

Converting Colors

$Yxy(49.5866, 0.2963, 0.3416)$

Have a look what the booklet for
Yxy(49.5866, 0.2963, 0.3416)
contains.

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Color

Yxy(49.4931, 0.2964, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	A4C1B8
RGB	164, 193, 184
RGB Percent	64%, 76%, 72%
CMY	0.3571, 0.2431, 0.2785
CMYK	0.15, 0.00, 0.05, 0.24
HSL	161°, 19%, 70%
HSV	161°, 15%, 76%
XYZ	43.0198, 49.4931, 52.6281
YIQ	183.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

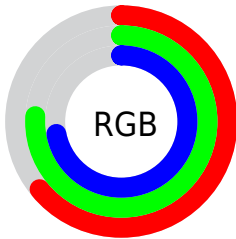
Format	Color
RYB	164, 181, 193
Decimal	10797496
CIELab	75.76, -11.61, 1.24
CIELCh	76, 11.675, 173.883
Yxy	49.4931, 0.2964, 0.3410
Android (android.graphics.Color)	4288987576 (0xFFA4C1B8)
YUV	183.3030, 0.3436, -16.9287
Hunter-Lab	70.3513, -13.9622, 4.8925

Details

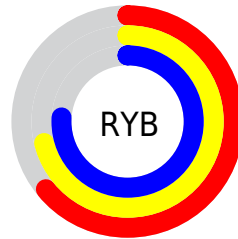
The Yxy color **49.4931, 0.2964, 0.3410** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8819, 0.3322, 0.3173**, and the grayscale version is **47.5271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1027, 0.2992, 0.3383**, and **23.5487, 0.2920, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **47.3501, 0.2862, 0.3500**, and if you desaturate by 10%, it is **51.9625, 0.3071, 0.3328**.

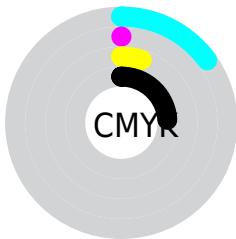
Distribution



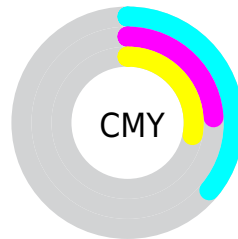
- Red (64%)
- Green (76%)
- Blue (72%)



- Red (64%)
- Yellow (71%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)




- Cyan (36%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4931, 0.2964, 0.3410 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 49.4931, 0.2964, 0.3410 by changing the saturation by 10% instead.

 49.4931, 0.2964,
0.3410


 49.4931, 0.2964,
0.3410

384.6803, 0.3045,
0.3350

 35.0108, 0.2944,
0.3425


 89.4234, 0.2993,
0.3388

 23.6712, 0.2918,
0.3444


 115.6401, 0.3004,
0.3380

 15.0899, 0.2884,
0.3469


146.5372, 0.3014,
0.3373

 8.8825, 0.2837,
0.3504

182.4989, 0.3022,
0.3367

 4.6646, 0.2768,
0.3557

223.9097, 0.3029,
0.3362

 2.0519, 0.2654,
0.3643

271.1539, 0.3035,

 0.6373, 0.2058,

0.3358

0.4068

324.6160, 0.3040,
0.3354

0.0000, 0.0000,
0.0000

49.4931, 0.2964,
0.3410

49.4931, 0.2964,
0.3410

47.3501, 0.2862,
0.3500

51.9625, 0.3071,
0.3328

45.5132, 0.2769,
0.3597

54.7653, 0.3182,
0.3255

43.9692, 0.2686,
0.3702

57.9162, 0.3293,
0.3189

42.7016, 0.2619,
0.3813

61.4269, 0.3404,
0.3131

41.6922, 0.2568,
0.3928

64.2621, 0.3468,
0.3077

■ 40.9205, 0.2536,
0.4045

■ 64.5738, 0.3421,
0.3016

■ 40.3629, 0.2524,
0.4164

■ 64.8969, 0.3373,
0.2957

■ 39.9905, 0.2531,
0.4281

■ 65.2315, 0.3327,
0.2899

■ 39.8462, 0.2538,
0.4338

■ 65.5776, 0.3281,
0.2841

Harmonies

Analogous

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



49.4931, 0.3116, 0.3525



49.4931, 0.2964, 0.3410



49.4931, 0.2857, 0.3263

Triad

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



49.4931, 0.2964, 0.3410



49.4931, 0.2976, 0.3022



49.4931, 0.3444, 0.3441

Complementary

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



49.4931, 0.2964, 0.3410



40.8819, 0.3322, 0.3173

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.



