

Converting Colors

$Y_{xy}(40.2791, 0.3479, 0.3765)$

Have a look what the booklet for
Yxy(40.2791, 0.3479, 0.3765)
contains.

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Color

Yxy(40.2791, 0.3479, 0.3765)

Conversions

Conversions Part 1

Format	Color
Hex	B1AB89
RGB	177, 171, 137
RGB Percent	69%, 67%, 54%
CMY	0.3057, 0.3295, 0.4627
CMYK	0.00, 0.03, 0.23, 0.31
HSL	51°, 20%, 62%
HSV	51°, 23%, 69%
XYZ	37.2194, 40.2791, 29.4845
YIQ	168.9180, 14.4900, -9.3020

Conversions

Conversions Part 2

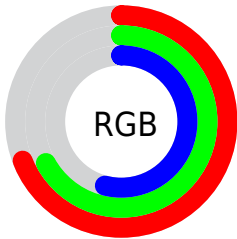
Format	Color
RYB	144, 177, 137
Decimal	11643785
CIELab	69.67, -3.46, 18.31
CIELCh	70, 18.634, 100.686
Yxy	40.2791, 0.3479, 0.3765
Android (android.graphics.Color)	4289833865 (0xFFB1AB89)
YUV	168.9180, -15.7356, 7.0879
Hunter-Lab	63.4658, -6.3843, 16.8815

Details

The Yxy color **40.2791, 0.3479, 0.3765** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.1649, 0.2759, 0.2766**, and the grayscale version is **39.7119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4341, 0.3417, 0.3678**, and **18.1669, 0.3581, 0.3912** is the 20% darker color. If you saturate the color by 10%, you get **38.8107, 0.3645, 0.3979**, and if you desaturate by 10%, it is **41.8551, 0.3318, 0.3551**.

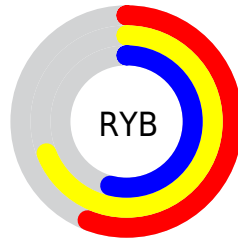
Distribution



Red (69%)

Green (67%)

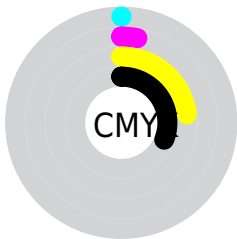
Blue (54%)



Red (56%)

Yellow (69%)

Blue (54%)

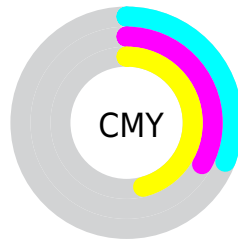


Cyan (0%)

Magenta (3%)

Yellow (23%)

Black (31%)



Cyan (31%)


Magenta (33%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.2791, 0.3479, 0.3765 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 40.2791, 0.3479, 0.3765 by changing the saturation by 10% instead.


