

Converting Colors

$Yxy(39.3522, 0.3288, 0.3393)$

Have a look what the booklet for
Yxy(39.3522, 0.3288, 0.3393)
contains.

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Color

Yxy(39.4877, 0.3291, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	B1A79F
RGB	177, 167, 159
RGB Percent	69%, 65%, 62%
CMY	0.3058, 0.3451, 0.3765
CMYK	0.00, 0.06, 0.10, 0.31
HSL	27°, 10%, 66%
HSV	27°, 10%, 69%
XYZ	38.2105, 39.4877, 38.4079
YIQ	169.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

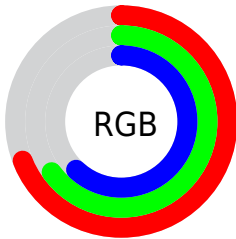
Format	Color
RYB	177, 173, 159
Decimal	11642783
CIELab	69.10, 2.20, 5.42
CIELCh	69, 5.845, 67.913
Yxy	39.4877, 0.3291, 0.3401
Android (android.graphics.Color)	4289832863 (0xFFB1A79F)
YUV	169.0780, -4.9685, 6.9476
Hunter-Lab	62.8392, -1.4285, 7.7489

Details

The Yxy color $39.4877, 0.3291, 0.3401$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $38.9274, 0.2972, 0.3176$, and the grayscale version is $39.7403, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.4212, 0.3259, 0.3375$, and $17.6293, 0.3332, 0.3425$ is the 20% darker color. If you saturate the color by 10%, you get $35.4486, 0.3477, 0.3516$, and if you desaturate by 10%, it is $43.8927, 0.3130, 0.3292$.

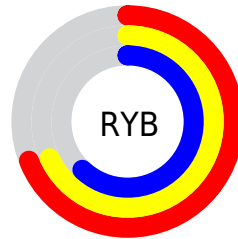
Distribution



Red (69%)

Green (65%)

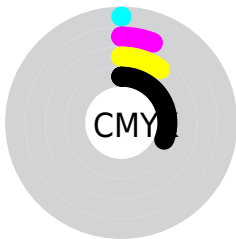
Blue (62%)



Red (69%)

Yellow (68%)

Blue (62%)

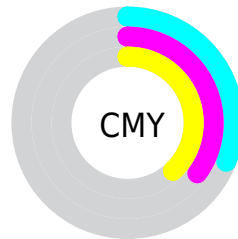


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (31%)



Cyan (31%)


Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4877, 0.3291, 0.3401 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 39.4877, 0.3291, 0.3401 by changing the saturation by 10% instead.

 39.4877, 0.3291,
0.3401


 39.4877, 0.3291,
0.3401


343.9596, 0.3207,
0.3344

 27.1393, 0.3313,
0.3416


 74.3828, 0.3260,
0.3380

 17.6779, 0.3342,
0.3434


 97.6983, 0.3248,
0.3372

 10.7190, 0.3381,
0.3460


125.4383, 0.3238,
0.3366

 5.8782, 0.3437,
0.3497

157.9871, 0.3230,
0.3360

 2.7712, 0.3526,
0.3553

195.7293, 0.3223,
0.3356

 1.0135, 0.3713,
0.3678

239.0492, 0.3217,

 0.0000, 0.0000,

0.3351

0.0000

288.3311, 0.3211,
0.3348

■ 39.4877, 0.3291,
0.3401

■ 39.4877, 0.3291,
0.3401

■ 35.4486, 0.3477,
0.3516

■ 43.8927, 0.3130,
0.3292

■ 31.7604, 0.3690,
0.3636

■ 48.6677, 0.2990,
0.3190

■ 28.4146, 0.3930,
0.3754

■ 53.8236, 0.2870,
0.3096

■ 25.4003, 0.4197,
0.3866

■ 59.3690, 0.2766,
0.3010

■ 22.7060, 0.4485,
0.3961

■ 65.3122, 0.2676,
0.2932

■ 20.3195, 0.4784,
0.4028

■ 70.9862, 0.2649,
0.2966

■ 18.2274, 0.5075,
0.4054

■ 76.4943, 0.2662,
0.3078

■ 16.4149, 0.5340,
0.4030

■ 82.3145, 0.2674,
0.3188

■ 14.8843, 0.5565,
0.3963

■ 88.0890, 0.2686,
0.3289

Harmonies

Analogous

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



39.4877, 0.3292, 0.3336



39.4877, 0.3291, 0.3401



39.4877, 0.3246, 0.3437

Triad

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



39.4877, 0.3291, 0.3401



39.4877, 0.3008, 0.3319



39.4877, 0.3084, 0.3151

Complementary

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



39.4877, 0.3291, 0.3401



38.9274, 0.2972, 0.3176

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.



