

Converting Colors

$Yxy(39.3299, 0.3328, 0.4086)$

Have a look what the booklet for
Yxy(39.3299, 0.3328, 0.4086)
contains.

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Color

Yxy(39.4788, 0.3325, 0.4087)

Conversions

Conversions Part 1

Format	Color
Hex	97B17C
RGB	151, 177, 124
RGB Percent	59%, 69%, 49%
CMY	0.4080, 0.3058, 0.5137
CMYK	0.15, 0.00, 0.30, 0.31
HSL	89°, 25%, 59%
HSV	89°, 30%, 69%
XYZ	32.1182, 39.4788, 24.9991
YIQ	163.1840, 1.5170, -21.9950

Conversions

Conversions Part 2

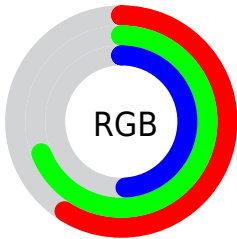
Format	Color
RYB	124, 177, 150
Decimal	9941372
CIELab	69.10, -18.53, 24.25
CIELCh	69, 30.522, 127.387
Yxy	39.4788, 0.3325, 0.4087
Android (android.graphics.Color)	4288131452 (0xFF97B17C)
YUV	163.1840, -19.3177, -10.6854
Hunter-Lab	62.8322, -18.7117, 20.3928

Details

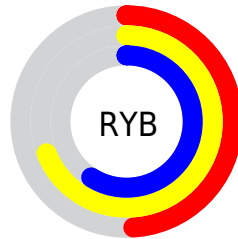
The Yxy color **39.4788, 0.3325, 0.4087** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **24.0823, 0.2871, 0.2493**, and the grayscale version is **36.8081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5740, 0.3295, 0.3929**, and **17.5760, 0.3361, 0.4336** is the 20% darker color. If you saturate the color by 10%, you get **38.2704, 0.3382, 0.4381**, and if you desaturate by 10%, it is **40.8324, 0.3261, 0.3803**.

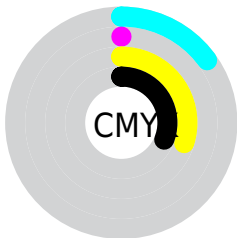
Distribution



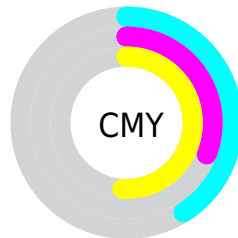
- Red (59%)
- Green (69%)
- Blue (49%)



- Red (49%)
- Yellow (69%)
- Blue (59%)



- Cyan (15%)
- Magenta (0%)
- Yellow (30%)
- Black (31%)





- Cyan (41%)
- Magenta (31%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.4788, 0.3325, 0.4087 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 39.4788, 0.3325, 0.4087 by changing the saturation by 10% instead.

