

Converting Colors

$Y_{xy}(49.1799, 0.2996, 0.3457)$

Have a look what the booklet for
Yxy(49.1799, 0.2996, 0.3457)
contains.

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Color

Yxy(49.3277, 0.2993, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	A4C1B4
RGB	164, 193, 180
RGB Percent	64%, 76%, 71%
CMY	0.3568, 0.2431, 0.2941
CMYK	0.15, 0.00, 0.07, 0.24
HSL	153°, 19%, 70%
HSV	153°, 15%, 76%
XYZ	42.6206, 49.3277, 50.4527
YIQ	182.8470, -13.1110, -10.1910

Conversions

Conversions Part 2

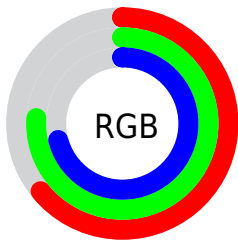
Format	Color
RYB	164, 183, 193
Decimal	10797492
CIELab	75.65, -12.36, 3.26
CIElCh	76, 12.782, 165.219
Yxy	49.3277, 0.2993, 0.3464
Android (android.graphics.Color)	4288987572 (0xFFA4C1B4)
YUV	182.8470, -1.4036, -16.5288
Hunter-Lab	70.2337, -14.5880, 6.5723

Details

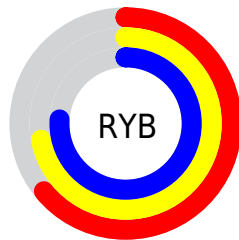
The Yxy color **49.3277, 0.2993, 0.3464** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0710, 0.3285, 0.3122**, and the grayscale version is **47.2816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8676, 0.3015, 0.3425**, and **23.4423, 0.2958, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **47.0874, 0.2908, 0.3596**, and if you desaturate by 10%, it is **51.9058, 0.3082, 0.3345**.

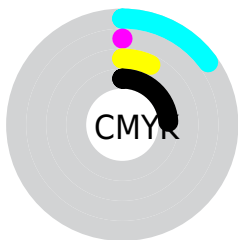
Distribution



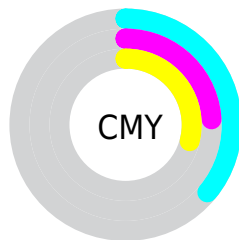
- Red (64%)
- Green (76%)
- Blue (71%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (36%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3277, 0.2993, 0.3464 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 49.3277, 0.2993, 0.3464 by changing the saturation by 10% instead.


 49.3277, 0.2993,
0.3464

 49.3277, 0.2993,
0.3464


384.0310, 0.3060,
0.3377

 34.8795, 0.2976,
0.3486


 89.1780, 0.3017,
0.3432

 23.5701, 0.2955,
0.3514


 115.3488, 0.3026,
0.3420

 15.0150, 0.2926,
0.3552


146.1960, 0.3034,
0.3410

 8.8299, 0.2886,
0.3604

182.1040, 0.3041,
0.3402

 4.6304, 0.2827,
0.3684

223.4570, 0.3047,
0.3394

 2.0321, 0.2729,
0.3817

270.6396, 0.3052,

 0.6260, 0.2136,

0.3388

0.4560

324.0361, 0.3056,
0.3382

0.0000, 0.0000,
0.0000

49.3277, 0.2993,
0.3464

49.3277, 0.2993,
0.3464

47.0874, 0.2908,
0.3596

51.9058, 0.3082,
0.3345

45.1644, 0.2830,
0.3740

54.8289, 0.3172,
0.3238

43.5452, 0.2761,
0.3896

58.1120, 0.3263,
0.3144

42.2129, 0.2706,
0.4062

61.7671, 0.3352,
0.3061

41.1492, 0.2666,
0.4234

64.7435, 0.3394,
0.2983

■ 40.3332, 0.2645,
0.4409

■ 65.2235, 0.3327,
0.2898

■ 39.7410, 0.2644,
0.4584

■ 65.7278, 0.3261,
0.2816

■ 39.3435, 0.2663,
0.4753

■ 66.2566, 0.3197,
0.2735

■ 39.1889, 0.2676,
0.4835

■ 66.6199, 0.3156,
0.2683

Harmonies

Analogous

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



49.3277, 0.3166, 0.3572



49.3277, 0.2993, 0.3464



49.3277, 0.2858, 0.3307

Triad

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



49.3277, 0.2993, 0.3464



49.3277, 0.2920, 0.2995



49.3277, 0.3472, 0.3414

Complementary

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



49.3277, 0.2993, 0.3464



41.0710, 0.3285, 0.3122

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.



49.3277, 0.3403, 0.3265



49.3277, 0.2993, 0.3464



49.3277, 0.3080, 0.3027

Square

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



49.3277, 0.2993, 0.3464



49.3277, 0.2816, 0.3038



49.3277, 0.3258, 0.3125



49.3277, 0.3446, 0.3537

Rectangle

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



49.3277, 0.2993, 0.3464



49.3277, 0.2806, 0.3199



49.3277, 0.3258, 0.3125



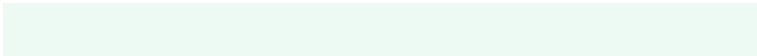
49.3277, 0.3459, 0.3366

Sweetspot

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



49.3298, 0.2993, 0.3464



92.9329, 0.3081, 0.3346



50.1753, 0.3215, 0.3673



19.8628, 0.3075, 0.3354



97.7402, 0.3127, 0.3290



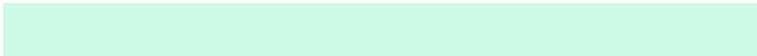
20.4902, 0.3127, 0.3290

Same Dimension

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



49.3298, 0.2993, 0.3464



86.9739, 0.2965, 0.3506



49.2473, 0.2901, 0.3270



11.3497, 0.3043, 0.3395



26.0816, 0.2671, 0.4814



1.1406, 0.2566, 0.4439

Inverse Universe

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



41.0710, 0.3285, 0.3122



69.3707, 0.3326, 0.3084



41.0985, 0.3401, 0.3310



10.1513, 0.3220, 0.3187



8.0097, 0.5152, 0.2612



0.3599, 0.4610, 0.2313

Previews

White Background



This preview shows how the Yxy color 49.3277, 0.2993, 0.3464 looks on a white background.

Color Contrast Check

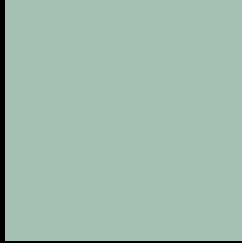
Large Text (above 18pt) WCAG AA × Fail

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 49.3277, 0.2993, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

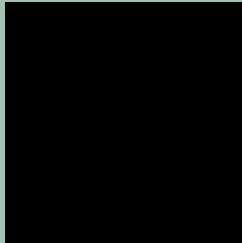
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

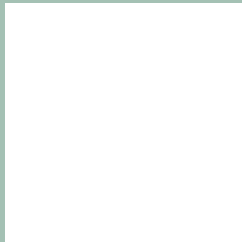
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.3277, 0.2993, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 49.3277, 0.2993, 0.3464.



This preview shows how white text looks on a background with the Yxy color 49.3277, 0.2993, 0.3464.

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

49.3277, 0.2993, 0.3464

Protanopia

49.0390, 0.3258, 0.3405

Deuteranopia

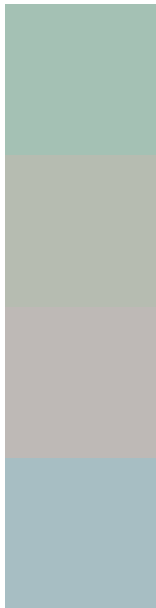
49.0405, 0.3321, 0.3254



Tritanopia

49.0797, 0.2854, 0.3096

Trichromacy



Original Color

49.3277, 0.2993, 0.3464

Protanomaly

49.0858, 0.3162, 0.3433

Deuteranomaly

49.0225, 0.3193, 0.3328

Tritanomaly

48.9825, 0.2909, 0.3224

Monochromacy



Original Color

49.3277, 0.2993, 0.3464

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.1482, 0.3075, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3277, 0.2993, 0.3464 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 180) }
```

Border

The CSS property to change the border of an element to Yxy 49.3277, 0.2993, 0.3464 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, 180) }
```

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

```
.border{ border-color:rgb(164, 193, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 180);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3277, 0.2993, 0.3464 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, 180) }
```

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

```
.background{ background-color: rgb(164,  
193, 180) }
```

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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