

Converting Colors

Yxy(50.2312, 0.2960, 0.3449)

Have a look what the booklet for
Yxy(50.2312, 0.2960, 0.3449)
contains.

Yxy(50.2356, 0.2964, 0.3450)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.2356, 0.2964, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	A3C3B7
RGB	163, 195, 183
RGB Percent	64%, 76%, 72%
CMY	0.3610, 0.2352, 0.2824
CMYK	0.16, 0.00, 0.06, 0.24
HSL	157°, 21%, 70%
HSV	157°, 16%, 76%
XYZ	43.1589, 50.2356, 52.2159
YIQ	184.0640, -15.2200, -10.5160

Conversions

Conversions Part 2

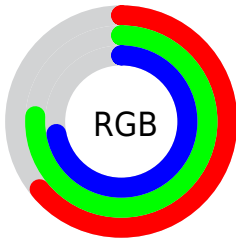
Format	Color
RYB	163, 183, 195
Decimal	10732471
CIELab	76.21, -13.16, 2.44
CIELCh	76, 13.388, 169.489
Yxy	50.2356, 0.2964, 0.3450
Android (android.graphics.Color)	4288922551 (0xFFA3C3B7)
YUV	184.0640, -0.5246, -18.4731
Hunter-Lab	70.8771, -15.3415, 5.9344

Details

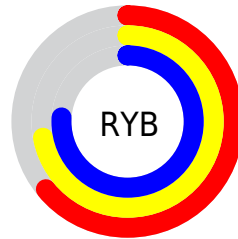
The Yxy color **50.2356, 0.2964, 0.3450** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8776, 0.3324, 0.3136**, and the grayscale version is **47.9758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7582, 0.2992, 0.3424**, and **24.0410, 0.2921, 0.3492** is the 20% darker color. If you saturate the color by 10%, you get **48.0394, 0.2871, 0.3561**, and if you desaturate by 10%, it is **52.7693, 0.3062, 0.3349**.

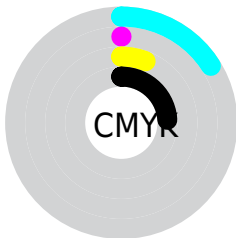
Distribution



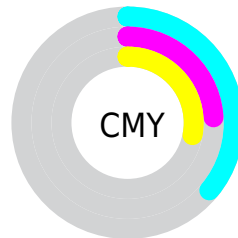
- Red (64%)
- Green (76%)
- Blue (72%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2356, 0.2964, 0.3450 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 50.2356, 0.2964, 0.3450 by changing the saturation by 10% instead.


 50.2356, 0.2964,
0.3450

 50.2356, 0.2964,
0.3450

387.5866, 0.3045,
0.3370

 35.6006, 0.2944,
0.3470


 90.5239, 0.2993,
0.3421

 24.1259, 0.2918,
0.3495


 116.9459, 0.3004,
0.3410

 15.4271, 0.2884,
0.3529


148.0658, 0.3014,
0.3401

 9.1196, 0.2837,
0.3577

184.2680, 0.3022,
0.3393

 4.8193, 0.2768,
0.3647

225.9367, 0.3029,
0.3386

 2.1416, 0.2654,
0.3765

273.4565, 0.3035,

 0.6879, 0.2080,

0.3380

0.4303

327.2116, 0.3040,
0.3375

0.0000, 0.0000,
0.0000

50.2356, 0.2964,
0.3450

50.2356, 0.2964,
0.3450

48.0394, 0.2871,
0.3561

52.7693, 0.3062,
0.3349

46.1595, 0.2786,
0.3682

55.6479, 0.3163,
0.3259

44.5823, 0.2712,
0.3811

58.8865, 0.3265,
0.3178

43.2904, 0.2651,
0.3948

62.4975, 0.3366,
0.3107

42.2648, 0.2608,
0.4091

65.4414, 0.3421,
0.3041

■ 41.4840, 0.2584,
0.4236

■ 65.8365, 0.3364,
0.2968

■ 40.9229, 0.2581,
0.4381

■ 66.2488, 0.3308,
0.2897

■ 40.5493, 0.2596,
0.4523

■ 66.6784, 0.3253,
0.2827

■ 40.4391, 0.2604,
0.4573

■ 67.1256, 0.3199,
0.2759

Harmonies

Analogous

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



50.2356, 0.3141, 0.3573



50.2356, 0.2964, 0.3450



50.2356, 0.2833, 0.3283

Triad

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



50.2356, 0.2964, 0.3450



50.2356, 0.2932, 0.2983



50.2356, 0.3489, 0.3440

Complementary

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



50.2356, 0.2964, 0.3450



40.8776, 0.3324, 0.3136

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.



