

Converting Colors

$Yxy(39.6936, 0.3275, 0.4032)$

Have a look what the booklet for
Yxy(39.6936, 0.3275, 0.4032)
contains.

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Color

Yxy(39.7889, 0.3273, 0.4043)

Conversions

Conversions Part 1

Format	Color
Hex	95B280
RGB	149, 178, 128
RGB Percent	58%, 70%, 50%
CMY	0.4157, 0.3019, 0.4979
CMYK	0.16, 0.00, 0.28, 0.30
HSL	95°, 25%, 60%
HSV	95°, 28%, 70%
XYZ	32.2110, 39.7889, 26.4144
YIQ	163.6290, -1.2340, -21.6980

Conversions

Conversions Part 2

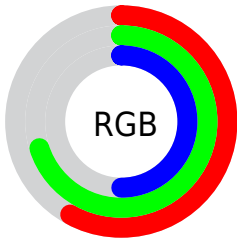
Format	Color
RYB	128, 178, 157
Decimal	9810560
CIELab	69.32, -19.16, 22.37
CIELCh	69, 29.448, 130.579
Yxy	39.7889, 0.3273, 0.4043
Android (android.graphics.Color)	4288000640 (0xFF95B280)
YUV	163.6290, -17.5651, -12.8296
Hunter-Lab	63.0784, -19.2363, 19.3269

Details

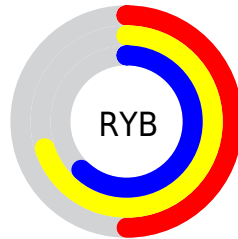
The Yxy color **39.7889, 0.3273, 0.4043** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.8338, 0.2936, 0.2556**, and the grayscale version is **37.0252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0192, 0.3254, 0.3896**, and **17.7587, 0.3301, 0.4298** is the 20% darker color. If you saturate the color by 10%, you get **38.4328, 0.3317, 0.4345**, and if you desaturate by 10%, it is **41.3170, 0.3223, 0.3756**.

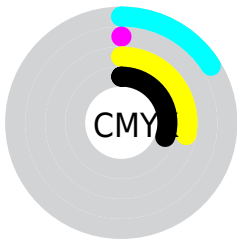
Distribution



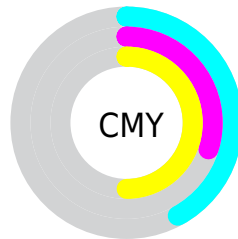
- Red (58%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (62%)



- Cyan (16%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)





- Cyan (42%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.7889, 0.3273, 0.4043 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 39.7889, 0.3273, 0.4043 by changing the saturation by 10% instead.


 39.7889, 0.3273,
0.4043


 39.7889, 0.3273,
0.4043


345.2330, 0.3206,
0.3644


 27.3740, 0.3287,
0.4150


 74.8420, 0.3251,
0.3892

 17.8543, 0.3302,
0.4292


 98.2489, 0.3242,
0.3837

 10.8454, 0.3319,
0.4489


 126.0886, 0.3234,
0.3792

 5.9630, 0.3331,
0.4777

158.7455, 0.3227,
0.3753

 2.8226, 0.3331,
0.5247

196.6040, 0.3221,
0.3720

 1.0398, 0.3303,
0.6697

240.0485, 0.3216,

 0.0000, 0.0000,

0.3691

0.0000

289.4634, 0.3211,
0.3666

■ 39.7889, 0.3273,
0.4043

■ 39.7889, 0.3273,
0.4043

■ 38.4328, 0.3317,
0.4345

■ 41.3170, 0.3223,
0.3756

■ 37.2369, 0.3350,
0.4651

■ 43.0180, 0.3171,
0.3489

■ 36.1960, 0.3371,
0.4950

■ 44.8995, 0.3117,
0.3245

■ 35.3025, 0.3374,
0.5225

■ 46.9669, 0.3064,
0.3025

■ 34.5480, 0.3359,
0.5460

■ 49.2256, 0.3013,
0.2828

■ 33.9229, 0.3324,
0.5642

■ 51.6805, 0.2964,
0.2652

■ 33.4132, 0.3275,
0.5768

■ 54.3365, 0.2919,
0.2497

■ 33.3246, 0.3265,
0.5789

■ 56.1639, 0.2981,
0.2494

■ 57.9415, 0.3061,
0.2513

Harmonies

Analogous

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



39.7889, 0.3676, 0.4043



39.7889, 0.3273, 0.4043



39.7889, 0.2848, 0.3793

Triad

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



39.7889, 0.3273, 0.4043



39.7889, 0.2365, 0.2698



39.7889, 0.3768, 0.3158

Complementary

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



39.7889, 0.3273, 0.4043



25.8338, 0.2936, 0.2556

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.



39.7889, 0.3375, 0.2854



39.7889, 0.3273, 0.4043



39.7889, 0.2573, 0.2591

Square

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



39.7889, 0.3273, 0.4043



39.7889, 0.2344, 0.2977



39.7889, 0.2935, 0.2651



39.7889, 0.3980, 0.3507

Rectangle

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



39.7889, 0.3273, 0.4043



39.7889, 0.2610, 0.3527



39.7889, 0.2935, 0.2651



39.7889, 0.3651, 0.3049

Sweetspot

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



39.7906, 0.3273, 0.4043



77.9849, 0.3171, 0.3490



34.9193, 0.3620, 0.3695



17.1708, 0.3179, 0.3529



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.7906, 0.3273, 0.4043



70.5155, 0.3302, 0.4238



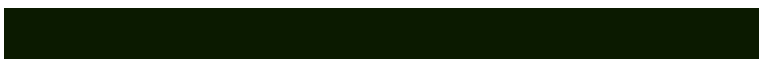
38.0829, 0.3065, 0.4032



9.6584, 0.3177, 0.3521



23.8779, 0.3273, 0.5783



0.7859, 0.3507, 0.5597

Inverse Universe

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



25.8338, 0.2936, 0.2556



40.7987, 0.2880, 0.2372



27.9943, 0.3194, 0.2646



8.4656, 0.3073, 0.3061



4.4157, 0.2203, 0.0987



0.1723, 0.2484, 0.1142

Previews

White Background



This preview shows how the Yxy color 39.7889, 0.3273, 0.4043 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 39.7889, 0.3273, 0.4043 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 39.7889, 0.3273, 0.4043

Background



This preview shows how black text looks on a background with the Yxy color 39.7889, 0.3273, 0.4043.



This preview shows how white text looks on a background with the Yxy color 39.7889, 0.3273, 0.4043.

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

39.7889, 0.3273, 0.4043

Protanopia

39.6549, 0.3640, 0.3914

Deuteranopia

39.4851, 0.3775, 0.3698



Tritanopia

39.8556, 0.2910, 0.3108

Trichromacy



Original Color

39.7889, 0.3273, 0.4043

Protanomaly

39.4207, 0.3502, 0.3965

Deuteranomaly

39.3203, 0.3580, 0.3820

Tritanomaly

39.9210, 0.3042, 0.3434

Monochromacy



Original Color

39.7889, 0.3273, 0.4043

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.9812, 0.3188, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7889, 0.3273, 0.4043 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(149, 178, 128)` looks like.

```
.text, #text, p{  
    color:rgb(149, 178, 128)  
}
```

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(149, 178, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 178, 128) }
```

Border

The CSS property to change the border of an element to Yxy 39.7889, 0.3273, 0.4043 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(149, 178, 128) }
```

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

```
.border{ border-color:rgb(149, 178, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 178, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 178, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 178, 128);  
box-shadow:4px 4px 4px 4px rgb(149, 178,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7889, 0.3273, 0.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 178, 128) }
```

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

```
.background{ background-color: rgb(149,  
178, 128) }
```

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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