

Converting Colors

$Yxy(47.9386, 0.2839, 0.3399)$

Have a look what the booklet for
Yxy(47.9386, 0.2839, 0.3399)
contains.

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Color

Yxy(47.9386, 0.2839, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	94C1B9
RGB	148, 193, 185
RGB Percent	58%, 76%, 73%
CMY	0.4196, 0.2431, 0.2744
CMYK	0.23, 0.00, 0.04, 0.24
HSL	169°, 27%, 67%
HSV	169°, 23%, 76%
XYZ	40.0405, 47.9386, 53.0583
YIQ	178.6330, -24.2520, -12.0280

Conversions

Conversions Part 2

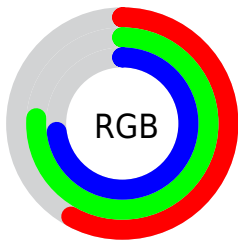
Format	Color
RYB	148, 173, 193
Decimal	9748921
CIELab	74.79, -16.50, -0.86
CIELCh	75, 16.521, 182.971
Yxy	47.9386, 0.2839, 0.3399
Android (android.graphics.Color)	4287939001 (0xFF94C1B9)
YUV	178.6330, 3.1389, -26.8651
Hunter-Lab	69.2377, -17.9386, 3.0313

Details

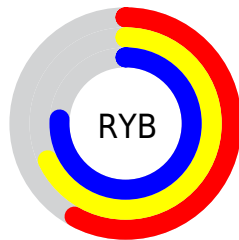
The Yxy color $47.9386, 0.2839, 0.3399$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $34.9134, 0.3519, 0.3185$, and the grayscale version is $44.8673, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.4186, 0.2892, 0.3385$, and $22.6180, 0.2758, 0.3423$ is the 20% darker color. If you saturate the color by 10%, you get $46.1458, 0.2729, 0.3453$, and if you desaturate by 10%, it is $50.0389, 0.2958, 0.3349$.

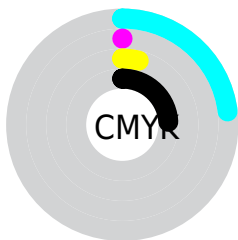
Distribution



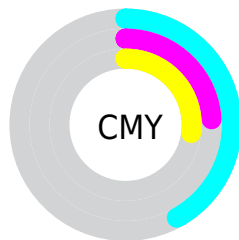
- Red (58%)
- Green (76%)
- Blue (73%)



- Red (58%)
- Yellow (68%)
- Blue (76%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)




- Cyan (42%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9386, 0.2839, 0.3399 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 47.9386, 0.2839, 0.3399 by changing the saturation by 10% instead.


 47.9386, 0.2839,
0.3399


 47.9386, 0.2839,
0.3399


378.5487, 0.2982,
0.3345

 33.7783, 0.2804,
0.3412


 87.1130, 0.2891,
0.3380

 22.7233, 0.2758,
0.3429


 112.8958, 0.2910,
0.3372

 14.3893, 0.2699,
0.3451


143.3216, 0.2927,
0.3366

 8.3919, 0.2616,
0.3481

178.7747, 0.2941,
0.3361

 4.3468, 0.2493,
0.3526

219.6396, 0.2953,
0.3356

 1.8694, 0.2295,
0.3596

266.3007, 0.2964,

 0.5299, 0.0796,

0.3352

0.4180

319.1422, 0.2973,
0.3349

0.0000, 0.0000,
0.0000

47.9386, 0.2839,
0.3399

47.9386, 0.2839,
0.3399

46.1458, 0.2729,
0.3453

50.0389, 0.2958,
0.3349

44.6397, 0.2632,
0.3510

52.4546, 0.3084,
0.3304

43.4060, 0.2550,
0.3569


55.2008, 0.3214,
0.3263


42.4271, 0.2486,
0.3631


58.2896, 0.3346,
0.3226

41.6830, 0.2440,
0.3695


61.7327, 0.3478,
0.3194


 41.1509, 0.2413,
0.3758


 63.8355, 0.3536,
0.3162

 40.8031, 0.2405,
0.3822

 64.0029, 0.3509,
0.3127

 40.6386, 0.2407,
0.3864

 64.1741, 0.3481,
0.3092

 64.3488, 0.3454,
0.3058

Harmonies

Analogous

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



47.9386, 0.3040, 0.3588



47.9386, 0.2839, 0.3399



47.9386, 0.2716, 0.3184

Triad

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



47.9386, 0.2839, 0.3399



47.9386, 0.2973, 0.2922



47.9386, 0.3573, 0.3551

Complementary

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



47.9386, 0.2839, 0.3399



34.9134, 0.3519, 0.3185

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.



