

Converting Colors

$Y_{xy}(49.0526, 0.2870, 0.3482)$

Have a look what the booklet for
Yxy(49.0526, 0.2870, 0.3482)
contains.

Yxy(49.2468, 0.2869, 0.3482)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.2468, 0.2869, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	95C4B6
RGB	149, 196, 182
RGB Percent	58%, 77%, 71%
CMY	0.4156, 0.2314, 0.2864
CMYK	0.24, 0.00, 0.07, 0.23
HSL	162°, 28%, 68%
HSV	162°, 24%, 77%
XYZ	40.5770, 49.2468, 51.6087
YIQ	180.3510, -23.5180, -14.3180

Conversions

Conversions Part 2

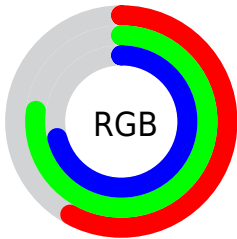
Format	Color
RYB	149, 177, 196
Decimal	9815222
CIELab	75.60, -18.36, 2.00
CIElCh	76, 18.469, 173.779
Yxy	49.2468, 0.2869, 0.3482
Android (android.graphics.Color)	4288005302 (0xFF95C4B6)
YUV	180.3510, 0.8130, -27.4948
Hunter-Lab	70.1761, -19.5964, 5.5203

Details

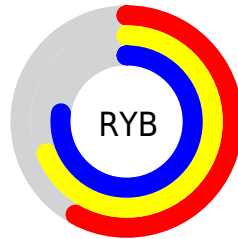
The Yxy color **49.2468, 0.2869, 0.3482** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.8807, 0.3475, 0.3107**, and the grayscale version is **45.8465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2610, 0.2915, 0.3448**, and **23.4724, 0.2798, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **47.3207, 0.2773, 0.3575**, and if you desaturate by 10%, it is **51.4973, 0.2973, 0.3396**.

Distribution



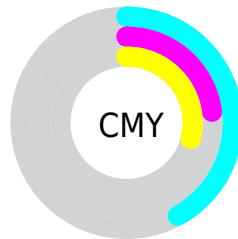
- Red (58%)
- Green (77%)
- Blue (71%)



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



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)





- Cyan (42%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.2468, 0.2869, 0.3482 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 49.2468, 0.2869, 0.3482 by changing the saturation by 10% instead.


 49.2468, 0.2869,
0.3482


 49.2468, 0.2869,
0.3482

383.7131, 0.2997,
0.3386

 34.8153, 0.2837,
0.3506


 89.0579, 0.2915,
0.3447

 23.5206, 0.2797,
0.3537


 115.2063, 0.2933,
0.3434

 14.9784, 0.2743,
0.3578


146.0291, 0.2948,
0.3423

 8.8042, 0.2668,
0.3635

181.9107, 0.2960,
0.3414

 4.6137, 0.2558,
0.3721

223.2355, 0.2971,
0.3405

 2.0224, 0.2378,
0.3863

270.3879, 0.2981,

 0.6205, 0.1091,

0.3398

0.4781

323.7523, 0.2990,
0.3392

0.0000, 0.0000,
0.0000

49.2468, 0.2869,
0.3482

49.2468, 0.2869,
0.3482

47.3207, 0.2773,
0.3575

51.4973, 0.2973,
0.3396

45.6973, 0.2688,
0.3675

54.0808, 0.3083,
0.3319

44.3616, 0.2618,
0.3780

57.0128, 0.3195,
0.3249

43.2950, 0.2564,
0.3890

60.3062, 0.3308,
0.3186

42.4765, 0.2529,
0.4003

63.9733, 0.3421,
0.3131

■ 41.8819, 0.2514,
0.4117

■ 65.7559, 0.3439,
0.3076

■ 41.4821, 0.2518,
0.4229

■ 66.0660, 0.3393,
0.3017

■ 41.3020, 0.2527,
0.4296

■ 66.3870, 0.3348,
0.2960

■ 66.7191, 0.3303,
0.2903

Harmonies

Analogous

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



49.2468, 0.3108, 0.3669



49.2468, 0.2869, 0.3482



49.2468, 0.2703, 0.3243

Triad

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



49.2468, 0.2869, 0.3482



49.2468, 0.2887, 0.2872



49.2468, 0.3632, 0.3521

Complementary

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



49.2468, 0.2869, 0.3482



35.8807, 0.3475, 0.3107

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.