39.4877, 0.3009, 0.3145



39.4877, 0.3291, 0.3401



39.4877, 0.2965, 0.3241

Square

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



39.4877, 0.3291, 0.3401



39.4877, 0.3082, 0.3390



39.4877, 0.2966, 0.3177



39.4877, 0.3171, 0.3193

Rectangle

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



39.4877, 0.3291, 0.3401



39.4877, 0.3197, 0.3440



39.4877, 0.2966, 0.3177



39.4877, 0.3056, 0.3145

Sweetspot

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



39.4894, 0.3291, 0.3401



76.2621, 0.3174, 0.3323



37.0173, 0.3209, 0.3150



16.3893, 0.3186, 0.3331



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.4894, 0.3291, 0.3401



69.1919, 0.3327, 0.3424



42.8301, 0.3278, 0.3520



9.1057, 0.3276, 0.3391



10.8995, 0.5547, 0.3978



0.4599, 0.5077, 0.4351

Inverse Universe

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



38.9274, 0.2972, 0.3176



68.0013, 0.2941, 0.3152



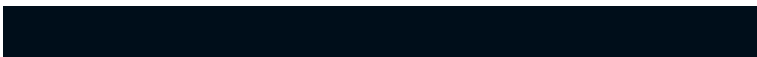
35.7569, 0.2971, 0.3049



8.9874, 0.2985, 0.3186



8.8060, 0.1831, 0.1791



0.3912, 0.1959, 0.2252

Previews

White Background



This preview shows how the Yxy color 39.4877, 0.3291, 0.3401 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 39.4877, 0.3291, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

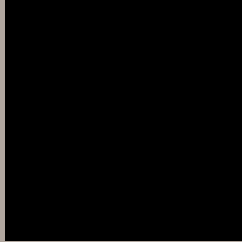
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

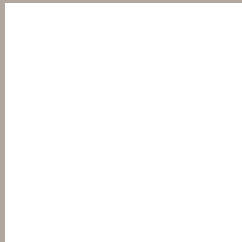
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.4877, 0.3291, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 39.4877, 0.3291, 0.3401.



This preview shows how white text looks on a background with the Yxy color 39.4877, 0.3291, 0.3401.

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

39.4877, 0.3291, 0.3401

Protanopia

39.5420, 0.3252, 0.3402

Deuteranopia

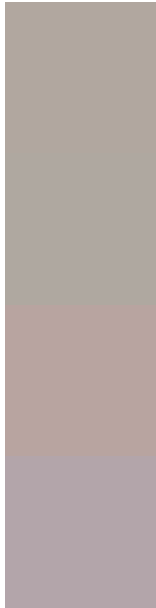
39.4238, 0.3395, 0.3331



Tritanopia

39.4285, 0.3163, 0.3115

Trichromacy



Original Color

39.4877, 0.3291, 0.3401

Protanomaly

39.6573, 0.3262, 0.3401

Deuteranomaly

39.2793, 0.3354, 0.3345

Tritanomaly

39.3963, 0.3215, 0.3222

Monochromacy



Original Color

39.4877, 0.3291, 0.3401

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.4925, 0.3190, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4877, 0.3291, 0.3401 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(177, 167, 159)` looks like.

```
.text, #text, p{  
    color:rgb(177, 167, 159)  
}
```

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(177, 167, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 167, 159) }
```

Border

The CSS property to change the border of an element to Yxy 39.4877, 0.3291, 0.3401 is called "border". The border property can be set on classes, ids or directly on the HTML element.

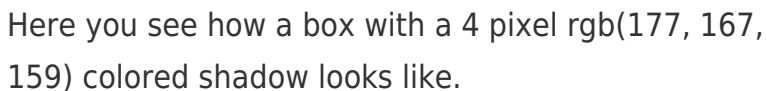
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 167, 159) }
```

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

```
.border{ border-color:rgb(177, 167, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 167, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 167, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 167, 159); box-shadow:4px 4px 4px 4px rgb(177, 167, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4877, 0.3291, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 167, 159) }
```

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

```
.background{ background-color: rgb(177,  
167, 159) }
```

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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