

Converting Colors

$Yxy(49.6321, 0.2907, 0.3401)$

Have a look what the booklet for
Yxy(49.6321, 0.2907, 0.3401)
contains.

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Color

Yxy(49.3978, 0.2906, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	9EC2BA
RGB	158, 194, 186
RGB Percent	62%, 76%, 73%
CMY	0.3803, 0.2392, 0.2706
CMYK	0.19, 0.00, 0.04, 0.24
HSL	167°, 23%, 69%
HSV	167°, 19%, 76%
XYZ	42.2579, 49.3978, 53.7603
YIQ	182.3240, -18.8880, -10.1200

Conversions

Conversions Part 2

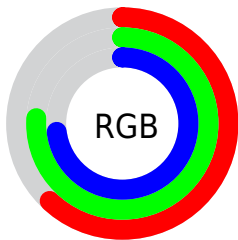
Format	Color
RYB	158, 178, 194
Decimal	10404538
CIELab	75.70, -13.63, 0.03
CIELCh	76, 13.635, 179.895
Yxy	49.3978, 0.2906, 0.3397
Android (android.graphics.Color)	4288594618 (0xFF9EC2BA)
YUV	182.3240, 1.8123, -21.3321
Hunter-Lab	70.2836, -15.6734, 3.8473

Details

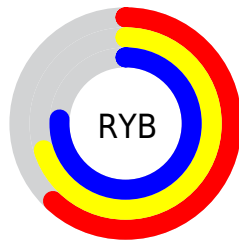
The Yxy color **49.3978, 0.2906, 0.3397** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.6844, 0.3407, 0.3186**, and the grayscale version is **46.9654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5513, 0.2945, 0.3383**, and **23.5138, 0.2844, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **47.4043, 0.2797, 0.3462**, and if you desaturate by 10%, it is **51.7115, 0.3023, 0.3337**.

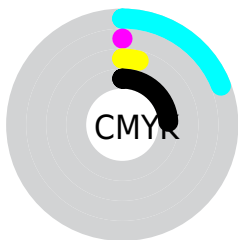
Distribution



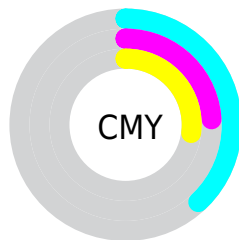
- Red (62%)
- Green (76%)
- Blue (73%)



- Red (62%)
- Yellow (70%)
- Blue (76%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)





- Cyan (38%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3978, 0.2906, 0.3397 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 49.3978, 0.2906, 0.3397 by changing the saturation by 10% instead.


 49.3978, 0.2906,
0.3397

 49.3978, 0.2906,
0.3397


384.3063, 0.3015,
0.3344

 34.9351, 0.2879,
0.3410


 89.2820, 0.2946,
0.3378

 23.6129, 0.2845,
0.3427


 115.4723, 0.2960,
0.3371

 15.0467, 0.2799,
0.3449


146.3406, 0.2973,
0.3365

 8.8522, 0.2736,
0.3479

182.2714, 0.2984,
0.3359

 4.6449, 0.2643,
0.3524

223.6489, 0.2993,
0.3355

 2.0405, 0.2494,
0.3596

270.8576, 0.3002,

 0.6308, 0.1685,

0.3351

0.3986

324.2820, 0.3009,
0.3347

0.0000, 0.0000,
0.0000

49.3978, 0.2906,
0.3397

49.3978, 0.2906,
0.3397

47.4043, 0.2797,
0.3462

51.7115, 0.3023,
0.3337

45.7102, 0.2698,
0.3533

54.3530, 0.3145,
0.3282

44.3019, 0.2612,
0.3608

57.3369, 0.3270,
0.3233

43.1622, 0.2542,
0.3686

60.6756, 0.3395,
0.3190

42.2720, 0.2491,
0.3766

64.3764, 0.3518,
0.3151

■ 41.6098, 0.2459,
0.3848

■ 64.5911, 0.3483,
0.3108

■ 41.1500, 0.2446,
0.3930

■ 64.8116, 0.3449,
0.3064

■ 40.8518, 0.2450,
0.4011

■ 65.0380, 0.3415,
0.3021

■ 40.8132, 0.2451,
0.4022

■ 65.2703, 0.3381,
0.2978

Harmonies

Analogous

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



49.3978, 0.3076, 0.3544



49.3978, 0.2906, 0.3397



49.3978, 0.2796, 0.3223

Triad

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



49.3978, 0.2906, 0.3397



49.3978, 0.2984, 0.2983



49.3978, 0.3495, 0.3492

Complementary

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



49.3978, 0.2906, 0.3397



38.6844, 0.3407, 0.3186

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.



