

Converting Colors

Yxy(39.0162, 0.3166, 0.3513)

Have a look what the booklet for
Yxy(39.0162, 0.3166, 0.3513)
contains.

Yxy(39.0694, 0.3171, 0.3522)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.0694, 0.3171, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	A1AB9B
RGB	161, 171, 155
RGB Percent	63%, 67%, 61%
CMY	0.3686, 0.3294, 0.3923
CMYK	0.06, 0.00, 0.09, 0.33
HSL	97°, 9%, 64%
HSV	97°, 9%, 67%
XYZ	35.1758, 39.0694, 36.6844
YIQ	166.1860, -0.8240, -7.0960

Conversions

Conversions Part 2

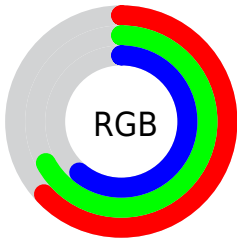
Format	Color
RYB	155, 171, 165
Decimal	10595227
CIELab	68.80, -6.54, 7.04
CIELCh	69, 9.612, 132.893
Yxy	39.0694, 0.3171, 0.3522
Android (android.graphics.Color)	4288785307 (0xFFA1AB9B)
YUV	166.1860, -5.5147, -4.5481
Hunter-Lab	62.5055, -8.9315, 8.9566

Details

The Yxy color **39.0694, 0.3171, 0.3522** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3701, 0.3079, 0.3061**, and the grayscale version is **38.2555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5951, 0.3167, 0.3478**, and **17.4443, 0.3176, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **37.4754, 0.3216, 0.3793**, and if you desaturate by 10%, it is **40.8427, 0.3124, 0.3275**.

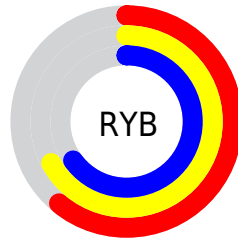
Distribution



Red (63%)

Green (67%)

Blue (61%)



Red (61%)

Yellow (67%)

Blue (65%)

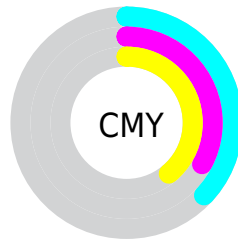


Cyan (6%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (37%)


Magenta (33%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0694, 0.3171, 0.3522 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 39.0694, 0.3171, 0.3522 by changing the saturation by 10% instead.


 39.0694, 0.3171,
0.3522


 39.0694, 0.3171,
0.3522


342.1855, 0.3149,
0.3401

 26.8137, 0.3176,
0.3554


 73.7443, 0.3163,
0.3477

 17.4334, 0.3183,
0.3596


 96.9324, 0.3160,
0.3460

 10.5440, 0.3192,
0.3654


124.5333, 0.3158,
0.3446

 5.7611, 0.3205,
0.3739

156.9316, 0.3155,
0.3435

 2.7004, 0.3223,
0.3876

194.5115, 0.3154,
0.3424

 0.9774, 0.3314,
0.4227

237.6575, 0.3152,

 0.0000, 0.0000,

0.3416

0.0000

286.7541, 0.3150,
0.3408

■ 39.0694, 0.3171,
0.3522

■ 39.0694, 0.3171,
0.3522

■ 37.4754, 0.3216,
0.3793

■ 40.8427, 0.3124,
0.3275

■ 36.0498, 0.3258,
0.4084

■ 42.7957, 0.3078,
0.3053

■ 34.7883, 0.3294,
0.4390

■ 44.9353, 0.3033,
0.2855

■ 33.6844, 0.3320,
0.4702

■ 47.2665, 0.2990,
0.2679

■ 32.7312, 0.3333,
0.5004

■ 49.7941, 0.2949,
0.2523

■ 31.9210, 0.3330,
0.5282

■ 52.3558, 0.2929,
0.2408

■ 31.2456, 0.3309,
0.5516

■ 54.1240, 0.3012,
0.2430

■ 30.6954, 0.3271,
0.5695

■ 56.0012, 0.3097,
0.2452

■ 30.2544, 0.3222,
0.5819

■ 57.6079, 0.3166,
0.2469

Harmonies

Analogous

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



39.0694, 0.3304, 0.3538



39.0694, 0.3171, 0.3522



39.0694, 0.3029, 0.3439

Triad

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



39.0694, 0.3171, 0.3522



39.0694, 0.2870, 0.3090



39.0694, 0.3343, 0.3260

Complementary

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



39.0694, 0.3171, 0.3522



34.3701, 0.3079, 0.3061

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.



