

Converting Colors

$Yxy(49.4644, 0.2836, 0.3413)$

Have a look what the booklet for
Yxy(49.4644, 0.2836, 0.3413)
contains.

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Color

Yxy(49.4573, 0.2836, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	95C4BB
RGB	149, 196, 187
RGB Percent	58%, 77%, 73%
CMY	0.4155, 0.2314, 0.2667
CMYK	0.24, 0.00, 0.05, 0.23
HSL	168°, 28%, 68%
HSV	168°, 24%, 77%
XYZ	41.1081, 49.4573, 54.3856
YIQ	180.9210, -25.1230, -12.7630

Conversions

Conversions Part 2

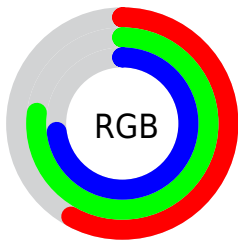
Format	Color
RYB	149, 175, 196
Decimal	9815227
CIELab	75.73, -17.29, -0.52
CIELCh	76, 17.294, 181.730
Yxy	49.4573, 0.2836, 0.3412
Android (android.graphics.Color)	4288005307 (0xFF95C4BB)
YUV	180.9210, 2.9969, -27.9947
Hunter-Lab	70.3259, -18.7303, 3.3769

Details

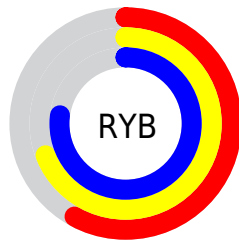
The Yxy color **49.4573, 0.2836, 0.3412** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.7136, 0.3526, 0.3172**, and the grayscale version is **46.1618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5590, 0.2888, 0.3395**, and **23.6086, 0.2755, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **47.6087, 0.2729, 0.3471**, and if you desaturate by 10%, it is **51.6244, 0.2953, 0.3358**.

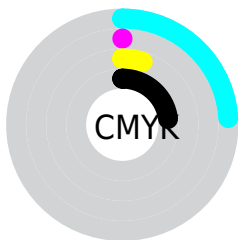
Distribution



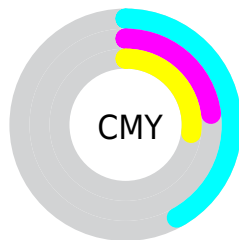
- Red (58%)
- Green (77%)
- Blue (73%)



- Red (58%)
- Yellow (69%)
- Blue (77%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (42%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4573, 0.2836, 0.3412 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 49.4573, 0.2836, 0.3412 by changing the saturation by 10% instead.

 49.4573, 0.2836,
0.3412

 49.4573, 0.2836,
0.3412


384.5398, 0.2980,
0.3352

 34.9824, 0.2801,
0.3427


 89.3703, 0.2888,
0.3390

 23.6493, 0.2756,
0.3445

 115.5771, 0.2907,
0.3382

 15.0737, 0.2696,
0.3470


146.4634, 0.2924,
0.3375

 8.8711, 0.2614,
0.3504

182.4134, 0.2938,
0.3369

 4.6572, 0.2494,
0.3553

223.8117, 0.2951,
0.3364

 2.0476, 0.2301,
0.3631

271.0426, 0.2962,

 0.6349, 0.1175,

0.3360

0.4112

324.4905, 0.2971,
0.3356

0.0000, 0.0000,
0.0000

49.4573, 0.2836,
0.3412

49.4573, 0.2836,
0.3412

47.6087, 0.2729,
0.3471

51.6244, 0.2953,
0.3358

46.0570, 0.2634,
0.3533

54.1185, 0.3077,
0.3308

44.7874, 0.2554,
0.3598

56.9550, 0.3205,
0.3264

43.7811, 0.2491,
0.3666

60.1468, 0.3335,
0.3223

43.0175, 0.2448,
0.3735

63.7060, 0.3464,
0.3188

■ 42.4725, 0.2424,
0.3805

■ 65.3694, 0.3498,
0.3152

■ 42.1170, 0.2418,
0.3874

■ 65.5585, 0.3468,
0.3114

■ 41.9607, 0.2421,
0.3916

■ 65.7521, 0.3439,
0.3076

■ 65.9501, 0.3409,
0.3038

Harmonies

Analogous

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



49.4573, 0.3046, 0.3606



49.4573, 0.2836, 0.3412



49.4573, 0.2705, 0.3189

Triad

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



49.4573, 0.2836, 0.3412



49.4573, 0.2959, 0.2908



49.4573, 0.3591, 0.3553

Complementary

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



49.4573, 0.2836, 0.3412



35.7136, 0.3526, 0.3172

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.



