

Converting Colors

$Yxy(39.6979, 0.3453, 0.3741)$

Have a look what the booklet for
Yxy(39.6979, 0.3453, 0.3741)
contains.

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Color

Yxy(39.6984, 0.3453, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	AFAA8A
RGB	175, 170, 138
RGB Percent	69%, 67%, 54%
CMY	0.3137, 0.3333, 0.4588
CMYK	0.00, 0.03, 0.21, 0.31
HSL	52°, 19%, 61%
HSV	52°, 21%, 69%
XYZ	36.6422, 39.6984, 29.7765
YIQ	167.8470, 13.2520, -8.8920

Conversions

Conversions Part 2

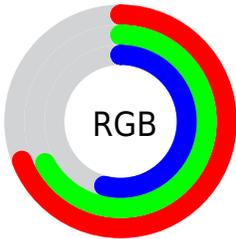
Format	Color
RYB	144, 175, 138
Decimal	11512458
CIELab	69.25, -3.57, 17.17
CIELCh	69, 17.540, 101.753
Yxy	39.6984, 0.3453, 0.3741
Android (android.graphics.Color)	4289702538 (0xFFAFAA8A)
YUV	167.8470, -14.7146, 6.2732
Hunter-Lab	63.0067, -6.4530, 16.0847

Details

The Yxy color **39.6984, 0.3453, 0.3741** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.1452, 0.2785, 0.2795**, and the grayscale version is **39.1488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6451, 0.3391, 0.3647**, and **17.7990, 0.3546, 0.3880** is the 20% darker color. If you saturate the color by 10%, you get **38.3543, 0.3617, 0.3959**, and if you desaturate by 10%, it is **41.1437, 0.3294, 0.3524**.

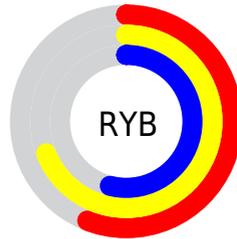
Distribution



Red (69%)

Green (67%)

Blue (54%)



Red (56%)

Yellow (69%)

Blue (54%)

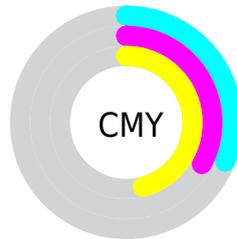


Cyan (0%)

Magenta (3%)

Yellow (21%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6984, 0.3453, 0.3741 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 39.6984, 0.3453, 0.3741 by changing the saturation by 10% instead.

 39.6984, 0.3453,
0.3741

 39.6984, 0.3453,
0.3741

344.8507, 0.3287,
0.3508

 27.3035, 0.3495,
0.3801

 74.7040, 0.3392,
0.3655

 17.8013, 0.3549,
0.3880

 98.0835, 0.3370,
0.3623

 10.8074, 0.3622,
0.3987

 125.8933, 0.3350,
0.3596

 5.9375, 0.3722,
0.4140

158.5178, 0.3334,
0.3573

 2.8071, 0.3869,
0.4372

196.3414, 0.3320,
0.3553

 1.0319, 0.4623,
0.5377

239.7485, 0.3308,

 0.0000, 0.0000,

0.3536

0.0000

289.1235, 0.3297,
0.3521

■ 39.6984, 0.3453,
0.3741

■ 39.6984, 0.3453,
0.3741

■ 38.3543, 0.3617,
0.3959

■ 41.1437, 0.3294,
0.3524

■ 37.1021, 0.3781,
0.4171

■ 42.6886, 0.3144,
0.3313

■ 35.9393, 0.3940,
0.4368

■ 44.3383, 0.3003,
0.3113

■ 34.8611, 0.4087,
0.4540

■ 46.0963, 0.2874,
0.2926

■ 33.8623, 0.4217,
0.4678

■ 47.9656, 0.2755,
0.2752

■ 32.9369, 0.4322,
0.4775

■ 49.9492, 0.2648,
0.2592

■ 32.0780, 0.4400,
0.4829

■ 51.6904, 0.2582,
0.2499

■ 31.3596, 0.4452,
0.4847

■ 52.6995, 0.2585,
0.2527

■ 53.7251, 0.2588,
0.2555

Harmonies

Analogous

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



39.6984, 0.3610, 0.3633



39.6984, 0.3453, 0.3741



39.6984, 0.3212, 0.3723

Triad

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



39.6984, 0.3453, 0.3741



39.6984, 0.2646, 0.3104



39.6984, 0.3289, 0.3029

Complementary

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



39.6984, 0.3453, 0.3741



28.1452, 0.2785, 0.2795

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.