49.3978, 0.3470, 0.3341



49.3978, 0.2906, 0.3397



49.3978, 0.3170, 0.3054

Square

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



49.3978, 0.2906, 0.3397



49.3978, 0.2840, 0.2989



49.3978, 0.3349, 0.3183



49.3978, 0.3418, 0.3595

Rectangle

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



49.3978, 0.2906, 0.3397



49.3978, 0.2770, 0.3118



49.3978, 0.3349, 0.3183



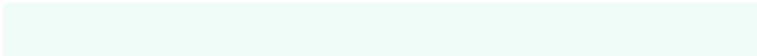
49.3978, 0.3498, 0.3445

Sweetspot

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



49.3998, 0.2906, 0.3397



94.8052, 0.3053, 0.3323



49.2049, 0.3171, 0.3780



20.6940, 0.3045, 0.3327



0.0000, 0.0000, 0.0000



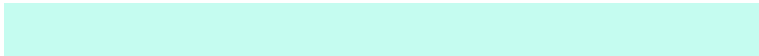
21.4041, 0.3127, 0.3290

Same Dimension

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



49.3998, 0.2906, 0.3397



88.0592, 0.2863, 0.3421



45.6160, 0.2845, 0.3160



11.3889, 0.3013, 0.3342



26.8463, 0.2448, 0.4012



1.1696, 0.2398, 0.3831

Inverse Universe

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



38.6844, 0.3407, 0.3186



65.2881, 0.3479, 0.3163



41.8022, 0.3462, 0.3417



10.1138, 0.3255, 0.3239



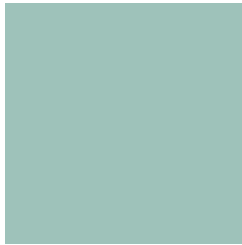
7.6665, 0.5989, 0.3073



0.3420, 0.5351, 0.2721

Previews

White Background



This preview shows how the Yxy color 49.3978, 0.2906, 0.3397 looks on a white background.

Color Contrast Check

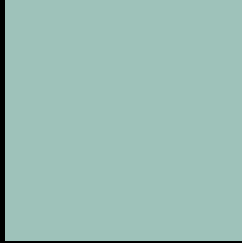
Large Text (above 18pt) WCAG AA × Fail

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 49.3978, 0.2906, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

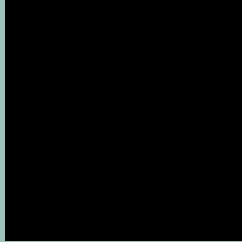
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

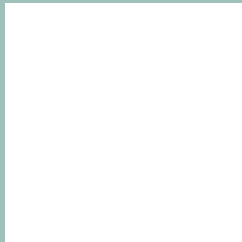
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.3978, 0.2906, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 49.3978, 0.2906, 0.3397.



This preview shows how white text looks on a background with the Yxy color 49.3978, 0.2906, 0.3397.

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

49.3978, 0.2906, 0.3397

Protanopia

49.1105, 0.3209, 0.3341

Deuteranopia

49.0131, 0.3253, 0.3180



Tritanopia

49.3992, 0.2798, 0.3094

Trichromacy



Original Color

49.3978, 0.2906, 0.3397

Protanomaly

48.9690, 0.3091, 0.3355

Deuteranomaly

48.8936, 0.3121, 0.3252

Tritanomaly

49.3999, 0.2838, 0.3197

Monochromacy



Original Color

49.3978, 0.2906, 0.3397

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.4209, 0.3043, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3978, 0.2906, 0.3397 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(158, 194, 186)` looks like.

```
.text, #text, p{  
    color:rgb(158, 194, 186)  
}
```

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(158, 194, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 194, 186) }
```

Border

The CSS property to change the border of an element to Yxy 49.3978, 0.2906, 0.3397 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(158, 194, 186) }
```

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

```
.border{ border-color:rgb(158, 194, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 194, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 194, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 194, 186);  
box-shadow:4px 4px 4px 4px rgb(158, 194,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3978, 0.2906, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 194, 186) }
```

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

```
.background{ background-color: rgb(158,  
194, 186) }
```

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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