49.4931, 0.3405, 0.3307



49.4931, 0.2964, 0.3410



49.4931, 0.3132, 0.3070

Square

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



49.4931, 0.2964, 0.3410



49.4931, 0.2863, 0.3041



49.4931, 0.3290, 0.3173



49.4931, 0.3395, 0.3539

Rectangle

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



49.4931, 0.2964, 0.3410



49.4931, 0.2824, 0.3169



49.4931, 0.3290, 0.3173



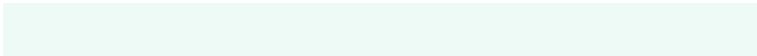
49.4931, 0.3441, 0.3398

Sweetspot

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



49.4952, 0.2964, 0.3410



93.0386, 0.3071, 0.3328



49.7280, 0.3183, 0.3679



19.8886, 0.3064, 0.3334



97.7402, 0.3127, 0.3290



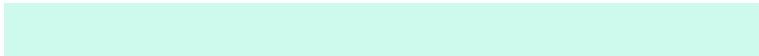
20.4902, 0.3127, 0.3290

Same Dimension

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



49.4952, 0.2964, 0.3410



87.3291, 0.2931, 0.3438



47.5699, 0.2899, 0.3219



11.3735, 0.3025, 0.3362



26.5106, 0.2534, 0.4323



1.1574, 0.2462, 0.4063

Inverse Universe

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



40.8819, 0.3322, 0.3173



69.0371, 0.3372, 0.3147



42.4923, 0.3395, 0.3360



10.1282, 0.3241, 0.3219



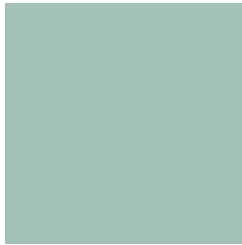
7.7699, 0.5699, 0.2913



0.3484, 0.5050, 0.2556

Previews

White Background



This preview shows how the Yxy color 49.4931, 0.2964, 0.3410 looks on a white background.

Color Contrast Check

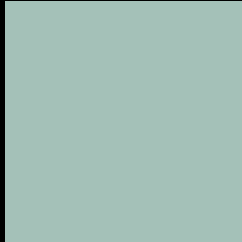
Large Text (above 18pt) WCAG AA × Fail

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 49.4931, 0.2964, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

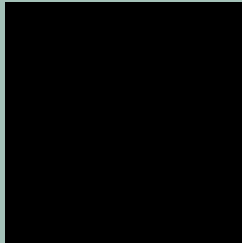
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

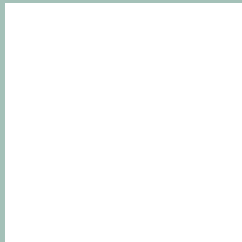
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.4931, 0.2964, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 49.4931, 0.2964, 0.3410.



This preview shows how white text looks on a background with the Yxy color 49.4931, 0.2964, 0.3410.

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

49.4931, 0.2964, 0.3410

Protanopia

49.4895, 0.3216, 0.3366

Deuteranopia

49.0677, 0.3278, 0.3205



Tritanopia

49.5595, 0.2848, 0.3096

Trichromacy



Original Color

49.4931, 0.2964, 0.3410

Protanomaly

49.5551, 0.3122, 0.3394

Deuteranomaly

49.0619, 0.3153, 0.3277

Tritanomaly

49.5083, 0.2896, 0.3211

Monochromacy



Original Color

49.4931, 0.2964, 0.3410

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.1897, 0.3067, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4931, 0.2964, 0.3410 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(164, 193, 184)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 184)  
}
```

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(164, 193, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 184) }
```

Border

The CSS property to change the border of an element to Yxy 49.4931, 0.2964, 0.3410 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(164, 193, 184) }
```

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

```
.border{ border-color:rgb(164, 193, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 193, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 184);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4931, 0.2964, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 193, 184) }
```

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

```
.background{ background-color: rgb(164,  
193, 184) }
```

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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