

Converting Colors

$Yxy(43.1252, 0.3390, 0.3984)$

Have a look what the booklet for
Yxy(43.1252, 0.3390, 0.3984)
contains.

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Color

Yxy(43.3648, 0.3389, 0.3983)

Conversions

Conversions Part 1

Format	Color
Hex	A7B685
RGB	167, 182, 133
RGB Percent	65%, 71%, 52%
CMY	0.3451, 0.2863, 0.4785
CMYK	0.08, 0.00, 0.27, 0.29
HSL	78°, 25%, 62%
HSV	78°, 27%, 71%
XYZ	36.8976, 43.3648, 28.6123
YIQ	171.9290, 6.7890, -18.4190

Conversions

Conversions Part 2

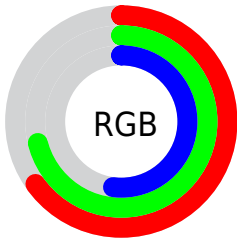
Format	Color
RYB	133, 182, 148
Decimal	10991237
CIELab	71.80, -13.71, 23.28
CIELCh	72, 27.017, 120.497
Yxy	43.3648, 0.3389, 0.3983
Android (android.graphics.Color)	4289181317 (0xFFA7B685)
YUV	171.9290, -19.1920, -4.3227
Hunter-Lab	65.8520, -15.2252, 20.3352

Details

The Yxy color $43.3648, 0.3389, 0.3983$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $26.4458, 0.2811, 0.2560$, and the grayscale version is $41.3141, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.3822, 0.3350, 0.3855$, and $19.9025, 0.3448, 0.4197$ is the 20% darker color. If you saturate the color by 10%, you get $42.3127, 0.3480, 0.4256$, and if you desaturate by 10%, it is $44.5340, 0.3292, 0.3715$.

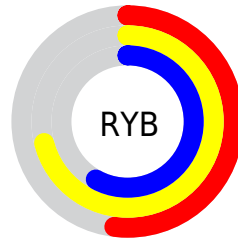
Distribution



Red (65%)

Green (71%)

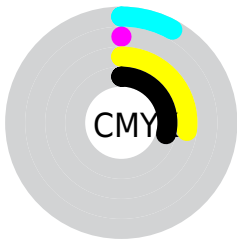
Blue (52%)



Red (52%)

Yellow (71%)

Blue (58%)

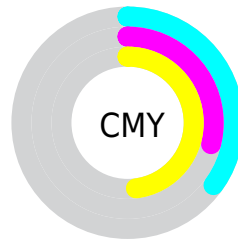


Cyan (8%)

Magenta (0%)

Yellow (27%)

Black (29%)



Cyan (35%)


Magenta (29%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3648, 0.3389, 0.3983 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 43.3648, 0.3389, 0.3983 by changing the saturation by 10% instead.


