

Converting Colors

$Yxy(39.7128, 0.3379, 0.3713)$

Have a look what the booklet for
Yxy(39.7128, 0.3379, 0.3713)
contains.

Yxy(39.7068, 0.3385, 0.3717)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.7068, 0.3385, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	ABAB8D
RGB	171, 171, 141
RGB Percent	67%, 67%, 55%
CMY	0.3295, 0.3294, 0.4471
CMYK	0.00, 0.00, 0.18, 0.33
HSL	60°, 15%, 61%
HSV	60°, 18%, 67%
XYZ	36.1602, 39.7068, 30.9578
YIQ	167.5800, 9.6300, -9.3300

Conversions

Conversions Part 2

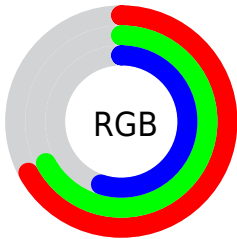
Format	Color
RYB	141, 171, 141
Decimal	11250573
CIELab	69.26, -5.20, 15.49
CIELCh	69, 16.338, 108.564
Yxy	39.7068, 0.3385, 0.3717
Android (android.graphics.Color)	4289440653 (0xFFABAB8D)
YUV	167.5800, -13.1039, 2.9993
Hunter-Lab	63.0133, -7.8411, 14.9807

Details

The Yxy color **39.7068, 0.3385, 0.3717** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.6579, 0.2846, 0.2824**, and the grayscale version is **39.0020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6637, 0.3339, 0.3628**, and **17.8709, 0.3464, 0.3846** is the 20% darker color. If you saturate the color by 10%, you get **39.2353, 0.3534, 0.3964**, and if you desaturate by 10%, it is **40.2604, 0.3237, 0.3471**.

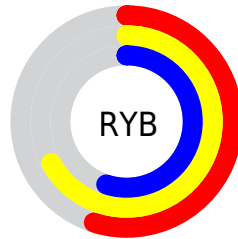
Distribution



Red (67%)

Green (67%)

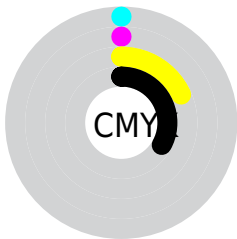
Blue (55%)



Red (55%)

Yellow (67%)

Blue (55%)

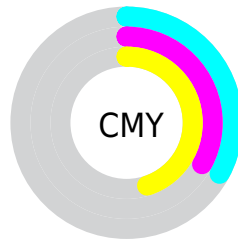


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (33%)



Cyan (33%)


Magenta (33%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7068, 0.3385, 0.3717 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 39.7068, 0.3385, 0.3717 by changing the saturation by 10% instead.

