

Converting Colors

$Yxy(39.0908, 0.3627, 0.3977)$

Have a look what the booklet for
Yxy(39.0908, 0.3627, 0.3977)
contains.

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Color

Yxy(39.0791, 0.3636, 0.3979)

Conversions

Conversions Part 1

Format	Color
Hex	B1A978
RGB	177, 169, 120
RGB Percent	69%, 66%, 47%
CMY	0.3058, 0.3372, 0.5295
CMYK	0.00, 0.05, 0.32, 0.31
HSL	52°, 27%, 58%
HSV	52°, 32%, 69%
XYZ	35.7104, 39.0791, 23.4239
YIQ	165.8060, 20.4970, -13.5430

Conversions

Conversions Part 2

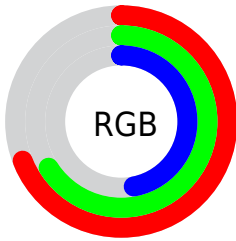
Format	Color
RYB	129, 177, 120
Decimal	11643256
CIELab	68.81, -4.76, 26.38
CIELCh	69, 26.810, 100.234
Yxy	39.0791, 0.3636, 0.3979
Android (android.graphics.Color)	4289833336 (0xFFB1A978)
YUV	165.8060, -22.5824, 9.8171
Hunter-Lab	62.5133, -7.4311, 21.5432

Details

The Yxy color **39.0791, 0.3636, 0.3979** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.6022, 0.2579, 0.2491**, and the grayscale version is **38.1391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6521, 0.3538, 0.3843**, and **17.4626, 0.3785, 0.4180** is the 20% darker color. If you saturate the color by 10%, you get **37.7740, 0.3801, 0.4189**, and if you desaturate by 10%, it is **40.4847, 0.3471, 0.3762**.

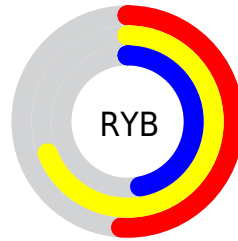
Distribution



Red (69%)

Green (66%)

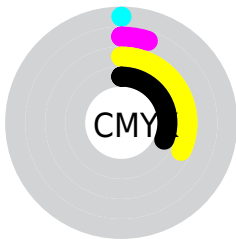
Blue (47%)



Red (51%)

Yellow (69%)

Blue (47%)

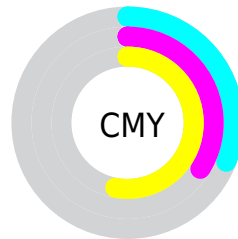


Cyan (0%)

Magenta (5%)

Yellow (32%)

Black (31%)



Cyan (31%)


Magenta (34%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0791, 0.3636, 0.3979 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 39.0791, 0.3636, 0.3979 by changing the saturation by 10% instead.


 39.0791, 0.3636,
0.3979


 39.0791, 0.3636,
0.3979


342.2267, 0.3379,
0.3624

 26.8213, 0.3700,
0.4070


 73.7591, 0.3543,
0.3848

 17.4390, 0.3780,
0.4188


 96.9501, 0.3508,
0.3799

 10.5480, 0.3884,
0.4344


 124.5543, 0.3478,
0.3758

 5.7638, 0.4022,
0.4560

156.9561, 0.3453,
0.3723

 2.7020, 0.4273,
0.4952

194.5398, 0.3430,
0.3693

 0.9782, 0.4531,
0.5469

237.6899, 0.3411,

 0.0000, 0.0000,

0.3667

0.0000

286.7907, 0.3394,
0.3644

■ 39.0791, 0.3636,
0.3979

■ 39.0791, 0.3636,
0.3979

■ 37.7740, 0.3801,
0.4189

■ 40.4847, 0.3471,
0.3762

■ 36.5598, 0.3960,
0.4383

■ 41.9898, 0.3311,
0.3546

■ 35.4331, 0.4108,
0.4551


■ 43.5999, 0.3160,
0.3335

■ 34.3886, 0.4236,
0.4684


■ 45.3186, 0.3018,
0.3135


■ 33.4201, 0.4341,
0.4776


■ 47.1495, 0.2887,
0.2947

 32.5201, 0.4418,
0.4824

 49.0957, 0.2768,
0.2772

 31.8551, 0.4463,
0.4838

 51.1605, 0.2659,
0.2612

 52.9150, 0.2598,
0.2529

 53.9927, 0.2601,
0.2559

Harmonies

Analogous

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



39.0791, 0.3875, 0.3788



39.0791, 0.3636, 0.3979



39.0791, 0.3268, 0.3977

Triad

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



39.0791, 0.3636, 0.3979



39.0791, 0.2406, 0.3009



39.0791, 0.3351, 0.2886

Complementary

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



39.0791, 0.3636, 0.3979



22.6022, 0.2579, 0.2491

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.