39.0694, 0.3223, 0.3147



39.0694, 0.3171, 0.3522



39.0694, 0.2950, 0.3050

Square

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



39.0694, 0.3171, 0.3522



39.0694, 0.2857, 0.3187



39.0694, 0.3078, 0.3071



39.0694, 0.3405, 0.3383

Rectangle

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



39.0694, 0.3171, 0.3522



39.0694, 0.2947, 0.3359



39.0694, 0.3078, 0.3071



39.0694, 0.3308, 0.3220

Sweetspot

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



39.0711, 0.3171, 0.3522



71.9382, 0.3141, 0.3363



37.8837, 0.3273, 0.3431



15.9858, 0.3145, 0.3383



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.



39.0711, 0.3171, 0.3522



69.4266, 0.3179, 0.3570



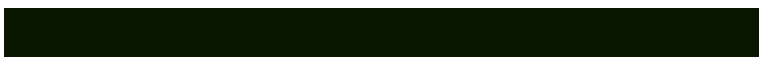
38.5226, 0.3101, 0.3498



9.0807, 0.3171, 0.3520



22.8150, 0.3226, 0.5821



0.6665, 0.3484, 0.5616

Inverse Universe

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



34.3701, 0.3079, 0.3061



59.4980, 0.3069, 0.3015



34.9614, 0.3155, 0.3091



7.9952, 0.3080, 0.3062



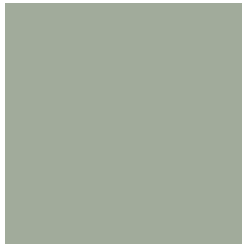
4.5878, 0.2298, 0.1040



0.1576, 0.2581, 0.1195

Previews

White Background



This preview shows how the Yxy color 39.0694, 0.3171, 0.3522 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 39.0694, 0.3171, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

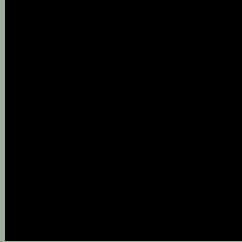
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0694, 0.3171, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 39.0694, 0.3171, 0.3522.



This preview shows how white text looks on a background with the Yxy color 39.0694, 0.3171, 0.3522.

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

39.0694, 0.3171, 0.3522

Protanopia

38.9360, 0.3316, 0.3487

Deuteranopia

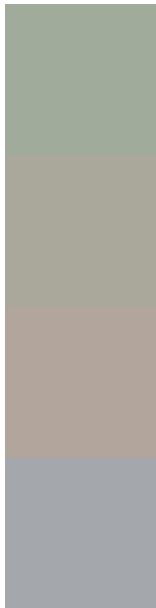
38.9663, 0.3425, 0.3358



Tritanopia

38.9730, 0.2993, 0.3095

Trichromacy



Original Color

39.0694, 0.3171, 0.3522

Protanomaly

38.7734, 0.3258, 0.3489

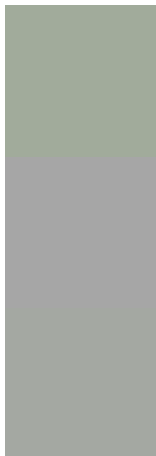
Deuteranomaly

38.7755, 0.3331, 0.3415

Tritanomaly

38.8763, 0.3057, 0.3233

Monochromacy



Original Color

39.0694, 0.3171, 0.3522

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.5064, 0.3142, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0694, 0.3171, 0.3522 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(161, 171, 155)` looks like.

```
.text, #text, p{  
    color:rgb(161, 171, 155)  
}
```

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(161, 171, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 171, 155) }
```

Border

The CSS property to change the border of an element to Yxy 39.0694, 0.3171, 0.3522 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(161, 171, 155) }
```

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

```
.border{ border-color:rgb(161, 171, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 171, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 171, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 171, 155);  
box-shadow:4px 4px 4px 4px rgb(161, 171,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0694, 0.3171, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 171, 155) }
```

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

```
.background{ background-color: rgb(161,  
171, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor