

Converting Colors

$Yxy(38.9410, 0.2960, 0.3767)$

Have a look what the booklet for
Yxy(38.9410, 0.2960, 0.3767)
contains.

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Color

Yxy(39.1241, 0.2956, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	82B394
RGB	130, 179, 148
RGB Percent	51%, 70%, 58%
CMY	0.4903, 0.2980, 0.4196
CMYK	0.27, 0.00, 0.17, 0.30
HSL	142°, 24%, 61%
HSV	142°, 27%, 70%
XYZ	30.6685, 39.1241, 33.9574
YIQ	160.8150, -19.2530, -20.0290

Conversions

Conversions Part 2

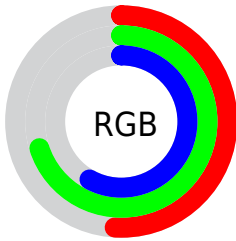
Format	Color
RYB	130, 166, 179
Decimal	8565652
CIELab	68.84, -22.75, 10.65
CIELCh	69, 25.120, 154.920
Yxy	39.1241, 0.2956, 0.3771
Android (android.graphics.Color)	4286755732 (0xFF82B394)
YUV	160.8150, -6.3178, -27.0248
Hunter-Lab	62.5493, -21.9410, 11.5965

Details

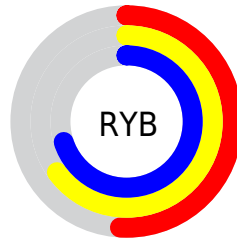
The Yxy color $39.1241, 0.2956, 0.3771$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $28.1140, 0.3350, 0.2854$, and the grayscale version is $35.5851, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.8713, 0.2992, 0.3676$, and $17.4470, 0.2900, 0.3939$ is the 20% darker color. If you saturate the color by 10%, you get $37.4905, 0.2900, 0.3982$, and if you desaturate by 10%, it is $41.0422, 0.3017, 0.3579$.

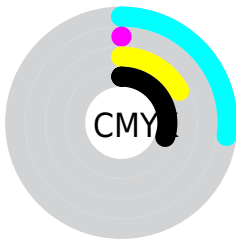
Distribution



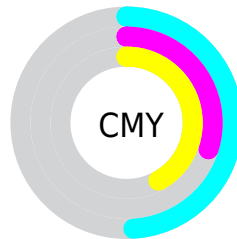
- Red (51%)
- Green (70%)
- Blue (58%)



- Red (51%)
- Yellow (65%)
- Blue (70%)



- Cyan (27%)
- Magenta (0%)
- Yellow (17%)
- Black (30%)





- Cyan (49%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1241, 0.2956, 0.3771 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 39.1241, 0.2956, 0.3771 by changing the saturation by 10% instead.

 39.1241, 0.2956,
0.3771


 39.1241, 0.2956,
0.3771

342.4178, 0.3048,
0.3516


 26.8563, 0.2931,
0.3840


 73.8279, 0.2991,
0.3674

 17.4653, 0.2897,
0.3932


 97.0326, 0.3004,
0.3639

 10.5668, 0.2849,
0.4061


 124.6518, 0.3014,
0.3610

 5.7764, 0.2777,
0.4254

157.0697, 0.3023,
0.3585

 2.7096, 0.2655,
0.4572

194.6710, 0.3031,
0.3564

 0.9821, 0.2234,
0.5852

237.8398, 0.3037,

 0.0000, 0.0000,

0.3546

0.0000

286.9606, 0.3043,
0.3530

■ 39.1241, 0.2956,
0.3771

■ 39.1241, 0.2956,
0.3771

■ 37.4905, 0.2900,
0.3982

■ 41.0422, 0.3017,
0.3579

■ 36.1228, 0.2853,
0.4209

■ 43.2527, 0.3080,
0.3406

■ 35.0077, 0.2816,
0.4448

■ 45.7693, 0.3144,
0.3252

■ 34.1287, 0.2794,
0.4692

■ 48.6032, 0.3207,
0.3116

■ 33.4672, 0.2789,
0.4933

■ 51.7652, 0.3268,
0.2997

■ 33.0019, 0.2801,
0.5160

■ 55.2656, 0.3327,
0.2893

■ 32.7012, 0.2830,
0.5365

■ 59.0616, 0.3380,
0.2802

■ 32.6355, 0.2838,
0.5415

■ 59.7079, 0.3289,
0.2695

■ 60.3960, 0.3201,
0.2592

Harmonies

Analogous

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



39.1241, 0.3326, 0.3947



39.1241, 0.2956, 0.3771



39.1241, 0.2644, 0.3441

Triad

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



39.1241, 0.2956, 0.3771



39.1241, 0.2603, 0.2691



39.1241, 0.3839, 0.3426

Complementary

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



39.1241, 0.2956, 0.3771



28.1140, 0.3350, 0.2854

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.



39.1241, 0.3622, 0.3124



39.1241, 0.2956, 0.3771



39.1241, 0.2897, 0.2715

Square

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



39.1241, 0.2956, 0.3771



39.1241, 0.2450, 0.2817



39.1241, 0.3270, 0.2871



39.1241, 0.3849, 0.3715

Rectangle

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



39.1241, 0.2956, 0.3771



39.1241, 0.2507, 0.3199



39.1241, 0.3270, 0.2871



39.1241, 0.3787, 0.3324

Sweetspot

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



39.1257, 0.2956, 0.3771



77.1444, 0.3075, 0.3418



41.4346, 0.3366, 0.4001



16.9538, 0.3066, 0.3443



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.



39.1257, 0.2956, 0.3771



68.2029, 0.2921, 0.3899



39.9838, 0.2780, 0.3387



9.5401, 0.3068, 0.3437



23.0709, 0.2831, 0.5393



0.7374, 0.2666, 0.4796

Inverse Universe

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



28.1140, 0.3350, 0.2854



45.1184, 0.3415, 0.2753



27.3341, 0.3631, 0.3197



8.5926, 0.3192, 0.3147



7.6299, 0.4389, 0.2192



0.2508, 0.3982, 0.1967

Previews

White Background



This preview shows how the Yxy color 39.1241, 0.2956, 0.3771 looks on a white background.

Color Contrast Check

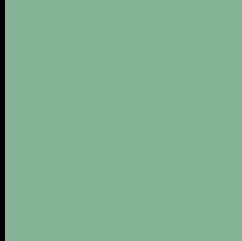
Large Text (above 18pt) WCAG AA × Fail

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 39.1241, 0.2956, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

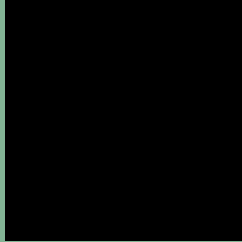
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1241, 0.2956, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 39.1241, 0.2956, 0.3771.



This preview shows how white text looks on a background with the Yxy color 39.1241, 0.2956, 0.3771.

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

39.1241, 0.2956, 0.3771

Protanopia

38.8205, 0.3435, 0.3642

Deuteranopia

38.5756, 0.3485, 0.3412



Tritanopia

39.2632, 0.2732, 0.3101

Trichromacy



Original Color

39.1241, 0.2956, 0.3771

Protanomaly

38.5104, 0.3245, 0.3687

Deuteranomaly

38.5645, 0.3274, 0.3533

Tritanomaly

39.2187, 0.2810, 0.3334

Monochromacy



Original Color

39.1241, 0.2956, 0.3771

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.8896, 0.3064, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1241, 0.2956, 0.3771 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(130, 179, 148)` looks like.

```
.text, #text, p{  
    color:rgb(130, 179, 148)  
}
```

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(130, 179, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 179, 148) }
```

Border

The CSS property to change the border of an element to Yxy 39.1241, 0.2956, 0.3771 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(130, 179, 148) }
```

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

```
.border{ border-color:rgb(130, 179, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 179, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 179, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 179, 148);  
box-shadow:4px 4px 4px 4px rgb(130, 179,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1241, 0.2956, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 179, 148) }
```

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

```
.background{ background-color: rgb(130,  
179, 148) }
```

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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