39.0791, 0.2947, 0.2699



39.0791, 0.3636, 0.3979



39.0791, 0.2424, 0.2750

Square

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



39.0791, 0.3636, 0.3979



39.0791, 0.2567, 0.3381



39.0791, 0.2615, 0.2646



39.0791, 0.3710, 0.3167

Rectangle

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



39.0791, 0.3636, 0.3979



39.0791, 0.3003, 0.3849



39.0791, 0.2615, 0.2646



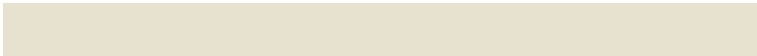
39.0791, 0.3215, 0.2811

Sweetspot

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



39.0809, 0.3636, 0.3979



75.7671, 0.3280, 0.3502



24.3496, 0.3742, 0.3166



16.3364, 0.3301, 0.3531



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.



39.0809, 0.3636, 0.3979



68.2242, 0.3759, 0.4136



39.9772, 0.3414, 0.4132



9.6992, 0.3267, 0.3484



23.1438, 0.4460, 0.4841



0.7838, 0.4375, 0.4908

Inverse Universe

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



22.6022, 0.2579, 0.2491



33.8999, 0.2433, 0.2270



22.1737, 0.2762, 0.2406



8.4163, 0.2985, 0.3088



2.8542, 0.1535, 0.0727



0.1501, 0.1646, 0.1124

Previews

White Background



This preview shows how the Yxy color 39.0791, 0.3636, 0.3979 looks on a white background.

Color Contrast Check

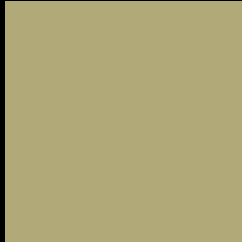
Large Text (above 18pt) WCAG AA × Fail

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 39.0791, 0.3636, 0.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

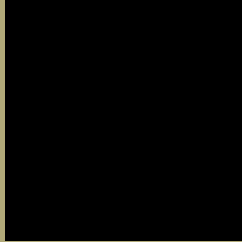
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0791, 0.3636, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 39.0791, 0.3636, 0.3979.



This preview shows how white text looks on a background with the Yxy color 39.0791, 0.3636, 0.3979.

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

39.0791, 0.3636, 0.3979

Protanopia

39.1609, 0.3689, 0.3970

Deuteranopia

39.0370, 0.3877, 0.3801



Tritanopia

39.0031, 0.3211, 0.3116

Trichromacy



Original Color

39.0791, 0.3636, 0.3979

Protanomaly

39.0405, 0.3679, 0.3972

Deuteranomaly

39.0078, 0.3790, 0.3869

Tritanomaly

39.1006, 0.3369, 0.3428

Monochromacy



Original Color

39.0791, 0.3636, 0.3979

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.3534, 0.3313, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0791, 0.3636, 0.3979 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, 169, 120)` looks like.

```
.text, #text, p{  
    color:rgb(177, 169, 120)  
}
```

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, 169, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 169, 120) }
```

Border

The CSS property to change the border of an element to Yxy 39.0791, 0.3636, 0.3979 is called "border". The border property can be set on classes, ids or directly on the HTML element.

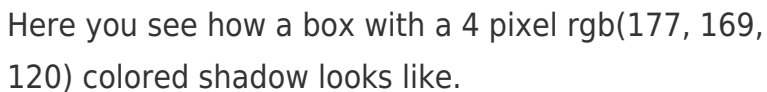
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 169, 120) }
```

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

```
.border{ border-color:rgb(177, 169, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 169, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 169, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 169, 120); box-shadow:4px 4px 4px 4px rgb(177, 169, 120) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0791, 0.3636, 0.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 169, 120) }
```

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

```
.background{ background-color: rgb(177,  
169, 120) }
```

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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