47.9386, 0.3556, 0.3371



47.9386, 0.2839, 0.3399



47.9386, 0.3203, 0.3017

Square

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



47.9386, 0.2839, 0.3399



47.9386, 0.2791, 0.2918



47.9386, 0.3419, 0.3178



47.9386, 0.3467, 0.3671

Rectangle

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



47.9386, 0.2839, 0.3399



47.9386, 0.2692, 0.3060



47.9386, 0.3419, 0.3178



47.9386, 0.3582, 0.3495

Sweetspot

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



47.9406, 0.2839, 0.3399



92.2363, 0.3036, 0.3321



47.3714, 0.3163, 0.3925



19.7309, 0.3028, 0.3324



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



47.9406, 0.2839, 0.3399



84.1479, 0.2782, 0.3426



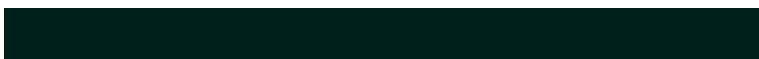
42.2851, 0.2771, 0.3091



11.3969, 0.3007, 0.3331



27.0389, 0.2404, 0.3855



1.1765, 0.2365, 0.3715

Inverse Universe

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



34.9134, 0.3519, 0.3185



56.7390, 0.3634, 0.3160



39.4024, 0.3560, 0.3481



10.1064, 0.3262, 0.3249



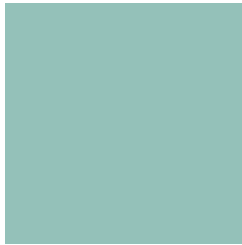
7.6268, 0.6111, 0.3140



0.3387, 0.5526, 0.2818

Previews

White Background



This preview shows how the Yxy color 47.9386, 0.2839, 0.3399 looks on a white background.

Color Contrast Check

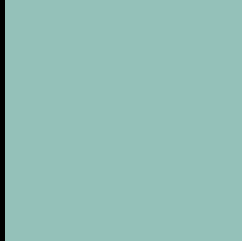
Large Text (above 18pt) WCAG AA × Fail

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 47.9386, 0.2839, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

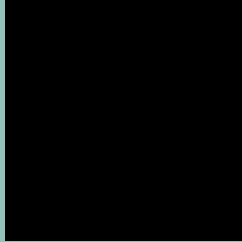
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

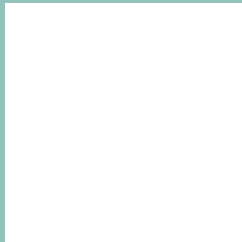
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9386, 0.2839, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 47.9386, 0.2839, 0.3399.



This preview shows how white text looks on a background with the Yxy color 47.9386, 0.2839, 0.3399.

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

47.9386, 0.2839, 0.3399

Protanopia

47.8130, 0.3202, 0.3342

Deuteranopia

47.6137, 0.3229, 0.3166



Tritanopia

47.9101, 0.2733, 0.3090

Trichromacy



Original Color

47.9386, 0.2839, 0.3399

Protanomaly

47.7611, 0.3058, 0.3369

Deuteranomaly

47.1581, 0.3071, 0.3238

Tritanomaly

47.9181, 0.2773, 0.3195

Monochromacy



Original Color

47.9386, 0.2839, 0.3399

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.9420, 0.3017, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9386, 0.2839, 0.3399 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(148, 193, 185)` looks like.

```
.text, #text, p{  
    color:rgb(148, 193, 185)  
}
```

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(148, 193, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 193, 185) }
```

Border

The CSS property to change the border of an element to Yxy 47.9386, 0.2839, 0.3399 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(148, 193, 185) }
```

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

```
.border{ border-color:rgb(148, 193, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 193, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 193, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 193, 185);  
box-shadow:4px 4px 4px 4px rgb(148, 193,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9386, 0.2839, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 193, 185) }
```

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

```
.background{ background-color: rgb(148,  
193, 185) }
```

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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