 39.4788, 0.3325,
0.4087


 39.4788, 0.3325,
0.4087


343.9219, 0.3232,
0.3664

 27.1324, 0.3345,
0.4200


 74.3692, 0.3293,
0.3928

 17.6727, 0.3368,
0.4350


 97.6820, 0.3281,
0.3870

 10.7153, 0.3394,
0.4557


 125.4190, 0.3270,
0.3821

 5.8757, 0.3419,
0.4858

157.9647, 0.3261,
0.3780

 2.7696, 0.3451,
0.5373

195.7035, 0.3252,
0.3745

 1.0127, 0.3326,
0.6674

239.0196, 0.3245,

 0.0000, 0.0000,

0.3714

0.0000

288.2976, 0.3238,
0.3688

■ 39.4788, 0.3325,
0.4087

■ 39.4788, 0.3325,
0.4087

■ 38.2704, 0.3382,
0.4381

■ 40.8324, 0.3261,
0.3803

■ 37.1965, 0.3427,
0.4674

■ 42.3314, 0.3194,
0.3536

■ 36.2528, 0.3458,
0.4955


■ 43.9824, 0.3127,
0.3289


■ 35.4325, 0.3469,
0.5209

■ 45.7902, 0.3060,
0.3063


■ 34.7284, 0.3459,
0.5422

■ 47.7591, 0.2996,
0.2860

 34.1318, 0.3427,
0.5583

 49.8936, 0.2936,
0.2677

 33.6265, 0.3380,
0.5698

 52.1976, 0.2878,
0.2514

 33.6237, 0.3380,
0.5698

 53.9721, 0.2896,
0.2463

 55.3697, 0.2963,
0.2479

Harmonies

Analogous

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



39.4788, 0.3734, 0.4057



39.4788, 0.3325, 0.4087



39.4788, 0.2881, 0.3853

Triad

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



39.4788, 0.3325, 0.4087



39.4788, 0.2326, 0.2698



39.4788, 0.3757, 0.3116

Complementary

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



39.4788, 0.3325, 0.4087



24.0823, 0.2871, 0.2493

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.



39.4788, 0.3335, 0.2810



39.4788, 0.3325, 0.4087



39.4788, 0.2521, 0.2569

Square

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



39.4788, 0.3325, 0.4087



39.4788, 0.2325, 0.3003



39.4788, 0.2881, 0.2614



39.4788, 0.4002, 0.3475

Rectangle

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



39.4788, 0.3325, 0.4087



39.4788, 0.2625, 0.3583



39.4788, 0.2881, 0.2614



39.4788, 0.3629, 0.3005

Sweetspot

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



39.4805, 0.3325, 0.4087



76.0258, 0.3189, 0.3516



32.4982, 0.3676, 0.3662



16.3889, 0.3199, 0.3552



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.



39.4805, 0.3325, 0.4087



69.2241, 0.3364, 0.4282



37.2566, 0.3094, 0.4146



9.6954, 0.3190, 0.3520



24.3940, 0.3388, 0.5692



0.8022, 0.3605, 0.5520

Inverse Universe

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



24.0823, 0.2871, 0.2493



37.1412, 0.2798, 0.2297



26.8379, 0.3152, 0.2557



8.4283, 0.3059, 0.3060



3.8035, 0.2021, 0.0887



0.1544, 0.2338, 0.1062

Previews

White Background



This preview shows how the Yxy color 39.4788, 0.3325, 0.4087 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 39.4788, 0.3325, 0.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

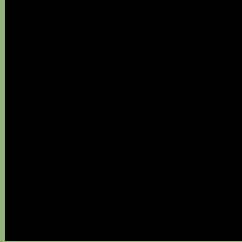
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4788, 0.3325, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 39.4788, 0.3325, 0.4087.



This preview shows how white text looks on a background with the Yxy color 39.4788, 0.3325, 0.4087.

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

39.4788, 0.3325, 0.4087

Protanopia

39.1851, 0.3680, 0.3956

Deuteranopia

39.0278, 0.3818, 0.3738



Tritanopia

39.2684, 0.2934, 0.3094

Trichromacy



Original Color

39.4788, 0.3325, 0.4087

Protanomaly

39.0523, 0.3550, 0.4008

Deuteranomaly

38.9675, 0.3630, 0.3861

Tritanomaly

39.2818, 0.3076, 0.3435

Monochromacy



Original Color

39.4788, 0.3325, 0.4087

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.5461, 0.3207, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4788, 0.3325, 0.4087 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(151, 177, 124)` looks like.

```
.text, #text, p{  
    color:rgb(151, 177, 124)  
}
```

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(151, 177, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 177, 124) }
```

Border

The CSS property to change the border of an element to Yxy 39.4788, 0.3325, 0.4087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

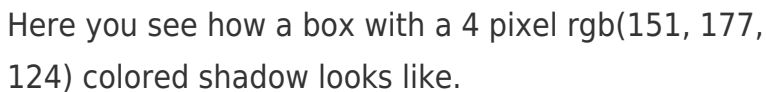
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 177, 124) }
```

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

```
.border{ border-color:rgb(151, 177, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 177, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 177, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 177, 124);  
box-shadow:4px 4px 4px 4px rgb(151, 177,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4788, 0.3325, 0.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 177, 124) }
```

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

```
.background{ background-color: rgb(151,  
177, 124) }
```

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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