49.2468, 0.3569, 0.3311



49.2468, 0.2869, 0.3482



49.2468, 0.3131, 0.2948

Square

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



49.2468, 0.2869, 0.3482



49.2468, 0.2713, 0.2898



49.2468, 0.3383, 0.3106



49.2468, 0.3552, 0.3681

Rectangle

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



49.2468, 0.2869, 0.3482



49.2468, 0.2652, 0.3094



49.2468, 0.3383, 0.3106



49.2468, 0.3627, 0.3454

Sweetspot

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



49.2488, 0.2869, 0.3482



96.4319, 0.3048, 0.3342



49.4502, 0.3208, 0.3937



20.5777, 0.3041, 0.3347



0.0000, 0.0000, 0.0000



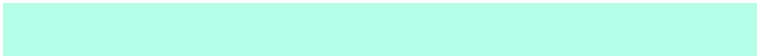
21.4041, 0.3127, 0.3290

Same Dimension

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



49.2488, 0.2869, 0.3482



87.2286, 0.2815, 0.3532



45.7500, 0.2767, 0.3161



11.3756, 0.3023, 0.3360



26.5529, 0.2522, 0.4281



1.1589, 0.2453, 0.4032

Inverse Universe

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



35.8807, 0.3475, 0.3107



58.6459, 0.3581, 0.3062



38.5005, 0.3592, 0.3415



10.1263, 0.3243, 0.3221



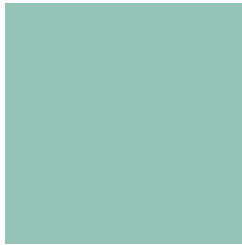
7.7538, 0.5742, 0.2937



0.3475, 0.5088, 0.2576

Previews

White Background



This preview shows how the Yxy color 49.2468, 0.2869, 0.3482 looks on a white background.

Color Contrast Check

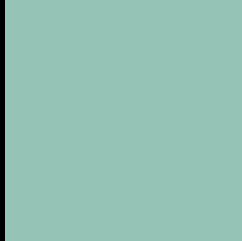
Large Text (above 18pt) WCAG AA × Fail

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 49.2468, 0.2869, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

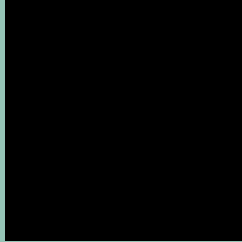
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

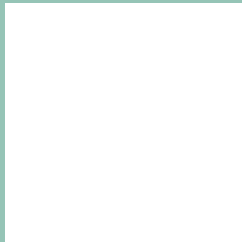
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.2468, 0.2869, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 49.2468, 0.2869, 0.3482.



This preview shows how white text looks on a background with the Yxy color 49.2468, 0.2869, 0.3482.

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

49.2468, 0.2869, 0.3482

Protanopia

48.9089, 0.3249, 0.3405

Deuteranopia

48.9827, 0.3295, 0.3229



Tritanopia

49.1234, 0.2730, 0.3079

Trichromacy



Original Color

49.2468, 0.2869, 0.3482

Protanomaly

48.8397, 0.3104, 0.3435

Deuteranomaly

48.7688, 0.3126, 0.3316

Tritanomaly

48.9388, 0.2775, 0.3209

Monochromacy



Original Color

49.2468, 0.2869, 0.3482

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.8890, 0.3025, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2468, 0.2869, 0.3482 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(149, 196, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 196, 182) }
```

Border

The CSS property to change the border of an element to Yxy 49.2468, 0.2869, 0.3482 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, 182) }
```

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

```
.border{ border-color:rgb(149, 196, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 196, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 196, 182);  
box-shadow:4px 4px 4px 4px rgb(149, 196,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2468, 0.2869, 0.3482 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, 182) }
```

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

```
.background{ background-color: rgb(149,  
196, 182) }
```

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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