49.4573, 0.3568, 0.3365



49.4573, 0.2836, 0.3412



49.4573, 0.3196, 0.3002

Square

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



49.4573, 0.2836, 0.3412



49.4573, 0.2774, 0.2907



49.4573, 0.3421, 0.3166



49.4573, 0.3486, 0.3682

Rectangle

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



49.4573, 0.2836, 0.3412



49.4573, 0.2677, 0.3059



49.4573, 0.3421, 0.3166



49.4573, 0.3599, 0.3495

Sweetspot

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



49.4593, 0.2836, 0.3412



96.5517, 0.3037, 0.3323



48.9628, 0.3170, 0.3944



20.6055, 0.3030, 0.3326



0.0000, 0.0000, 0.0000



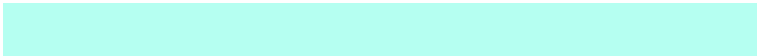
21.4041, 0.3127, 0.3290

Same Dimension

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



49.4593, 0.2836, 0.3412



87.6894, 0.2776, 0.3444



43.7980, 0.2762, 0.3095



11.3942, 0.3009, 0.3335



26.9746, 0.2418, 0.3906



1.1742, 0.2376, 0.3752

Inverse Universe

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



35.7136, 0.3526, 0.3172



58.2790, 0.3649, 0.3144



40.1464, 0.3577, 0.3476



10.1088, 0.3259, 0.3246



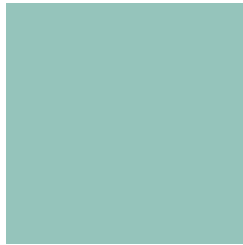
7.6388, 0.6074, 0.3120



0.3398, 0.5467, 0.2786

Previews

White Background



This preview shows how the Yxy color 49.4573, 0.2836, 0.3412 looks on a white background.

Color Contrast Check

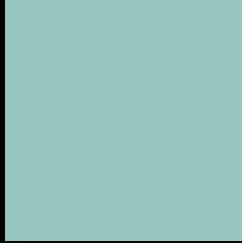
Large Text (above 18pt) WCAG AA × Fail

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 49.4573, 0.2836, 0.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

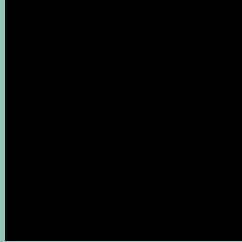
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

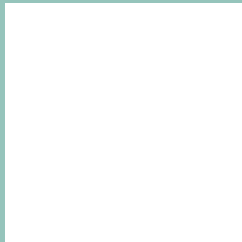
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.4573, 0.2836, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 49.4573, 0.2836, 0.3412.



This preview shows how white text looks on a background with the Yxy color 49.4573, 0.2836, 0.3412.

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

49.4573, 0.2836, 0.3412

Protanopia

49.1105, 0.3209, 0.3341

Deuteranopia

48.9168, 0.3236, 0.3168



Tritanopia

49.4663, 0.2725, 0.3092

Trichromacy



Original Color

49.4573, 0.2836, 0.3412

Protanomaly

49.0442, 0.3066, 0.3368

Deuteranomaly

48.8592, 0.3079, 0.3251

Tritanomaly

49.4291, 0.2770, 0.3209

Monochromacy



Original Color

49.4573, 0.2836, 0.3412

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.9717, 0.3010, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4573, 0.2836, 0.3412 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, 196, 187)` looks like.

```
.text, #text, p{  
    color:rgb(149, 196, 187)  
}
```

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, 196, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 196, 187) }
```

Border

The CSS property to change the border of an element to Yxy 49.4573, 0.2836, 0.3412 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, 196, 187) }
```

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

```
.border{ border-color:rgb(149, 196, 187) }
```

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

Here you see how a box with a 4 pixel rgb(149, 196, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 196, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 196, 187);  
box-shadow:4px 4px 4px 4px rgb(149, 196,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4573, 0.2836, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 196, 187) }
```

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

```
.background{ background-color: rgb(149,  
196, 187) }
```

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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