

Converting Colors

$Yxy(41.8821, 0.3390, 0.4197)$

Have a look what the booklet for
Yxy(41.8821, 0.3390, 0.4197)
contains.

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Color

Yxy(41.8799, 0.3390, 0.4197)

Conversions

Conversions Part 1

Format	Color
Hex	9CB678
RGB	156, 182, 120
RGB Percent	61%, 71%, 47%
CMY	0.3883, 0.2862, 0.5293
CMYK	0.14, 0.00, 0.34, 0.29
HSL	85°, 30%, 59%
HSV	85°, 34%, 71%
XYZ	33.8272, 41.8799, 24.0782
YIQ	167.1580, 4.4060, -24.7940

Conversions

Conversions Part 2

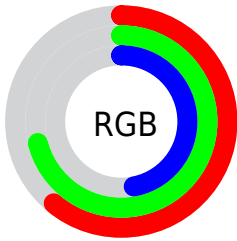
Format	Color
RYB	120, 182, 146
Decimal	10270328
CIELab	70.79, -19.75, 28.69
CIElCh	71, 34.833, 124.546
Yxy	41.8799, 0.3390, 0.4197
Android (android.graphics.Color)	4288460408 (0xFF9CB678)
YUV	167.1580, -23.2489, -9.7856
Hunter-Lab	64.7147, -19.9464, 23.2404

Details

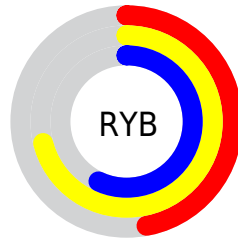
The Yxy color **41.8799, 0.3390, 0.4197** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **22.9329, 0.2780, 0.2359**, and the grayscale version is **38.8390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0151, 0.3347, 0.4018**, and **19.0985, 0.3444, 0.4476** is the 20% darker color. If you saturate the color by 10%, you get **40.7424, 0.3455, 0.4484**, and if you desaturate by 10%, it is **43.1531, 0.3317, 0.3914**.

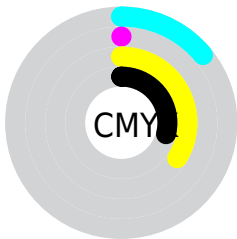
Distribution



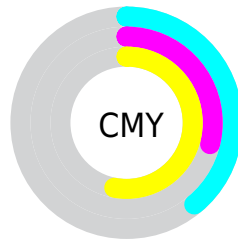
- Red (61%)
- Green (71%)
- Blue (47%)



- Red (47%)
- Yellow (71%)
- Blue (57%)



- Cyan (14%)
- Magenta (0%)
- Yellow (34%)
- Black (29%)





- Cyan (39%)
- Magenta (29%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8799, 0.3390, 0.4197 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 41.8799, 0.3390, 0.4197 by changing the saturation by 10% instead.

 41.8799, 0.3390,
0.4197


 41.8799, 0.3390,
0.4197


353.9848, 0.3268,
0.3720


 29.0073, 0.3416,
0.4322


 78.0178, 0.3349,
0.4019

 19.0863, 0.3445,
0.4487


 102.0519, 0.3332,
0.3953

 11.7327, 0.3478,
0.4710


 130.5753, 0.3318,
0.3899

 6.5619, 0.3508,
0.5028

163.9723, 0.3306,
0.3852

 3.1897, 0.3554,
0.5573

202.6273, 0.3295,
0.3812

 1.2315, 0.3465,
0.6535

246.9249, 0.3285,

 0.0872, 0.0000,

0.3778

1.0000

297.2492, 0.3276,
0.3747

0.0000, 0.0000,
0.0000

41.8799, 0.3390,
0.4197

41.8799, 0.3390,
0.4197

40.7424, 0.3455,
0.4484

43.1531, 0.3317,
0.3914

39.7294, 0.3506,
0.4763

44.5616, 0.3239,
0.3643

38.8366, 0.3540,
0.5022


46.1123, 0.3159,
0.3388

38.0571, 0.3553,
0.5248

47.8097, 0.3081,
0.3153


37.3833, 0.3542,
0.5428


49.6584, 0.3005,
0.2938


 36.8059, 0.3508,
0.5557

 51.6625, 0.2933,
0.2745

 36.4977, 0.3482,
0.5617

 53.8259, 0.2866,
0.2570

 55.4488, 0.2872,
0.2511

 56.6480, 0.2929,
0.2524

Harmonies

Analogous

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



41.8799, 0.3837, 0.4128



41.8799, 0.3390, 0.4197



41.8799, 0.2894, 0.3962

Triad

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



41.8799, 0.3390, 0.4197



41.8799, 0.2230, 0.2652



41.8799, 0.3793, 0.3058

Complementary

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



41.8799, 0.3390, 0.4197



22.9329, 0.2780, 0.2359

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.



