

Converting Colors

$Yxy(50.4718, 0.2884, 0.3394)$

Have a look what the booklet for
Yxy(50.4718, 0.2884, 0.3394)
contains.

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Color

Yxy(50.3221, 0.2879, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	9DC4BD
RGB	157, 196, 189
RGB Percent	62%, 77%, 74%
CMY	0.3844, 0.2313, 0.2588
CMYK	0.20, 0.00, 0.04, 0.23
HSL	169°, 25%, 69%
HSV	169°, 20%, 77%
XYZ	42.8251, 50.3221, 55.6027
YIQ	183.5410, -20.9970, -10.4450

Conversions

Conversions Part 2

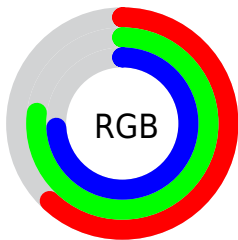
Format	Color
RYB	157, 178, 196
Decimal	10339517
CIELab	76.27, -14.38, -0.78
CIELCh	76, 14.406, 183.106
Yxy	50.3221, 0.2879, 0.3383
Android (android.graphics.Color)	4288529597 (0xFF9DC4BD)
YUV	183.5410, 2.6913, -23.2765
Hunter-Lab	70.9381, -16.3817, 3.1839

Details

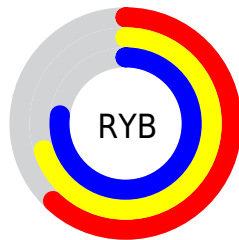
The Yxy color **50.3221, 0.2879, 0.3383** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.5192, 0.3449, 0.3199**, and the grayscale version is **47.6579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8402, 0.2924, 0.3372**, and **24.1268, 0.2810, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **48.3578, 0.2766, 0.3436**, and if you desaturate by 10%, it is **52.6105, 0.3001, 0.3334**.

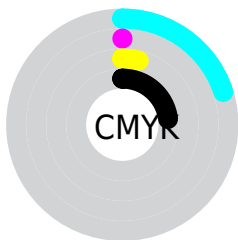
Distribution



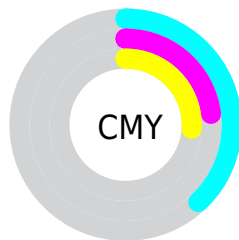
- Red (62%)
- Green (77%)
- Blue (74%)



- Red (62%)
- Yellow (70%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)





- Cyan (38%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3221, 0.2879, 0.3383 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 50.3221, 0.2879, 0.3383 by changing the saturation by 10% instead.


 50.3221, 0.2879,
0.3383

 50.3221, 0.2879,
0.3383

387.9242, 0.3001,
0.3338

 35.6694, 0.2849,
0.3394


 90.6519, 0.2923,
0.3367

 24.1790, 0.2811,
0.3408


 117.0978, 0.2940,
0.3361

 15.4664, 0.2761,
0.3426


148.2436, 0.2954,
0.3355

 9.1474, 0.2692,
0.3452

184.4737, 0.2966,
0.3351

 4.8374, 0.2590,
0.3488

226.1723, 0.2976,
0.3347

 2.1522, 0.2429,
0.3546

273.7241, 0.2986,

 0.6937, 0.1701,

0.3343

0.3829

327.5132, 0.2994,
0.3340

0.0000, 0.0000,
0.0000

50.3221, 0.2879,
0.3383

50.3221, 0.2879,
0.3383

48.3578, 0.2766,
0.3436

52.6105, 0.3001,
0.3334

46.6964, 0.2664,
0.3493

55.2308, 0.3128,
0.3290

45.3235, 0.2577,
0.3553

58.1984, 0.3259,
0.3250

44.2213, 0.2507,
0.3615

61.5258, 0.3391,
0.3214

43.3701, 0.2454,
0.3679

65.2248, 0.3522,
0.3182

■ 42.7471, 0.2422,
0.3743

■ 65.4036, 0.3494,
0.3146

■ 42.3257, 0.2408,
0.3808

■ 65.5810, 0.3466,
0.3111

■ 42.0548, 0.2409,
0.3872

■ 65.7622, 0.3438,
0.3075

■ 42.0528, 0.2409,
0.3872

■ 65.9473, 0.3411,
0.3040

Harmonies

Analogous

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



50.3221, 0.3052, 0.3544



50.3221, 0.2879, 0.3383



50.3221, 0.2773, 0.3200

Triad

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



50.3221, 0.2879, 0.3383



50.3221, 0.2997, 0.2973



50.3221, 0.3509, 0.3517

Complementary

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



50.3221, 0.2879, 0.3383



38.5192, 0.3449, 0.3199

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.



