

Converting Colors

$Yxy(40.9861, 0.3474, 0.3899)$

Have a look what the booklet for
Yxy(40.9861, 0.3474, 0.3899)
contains.

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Color

Yxy(41.1829, 0.3480, 0.3910)

Conversions

Conversions Part 1

Format	Color
Hex	ADAF83
RGB	173, 175, 131
RGB Percent	68%, 69%, 51%
CMY	0.3217, 0.3137, 0.4863
CMYK	0.01, 0.00, 0.25, 0.31
HSL	63°, 22%, 60%
HSV	63°, 25%, 69%
XYZ	36.6538, 41.1829, 27.4904
YIQ	169.3860, 12.9320, -14.1080

Conversions

Conversions Part 2

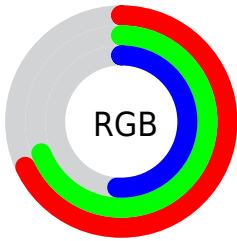
Format	Color
RYB	131, 175, 133
Decimal	11382659
CIELab	70.30, -8.06, 22.39
CIELCh	70, 23.799, 109.793
Yxy	41.1829, 0.3480, 0.3910
Android (android.graphics.Color)	4289572739 (0xFFADAF83)
YUV	169.3860, -18.9243, 3.1695
Hunter-Lab	64.1739, -10.3515, 19.5235

Details

The Yxy color **41.1829, 0.3480, 0.3910** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.3204, 0.2723, 0.2594**, and the grayscale version is **39.9664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7123, 0.3421, 0.3789**, and **18.7531, 0.3577, 0.4111** is the 20% darker color. If you saturate the color by 10%, you get **40.6567, 0.3618, 0.4157**, and if you desaturate by 10%, it is **41.7935, 0.3338, 0.3660**.

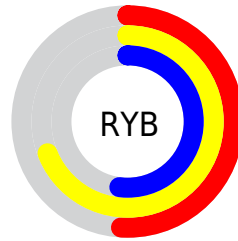
Distribution



Red (68%)

Green (69%)

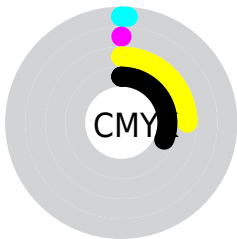
Blue (51%)



Red (51%)

Yellow (69%)

Blue (52%)

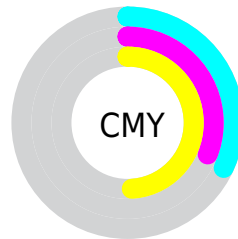


Cyan (1%)

Magenta (0%)

Yellow (25%)

Black (31%)



Cyan (32%)


Magenta (31%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1829, 0.3480, 0.3910 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 41.1829, 0.3480, 0.3910 by changing the saturation by 10% instead.