 39.7068, 0.3385,
0.3717


 39.7068, 0.3385,
0.3717


344.8862, 0.3254,
0.3496


 27.3100, 0.3418,
0.3775


 74.7168, 0.3337,
0.3635

 17.8062, 0.3461,
0.3851


 98.0989, 0.3319,
0.3604

 10.8109, 0.3517,
0.3954


 125.9114, 0.3304,
0.3579

 5.9398, 0.3596,
0.4103

158.5390, 0.3291,
0.3557

 2.8085, 0.3712,
0.4335

196.3658, 0.3280,
0.3539

 1.0326, 0.4429,
0.5397

239.7764, 0.3270,

 0.0000, 0.0000,

0.3522

0.0000

289.1550, 0.3262,
0.3508

■ 39.7068, 0.3385,
0.3717

■ 39.7068, 0.3385,
0.3717

■ 39.2353, 0.3534,
0.3964

■ 40.2604, 0.3237,
0.3471

■ 38.8371, 0.3679,
0.4204

■ 40.8942, 0.3092,
0.3232

■ 38.5100, 0.3814,
0.4428

■ 41.6132, 0.2955,
0.3006

■ 38.2499, 0.3934,
0.4627

■ 42.4203, 0.2827,
0.2793

■ 38.0520, 0.4033,
0.4792

■ 43.3184, 0.2709,
0.2597

■ 37.9110, 0.4108,
0.4917

■ 44.3103, 0.2600,
0.2418

■ 37.8210, 0.4158,
0.5000

■ 45.0251, 0.2533,
0.2307

■ 37.7721, 0.4185,
0.5045

■ 45.0279, 0.2534,
0.2307

■ 37.7622, 0.4191,
0.5055

■ 45.0307, 0.2534,
0.2307

Harmonies

Analogous

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



39.7068, 0.3553, 0.3641



39.7068, 0.3385, 0.3717



39.7068, 0.3151, 0.3671

Triad

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



39.7068, 0.3385, 0.3717



39.7068, 0.2671, 0.3074



39.7068, 0.3331, 0.3084

Complementary

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



39.7068, 0.3385, 0.3717



27.6579, 0.2846, 0.2824

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.



39.7068, 0.3088, 0.2945



39.7068, 0.3385, 0.3717



39.7068, 0.2714, 0.2932

Square

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



39.7068, 0.3385, 0.3717



39.7068, 0.2744, 0.3285



39.7068, 0.2864, 0.2889



39.7068, 0.3524, 0.3275

Rectangle

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



39.7068, 0.3385, 0.3717



39.7068, 0.2992, 0.3573



39.7068, 0.2864, 0.2889



39.7068, 0.3252, 0.3030

Sweetspot

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



39.7086, 0.3385, 0.3717



72.3573, 0.3201, 0.3412



29.6329, 0.3457, 0.3291



16.1193, 0.3210, 0.3428



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.



39.7086, 0.3385, 0.3717



70.7635, 0.3442, 0.3812



38.1227, 0.3243, 0.3737



9.3296, 0.3262, 0.3514



28.4624, 0.4191, 0.5055



0.7920, 0.4192, 0.5054

Inverse Universe

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



27.6579, 0.2846, 0.2824



45.1799, 0.2776, 0.2709



29.0598, 0.2994, 0.2844



7.7578, 0.2986, 0.3056



2.2180, 0.1501, 0.0600



0.0619, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 39.7068, 0.3385, 0.3717 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 39.7068, 0.3385, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

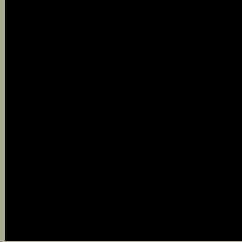
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

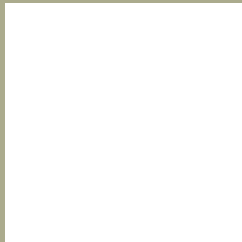
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.7068, 0.3385, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 39.7068, 0.3385, 0.3717.



This preview shows how white text looks on a background with the Yxy color 39.7068, 0.3385, 0.3717.

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

39.7068, 0.3385, 0.3717

Protanopia

39.8531, 0.3477, 0.3694

Deuteranopia

39.7797, 0.3626, 0.3556



Tritanopia

39.7572, 0.3108, 0.3114

Trichromacy



Original Color

39.7068, 0.3385, 0.3717

Protanomaly

39.8730, 0.3445, 0.3711

Deuteranomaly

39.6645, 0.3536, 0.3618

Tritanomaly

39.7205, 0.3208, 0.3332

Monochromacy



Original Color

39.7068, 0.3385, 0.3717

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.2796, 0.3221, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7068, 0.3385, 0.3717 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(171, 171, 141)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 141)  
}
```

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(171, 171, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 141) }
```

Border

The CSS property to change the border of an element to Yxy 39.7068, 0.3385, 0.3717 is called "border". The border property can be set on classes, ids or directly on the HTML element.

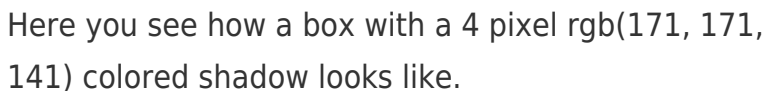
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 171, 141) }
```

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

```
.border{ border-color:rgb(171, 171, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 171, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 171, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 171, 141); box-shadow:4px 4px 4px 4px rgb(171, 171, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7068, 0.3385, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 141) }
```

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

```
.background{ background-color: rgb(171,  
171, 141) }
```

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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