50.3221, 0.3495, 0.3362



50.3221, 0.2879, 0.3383



50.3221, 0.3194, 0.3055

Square

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



50.3221, 0.2879, 0.3383



50.3221, 0.2839, 0.2969



50.3221, 0.3378, 0.3195



50.3221, 0.3418, 0.3618

Rectangle

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



50.3221, 0.2879, 0.3383



50.3221, 0.2752, 0.3093



50.3221, 0.3378, 0.3195



50.3221, 0.3517, 0.3469

Sweetspot

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



50.3242, 0.2879, 0.3383



97.0372, 0.3049, 0.3317



49.8240, 0.3159, 0.3823



20.7039, 0.3040, 0.3320



0.0000, 0.0000, 0.0000



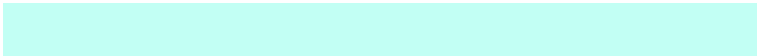
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3242, 0.2879, 0.3383



89.4957, 0.2827, 0.3406



45.2854, 0.2822, 0.3122



11.3964, 0.3008, 0.3332



27.0288, 0.2407, 0.3863



1.1761, 0.2367, 0.3721

Inverse Universe

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



38.5192, 0.3449, 0.3199



64.1518, 0.3541, 0.3178



42.6696, 0.3487, 0.3452



10.1067, 0.3261, 0.3249



7.6286, 0.6106, 0.3137



0.3388, 0.5517, 0.2813

Previews

White Background



This preview shows how the Yxy color 50.3221, 0.2879, 0.3383 looks on a white background.

Color Contrast Check

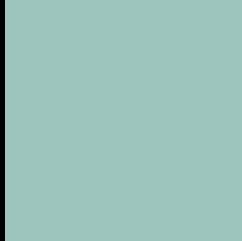
Large Text (above 18pt) WCAG AA × Fail

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 50.3221, 0.2879, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

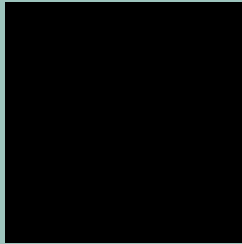
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

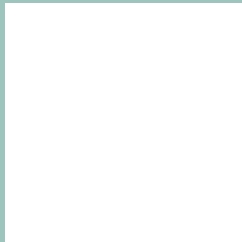
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3221, 0.2879, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 50.3221, 0.2879, 0.3383.



This preview shows how white text looks on a background with the Yxy color 50.3221, 0.2879, 0.3383.

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

50.3221, 0.2879, 0.3383

Protanopia

50.2078, 0.3192, 0.3328

Deuteranopia

50.0990, 0.3235, 0.3169



Tritanopia

50.2711, 0.2780, 0.3095

Trichromacy



Original Color

50.3221, 0.2879, 0.3383

Protanomaly

49.9558, 0.3068, 0.3341

Deuteranomaly

49.8670, 0.3097, 0.3239

Tritanomaly

50.2742, 0.2820, 0.3197

Monochromacy



Original Color

50.3221, 0.2879, 0.3383

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.5103, 0.3028, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3221, 0.2879, 0.3383 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(157, 196, 189)` looks like.

```
.text, #text, p{  
    color:rgb(157, 196, 189)  
}
```

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(157, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 196, 189) }
```

Border

The CSS property to change the border of an element to Yxy 50.3221, 0.2879, 0.3383 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(157, 196, 189) }
```

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

```
.border{ border-color:rgb(157, 196, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 196, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 196, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 196, 189);  
box-shadow:4px 4px 4px 4px rgb(157, 196,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3221, 0.2879, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 196, 189) }
```

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

```
.background{ background-color: rgb(157,  
196, 189) }
```

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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