 41.1829, 0.3480,
0.3910

 41.1829, 0.3480,
0.3910


351.0845, 0.3304,
0.3589


 28.4620, 0.3523,
0.3993


 76.9615, 0.3417,
0.3791

 18.6742, 0.3577,
0.4101


 100.7879, 0.3393,
0.3747

 11.4351, 0.3648,
0.4247


 129.0851, 0.3372,
0.3710

 6.3603, 0.3740,
0.4453

162.2373, 0.3355,
0.3679

 3.0654, 0.3864,
0.4765

200.6289, 0.3340,
0.3652

 1.1660, 0.4324,
0.5676

244.6444, 0.3326,

 0.0336, 0.0000,

0.3628

1.0000

294.6681, 0.3315,
0.3608

0.0000, 0.0000,
0.0000

41.1829, 0.3480,
0.3910

41.1829, 0.3480,
0.3910

40.6567, 0.3618,
0.4157

41.7935, 0.3338,
0.3660

40.2053, 0.3748,
0.4392

42.4868, 0.3198,
0.3413

39.8263, 0.3864,
0.4606

43.2681, 0.3062,
0.3177

39.5148, 0.3961,
0.4789

44.1407, 0.2933,
0.2954

39.2653, 0.4034,
0.4933

45.1077, 0.2812,
0.2746

■ 39.0718, 0.4082,
0.5035

■ 46.1721, 0.2701,
0.2555

■ 38.9264, 0.4106,
0.5095

■ 47.3368, 0.2599,
0.2381

■ 38.8645, 0.4112,
0.5117

■ 47.5296, 0.2596,
0.2369

■ 47.6276, 0.2602,
0.2370

Harmonies

Analogous

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



41.1829, 0.3732, 0.3796



41.1829, 0.3480, 0.3910



41.1829, 0.3142, 0.3842

Triad

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



41.1829, 0.3480, 0.3910



41.1829, 0.2481, 0.2962



41.1829, 0.3433, 0.3007

Complementary

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



41.1829, 0.3480, 0.3910



24.3204, 0.2723, 0.2594

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.



41.1829, 0.3082, 0.2810



41.1829, 0.3480, 0.3910



41.1829, 0.2547, 0.2773

Square

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



41.1829, 0.3480, 0.3910



41.1829, 0.2575, 0.3263



41.1829, 0.2761, 0.2724



41.1829, 0.3709, 0.3274

Rectangle

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



41.1829, 0.3480, 0.3910



41.1829, 0.2915, 0.3693



41.1829, 0.2761, 0.2724



41.1829, 0.3319, 0.2931

Sweetspot

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



41.1847, 0.3480, 0.3910



75.6893, 0.3240, 0.3486



27.3849, 0.3641, 0.3313



16.7811, 0.3260, 0.3523



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.



41.1847, 0.3480, 0.3910



73.2199, 0.3555, 0.4044



38.9363, 0.3278, 0.3952



9.3109, 0.3256, 0.3515



27.8341, 0.4113, 0.5116



0.7800, 0.4139, 0.5096

Inverse Universe

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



24.3204, 0.2723, 0.2594



37.9792, 0.2622, 0.2420



26.2460, 0.2939, 0.2635



7.7744, 0.2992, 0.3056



2.2619, 0.1518, 0.0610



0.0686, 0.1598, 0.0654

Previews

White Background



This preview shows how the Yxy color 41.1829, 0.3480, 0.3910 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 41.1829, 0.3480, 0.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

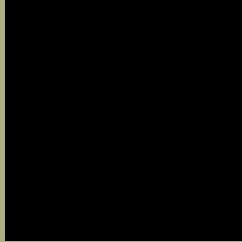
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1829, 0.3480, 0.3910

Background



This preview shows how black text looks on a background with the Yxy color 41.1829, 0.3480, 0.3910.



This preview shows how white text looks on a background with the Yxy color 41.1829, 0.3480, 0.3910.

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

41.1829, 0.3480, 0.3910

Protanopia

41.2804, 0.3614, 0.3877

Deuteranopia

41.0212, 0.3774, 0.3705



Tritanopia

41.0860, 0.3118, 0.3104

Trichromacy



Original Color

41.1829, 0.3480, 0.3910

Protanomaly

41.2021, 0.3563, 0.3884

Deuteranomaly

41.1182, 0.3668, 0.3785

Tritanomaly

41.1173, 0.3250, 0.3400

Monochromacy



Original Color

41.1829, 0.3480, 0.3910

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.0384, 0.3254, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1829, 0.3480, 0.3910 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(173, 175, 131)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 131)  
}
```

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(173, 175, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 131) }
```

Border

The CSS property to change the border of an element to Yxy 41.1829, 0.3480, 0.3910 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(173, 175, 131) }
```

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

```
.border{ border-color:rgb(173, 175, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 175, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 131);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1829, 0.3480, 0.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 175, 131) }
```

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

```
.background{ background-color: rgb(173,  
175, 131) }
```

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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