 43.3648, 0.3389,
0.3983


 43.3648, 0.3389,
0.3983

360.1099, 0.3263,
0.3624

 30.1714, 0.3418,
0.4076


 80.2611, 0.3345,
0.3850

 19.9688, 0.3454,
0.4198


 104.7328, 0.3327,
0.3800

 12.3723, 0.3499,
0.4363


 133.7327, 0.3313,
0.3759

 6.9978, 0.3554,
0.4597

167.6453, 0.3300,
0.3724

 3.4607, 0.3616,
0.4952

206.8549, 0.3289,
0.3694

 1.3767, 0.3976,
0.6024

251.7459, 0.3279,

 0.1995, 0.0000,

0.3667

1.0000

302.7028, 0.3271,
0.3644

0.0000, 0.0000,
0.0000

43.3648, 0.3389,
0.3983

43.3648, 0.3389,
0.3983

42.3127, 0.3480,
0.4256

44.5340, 0.3292,
0.3715

41.3672, 0.3561,
0.4526

45.8191, 0.3194,
0.3458

40.5249, 0.3628,
0.4781

47.2263, 0.3098,
0.3218

39.7802, 0.3675,
0.5010

48.7594, 0.3005,
0.2996

39.1265, 0.3698,
0.5202

50.4223, 0.2916,
0.2793

■ 38.5564, 0.3697,
0.5347

■ 52.2187, 0.2833,
0.2609

■ 38.0596, 0.3673,
0.5447

■ 53.7995, 0.2790,
0.2492

■ 37.9158, 0.3663,
0.5473

■ 54.6110, 0.2831,
0.2502

■ 55.4511, 0.2872,
0.2511

Harmonies

Analogous

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



43.3648, 0.3717, 0.3918



43.3648, 0.3389, 0.3983



43.3648, 0.3004, 0.3831

Triad

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



43.3648, 0.3389, 0.3983



43.3648, 0.2417, 0.2831



43.3648, 0.3594, 0.3074

Complementary

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



43.3648, 0.3389, 0.3983



26.4458, 0.2811, 0.2560

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.



43.3648, 0.3216, 0.2824



43.3648, 0.3389, 0.3983



43.3648, 0.2550, 0.2678

Square

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



43.3648, 0.3389, 0.3983



43.3648, 0.2457, 0.3127



43.3648, 0.2835, 0.2681



43.3648, 0.3846, 0.3383

Rectangle

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



43.3648, 0.3389, 0.3983



43.3648, 0.2767, 0.3625



43.3648, 0.2835, 0.2681



43.3648, 0.3476, 0.2982

Sweetspot

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



43.3667, 0.3389, 0.3983



82.7726, 0.3206, 0.3489



32.7233, 0.3644, 0.3500



18.2022, 0.3221, 0.3527



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.3667, 0.3389, 0.3983



77.5220, 0.3441, 0.4136



40.9723, 0.3174, 0.4032



10.3617, 0.3218, 0.3519



26.8104, 0.3669, 0.5468



0.9760, 0.3810, 0.5357

Inverse Universe

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



26.4458, 0.2811, 0.2560



41.9557, 0.2730, 0.2387



28.9440, 0.3056, 0.2610



8.8492, 0.3031, 0.3057



3.0041, 0.1721, 0.0722



0.1395, 0.2025, 0.0889

Previews

White Background



This preview shows how the Yxy color 43.3648, 0.3389, 0.3983 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 43.3648, 0.3389, 0.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

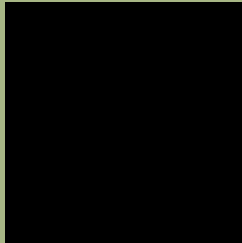
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3648, 0.3389, 0.3983

Background



This preview shows how black text looks on a background with the Yxy color 43.3648, 0.3389, 0.3983.



This preview shows how white text looks on a background with the Yxy color 43.3648, 0.3389, 0.3983.

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

43.3648, 0.3389, 0.3983

Protanopia

43.3537, 0.3630, 0.3905

Deuteranopia

43.2753, 0.3778, 0.3709



Tritanopia

43.4480, 0.3015, 0.3105

Trichromacy



Original Color

43.3648, 0.3389, 0.3983

Protanomaly

43.1828, 0.3538, 0.3933

Deuteranomaly

43.2278, 0.3632, 0.3806

Tritanomaly

43.4760, 0.3148, 0.3413

Monochromacy



Original Color

43.3648, 0.3389, 0.3983

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.0653, 0.3222, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3648, 0.3389, 0.3983 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(167, 182, 133)` looks like.

```
.text, #text, p{  
    color:rgb(167, 182, 133)  
}
```

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(167, 182, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 182, 133) }
```

Border

The CSS property to change the border of an element to Yxy 43.3648, 0.3389, 0.3983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

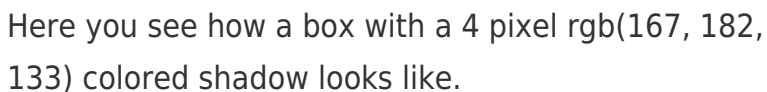
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 182, 133) }
```

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

```
.border{ border-color:rgb(167, 182, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 182, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 182, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 182, 133); box-shadow:4px 4px 4px 4px rgb(167, 182, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3648, 0.3389, 0.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 182, 133) }
```

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

```
.background{ background-color: rgb(167,  
182, 133) }
```

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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