412, 0.3254

Rectangle

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



39.7403, 0.3354, 0.3615



39.7403, 0.3054, 0.3528



39.7403, 0.2899, 0.2978



39.7403, 0.3193, 0.3068

Sweetspot

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



39.7421, 0.3354, 0.3615



73.5617, 0.3202, 0.3398



31.9449, 0.3371, 0.3247



15.9503, 0.3212, 0.3412



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.



39.7421, 0.3354, 0.3615



70.4414, 0.3406, 0.3688



39.7767, 0.3255, 0.3666



9.1713, 0.3265, 0.3489



23.3644, 0.4406, 0.4884



0.6934, 0.4334, 0.4941

Inverse Universe

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



31.0150, 0.2891, 0.2943



51.8318, 0.2834, 0.2858



31.0391, 0.2985, 0.2908



7.8994, 0.2986, 0.3083



2.6243, 0.1527, 0.0698



0.1187, 0.1627, 0.1057

Previews

White Background



This preview shows how the Yxy color 39.7403, 0.3354, 0.3615 looks on a white background.

Color Contrast Check

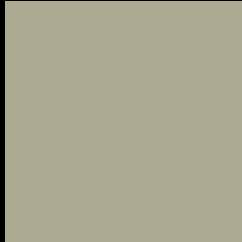
Large Text (above 18pt) WCAG AA × Fail

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 39.7403, 0.3354, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

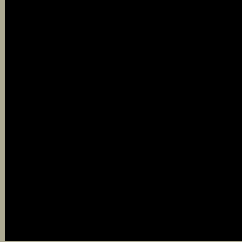
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

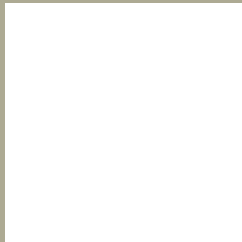
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7403, 0.3354, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 39.7403, 0.3354, 0.3615.



This preview shows how white text looks on a background with the Yxy color 39.7403, 0.3354, 0.3615.

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

39.7403, 0.3354, 0.3615

Protanopia

39.7984, 0.3403, 0.3611

Deuteranopia

39.6700, 0.3558, 0.3491



Tritanopia

39.8742, 0.3117, 0.3115

Trichromacy



Original Color

39.7403, 0.3354, 0.3615

Protanomaly

39.6814, 0.3394, 0.3612

Deuteranomaly

39.8497, 0.3480, 0.3535

Tritanomaly

39.6576, 0.3211, 0.3290

Monochromacy



Original Color

39.7403, 0.3354, 0.3615

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.4600, 0.3213, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7403, 0.3354, 0.3615 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(173, 170, 147)` looks like.

```
.text, #text, p{  
    color:rgb(173, 170, 147)  
}
```

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(173, 170, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 170, 147) }
```

Border

The CSS property to change the border of an element to Yxy 39.7403, 0.3354, 0.3615 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(173, 170, 147) }
```

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

```
.border{ border-color:rgb(173, 170, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 170, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 170, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 170, 147);  
box-shadow:4px 4px 4px 4px rgb(173, 170,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7403, 0.3354, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 170, 147) }
```

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

```
.background{ background-color: rgb(173,  
170, 147) }
```

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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