50.2356, 0.3430, 0.3286



50.2356, 0.2964, 0.3450



50.2356, 0.3105, 0.3028

Square

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



50.2356, 0.2964, 0.3450



50.2356, 0.2814, 0.3016



50.2356, 0.3288, 0.3137



50.2356, 0.3447, 0.3561

Rectangle

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



50.2356, 0.2964, 0.3450



50.2356, 0.2787, 0.3173



50.2356, 0.3288, 0.3137



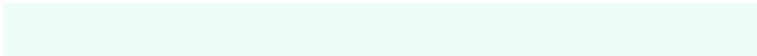
50.2356, 0.3480, 0.3390

Sweetspot

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



50.2377, 0.2964, 0.3450



95.1585, 0.3076, 0.3336



50.8224, 0.3206, 0.3715



20.7618, 0.3069, 0.3343



0.0000, 0.0000, 0.0000



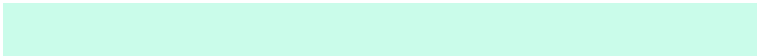
21.4041, 0.3127, 0.3290

Same Dimension

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



50.2377, 0.2964, 0.3450



88.3673, 0.2927, 0.3492



49.1046, 0.2879, 0.3240



11.3623, 0.3033, 0.3378



26.2953, 0.2598, 0.4554



1.1492, 0.2511, 0.4238

Inverse Universe

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



40.8776, 0.3324, 0.3136



68.2168, 0.3381, 0.3097



41.7735, 0.3428, 0.3340



10.1390, 0.3231, 0.3204



7.8697, 0.5453, 0.2777



0.3534, 0.4843, 0.2441

Previews

White Background



This preview shows how the Yxy color 50.2356, 0.2964, 0.3450 looks on a white background.

Color Contrast Check

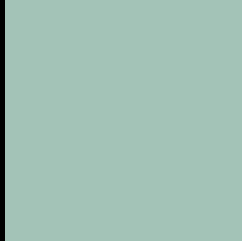
Large Text (above 18pt) WCAG AA × Fail

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 50.2356, 0.2964, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

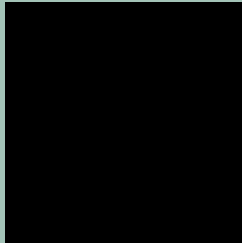
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

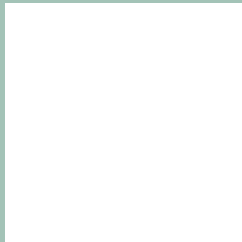
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2356, 0.2964, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 50.2356, 0.2964, 0.3450.



This preview shows how white text looks on a background with the Yxy color 50.2356, 0.2964, 0.3450.

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

50.2356, 0.2964, 0.3450

Protanopia

50.0925, 0.3248, 0.3404

Deuteranopia

49.7147, 0.3303, 0.3230



Tritanopia

49.9821, 0.2828, 0.3084

Trichromacy



Original Color

50.2356, 0.2964, 0.3450

Protanomaly

50.0673, 0.3137, 0.3419

Deuteranomaly

49.5677, 0.3168, 0.3303

Tritanomaly

49.8835, 0.2882, 0.3211

Monochromacy



Original Color

50.2356, 0.2964, 0.3450

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.6572, 0.3059, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2356, 0.2964, 0.3450 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(163, 195, 183)` looks like.

```
.text, #text, p{  
    color:rgb(163, 195, 183)  
}
```

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(163, 195, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 195, 183) }
```

Border

The CSS property to change the border of an element to Yxy 50.2356, 0.2964, 0.3450 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(163, 195, 183) }
```

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

```
.border{ border-color:rgb(163, 195, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 195, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 195, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 195, 183);  
box-shadow:4px 4px 4px 4px rgb(163, 195,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2356, 0.2964, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 195, 183) }
```

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

```
.background{ background-color: rgb(163,  
195, 183) }
```

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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