41.8799, 0.3308, 0.2732



41.8799, 0.3390, 0.4197



41.8799, 0.2424, 0.2495

Square

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



41.8799, 0.3390, 0.4197



41.8799, 0.2248, 0.3005



41.8799, 0.2806, 0.2530



41.8799, 0.4093, 0.3450

Rectangle

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



41.8799, 0.3390, 0.4197



41.8799, 0.2602, 0.3666



41.8799, 0.2806, 0.2530



41.8799, 0.3644, 0.2939

Sweetspot

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



41.8817, 0.3390, 0.4197



81.8437, 0.3208, 0.3541



31.8149, 0.3789, 0.3659



17.9912, 0.3219, 0.3578



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.



41.8817, 0.3390, 0.4197



74.3257, 0.3440, 0.4416



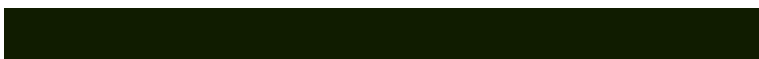
39.1900, 0.3122, 0.4277



10.3104, 0.3201, 0.3520



25.8118, 0.3490, 0.5611



0.9455, 0.3671, 0.5467

Inverse Universe

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



22.9329, 0.2780, 0.2359



34.6483, 0.2680, 0.2126



26.1458, 0.3110, 0.2444



8.8988, 0.3048, 0.3058



3.5196, 0.1890, 0.0815



0.1606, 0.2196, 0.0984

Previews

White Background



This preview shows how the Yxy color 41.8799, 0.3390, 0.4197 looks on a white background.

Color Contrast Check

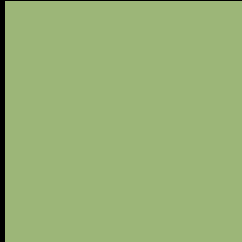
Large Text (above 18pt) WCAG AA × Fail

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 41.8799, 0.3390, 0.4197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

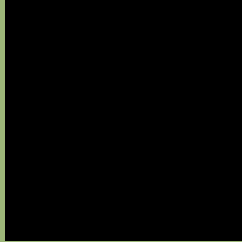
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8799, 0.3390, 0.4197

Background



This preview shows how black text looks on a background with the Yxy color 41.8799, 0.3390, 0.4197.



This preview shows how white text looks on a background with the Yxy color 41.8799, 0.3390, 0.4197.

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

41.8799, 0.3390, 0.4197

Protanopia

41.7129, 0.3752, 0.4056

Deuteranopia

41.7068, 0.3893, 0.3825



Tritanopia

41.9670, 0.2955, 0.3113

Trichromacy



Original Color

41.8799, 0.3390, 0.4197

Protanomaly

41.5651, 0.3623, 0.4110

Deuteranomaly

41.4999, 0.3696, 0.3951

Tritanomaly

41.7700, 0.3109, 0.3488

Monochromacy



Original Color

41.8799, 0.3390, 0.4197

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.4936, 0.3230, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8799, 0.3390, 0.4197 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(156, 182, 120)` looks like.

```
.text, #text, p{  
    color:rgb(156, 182, 120)  
}
```

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(156, 182, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 182, 120) }
```

Border

The CSS property to change the border of an element to Yxy 41.8799, 0.3390, 0.4197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

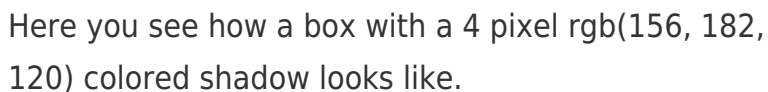
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 182, 120) }
```

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

```
.border{ border-color:rgb(156, 182, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 182, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 182, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 182, 120); box-shadow:4px 4px 4px 4px rgb(156, 182, 120) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8799, 0.3390, 0.4197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 182, 120) }
```

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

```
.background{ background-color: rgb(156,  
182, 120) }
```

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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