 40.2791, 0.3479,
0.3765


 40.2791, 0.3479,
0.3765


347.2985, 0.3300,
0.3520

 27.7562, 0.3524,
0.3828


 75.5883, 0.3414,
0.3675

 18.1420, 0.3582,
0.3910


 99.1435, 0.3389,
0.3641

 11.0520, 0.3659,
0.4021


 127.1448, 0.3369,
0.3613

 6.1018, 0.3766,
0.4178

159.9768, 0.3351,
0.3589

 2.9071, 0.3920,
0.4415

198.0237, 0.3336,
0.3568

 1.0834, 0.4636,
0.5364

241.6701, 0.3323,

 0.0000, 0.0000,

0.3550

0.0000

291.3002, 0.3311,
0.3534

■ 40.2791, 0.3479,
0.3765

■ 40.2791, 0.3479,
0.3765

■ 38.8107, 0.3645,
0.3979

■ 41.8551, 0.3318,
0.3551

■ 37.4402, 0.3812,
0.4187

■ 43.5371, 0.3165,
0.3343

■ 36.1650, 0.3974,
0.4378

■ 45.3307, 0.3023,
0.3145

■ 34.9801, 0.4124,
0.4543

■ 47.2393, 0.2892,
0.2959

■ 33.8799, 0.4255,
0.4674

■ 49.2662, 0.2773,
0.2786

■ 32.8582, 0.4362,
0.4763

■ 51.4145, 0.2664,
0.2627

■ 31.9075, 0.4441,
0.4807

■ 53.2980, 0.2599,
0.2540

■ 31.2394, 0.4487,
0.4819

■ 54.4689, 0.2603,
0.2571

■ 55.6612, 0.2607,
0.2603

Harmonies

Analogous

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



40.2791, 0.3641, 0.3645



40.2791, 0.3479, 0.3765



40.2791, 0.3226, 0.3752

Triad

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



40.2791, 0.3479, 0.3765



40.2791, 0.2621, 0.3100



40.2791, 0.3288, 0.3009

Complementary

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



40.2791, 0.3479, 0.3765



28.1649, 0.2759, 0.2766

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.



40.2791, 0.3010, 0.2874



40.2791, 0.3479, 0.3765



40.2791, 0.2635, 0.2916

Square

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



40.2791, 0.3479, 0.3765



40.2791, 0.2735, 0.3352



40.2791, 0.2774, 0.2838



40.2791, 0.3530, 0.3212

Rectangle

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



40.2791, 0.3479, 0.3765



40.2791, 0.3042, 0.3663



40.2791, 0.2774, 0.2838



40.2791, 0.3195, 0.2954

Sweetspot

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



40.2809, 0.3479, 0.3765



76.5410, 0.3233, 0.3436



29.2527, 0.3506, 0.3195



16.5502, 0.3242, 0.3448



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.



40.2809, 0.3479, 0.3765



70.7956, 0.3559, 0.3869



41.1332, 0.3337, 0.3867



9.6829, 0.3267, 0.3482



22.6898, 0.4483, 0.4822



0.7731, 0.4391, 0.4896

Inverse Universe

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



28.1649, 0.2759, 0.2766



45.3728, 0.2670, 0.2635



27.5900, 0.2881, 0.2691



8.4311, 0.2985, 0.3091



2.9199, 0.1540, 0.0742



0.1562, 0.1656, 0.1161

Previews

White Background



This preview shows how the Yxy color 40.2791, 0.3479, 0.3765 looks on a white background.

Color Contrast Check

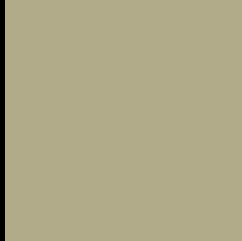
Large Text (above 18pt) WCAG AA × Fail

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 40.2791, 0.3479, 0.3765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

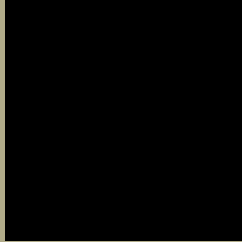
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.2791, 0.3479, 0.3765

Background



This preview shows how black text looks on a background with the Yxy color 40.2791, 0.3479, 0.3765.



This preview shows how white text looks on a background with the Yxy color 40.2791, 0.3479, 0.3765.

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

40.2791, 0.3479, 0.3765

Protanopia

40.3508, 0.3529, 0.3760

Deuteranopia

40.4208, 0.3691, 0.3619



Tritanopia

40.0697, 0.3172, 0.3117

Trichromacy



Original Color

40.2791, 0.3479, 0.3765

Protanomaly

40.2303, 0.3520, 0.3762

Deuteranomaly

40.4196, 0.3610, 0.3681

Tritanomaly

39.9851, 0.3284, 0.3345

Monochromacy



Original Color

40.2791, 0.3479, 0.3765

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.9544, 0.3257, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2791, 0.3479, 0.3765 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, 171, 137)` looks like.

```
.text, #text, p{  
    color:rgb(177, 171, 137)  
}
```

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, 171, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 171, 137) }
```

Border

The CSS property to change the border of an element to Yxy 40.2791, 0.3479, 0.3765 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, 171, 137) }
```

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

```
.border{ border-color:rgb(177, 171, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 171, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 171, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 171, 137);  
box-shadow:4px 4px 4px 4px rgb(177, 171,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2791, 0.3479, 0.3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 171, 137) }
```

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

```
.background{ background-color: rgb(177,  
171, 137) }
```

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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