39.6984, 0.3026, 0.2898



39.6984, 0.3453, 0.3741



39.6984, 0.2663, 0.2932

Square

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



39.6984, 0.3453, 0.3741



39.6984, 0.2750, 0.3341



39.6984, 0.2799, 0.2861



39.6984, 0.3515, 0.3224

Rectangle

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



39.6984, 0.3453, 0.3741



39.6984, 0.3038, 0.3636



39.6984, 0.2799, 0.2861



39.6984, 0.3201, 0.2977

Sweetspot

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



39.7002, 0.3453, 0.3741



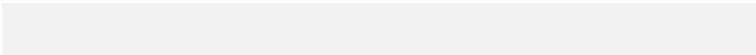
75.0533, 0.3217, 0.3417



29.2922, 0.3482, 0.3210



16.6425, 0.3227, 0.3430



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.



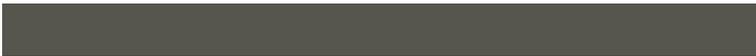
39.7002, 0.3453, 0.3741



70.0423, 0.3523, 0.3835



40.1841, 0.3318, 0.3828



9.1428, 0.3266, 0.3485



22.5217, 0.4449, 0.4850



0.6765, 0.4361, 0.4920

Inverse Universe

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



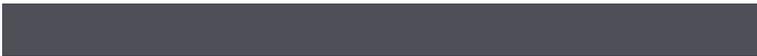
28.1452, 0.2785, 0.2795



45.9071, 0.2707, 0.2679



27.8479, 0.2906, 0.2735



7.9254, 0.2986, 0.3088



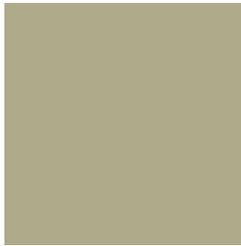
2.7289, 0.1534, 0.0722



0.1290, 0.1648, 0.1132

Previews

White Background



This preview shows how the Yxy color 39.6984, 0.3453, 0.3741 looks on a white background.

Color Contrast Check

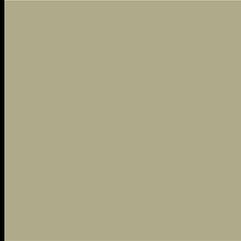
Large Text (above 18pt) WCAG AA × Fail

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 39.6984, 0.3453, 0.3741 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

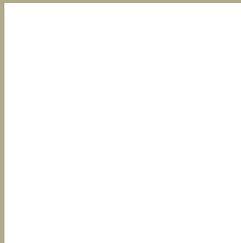
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6984, 0.3453, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 39.6984, 0.3453, 0.3741.



This preview shows how white text looks on a background with the Yxy color 39.6984, 0.3453, 0.3741.

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

39.6984, 0.3453, 0.3741

Protanopia

39.7658, 0.3504, 0.3736

Deuteranopia

39.4699, 0.3668, 0.3582



Tritanopia

39.7879, 0.3163, 0.3129

Trichromacy



Original Color

39.6984, 0.3453, 0.3741

Protanomaly

39.6471, 0.3494, 0.3738

Deuteranomaly

39.4657, 0.3587, 0.3644

Tritanomaly

39.7468, 0.3265, 0.3345

Monochromacy



Original Color

39.6984, 0.3453, 0.3741

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.4682, 0.3249, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6984, 0.3453, 0.3741 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(175, 170, 138)` looks like.

```
.text, #text, p{  
    color:rgb(175, 170, 138)  
}
```

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(175, 170, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 170, 138) }
```

Border

The CSS property to change the border of an element to Yxy 39.6984, 0.3453, 0.3741 is called "border". The border property can be set on classes, ids or directly on the HTML element.

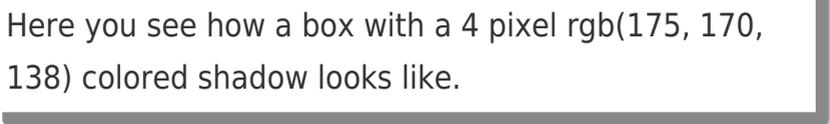
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 170, 138) }
```

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

```
.border{ border-color:rgb(175, 170, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 170, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 170, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 170, 138); box-shadow:4px 4px 4px 4px rgb(175, 170, 138) }
```

Background

The CSS property to change the background color of an element to Yxy 39.6984, 0.3453, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 170, 138) }
```

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

```
.background{ background-color: rgb(175,  
170, 138) }
```

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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