

Converting Colors

$Y_{xy}(50.3280, 0.2898, 0.3353)$

Have a look what the booklet for
Yxy(50.3280, 0.2898, 0.3353)
contains.

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Color

Yxy(50.3250, 0.2901, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	A1C3BE
RGB	161, 195, 190
RGB Percent	63%, 76%, 75%
CMY	0.3687, 0.2352, 0.2550
CMYK	0.17, 0.00, 0.03, 0.24
HSL	171°, 22%, 70%
HSV	171°, 17%, 76%
XYZ	43.5020, 50.3250, 56.1283
YIQ	184.2640, -18.6590, -8.7630

Conversions

Conversions Part 2

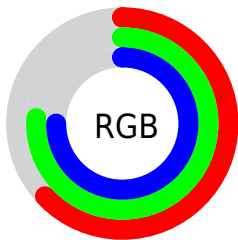
Format	Color
RYB	161, 179, 195
Decimal	10601406
CIELab	76.27, -12.38, -1.28
CIElCh	76, 12.449, 185.899
Yxy	50.3250, 0.2901, 0.3356
Android (android.graphics.Color)	4288791486 (0xFFA1C3BE)
YUV	184.2640, 2.8278, -20.4025
Hunter-Lab	70.9401, -14.6851, 2.7475

Details

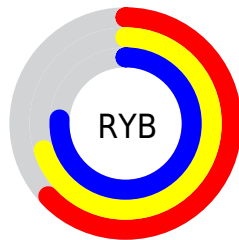
The Yxy color **50.3250, 0.2901, 0.3356** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.8376, 0.3411, 0.3225**, and the grayscale version is **48.0762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8736, 0.2942, 0.3351**, and **24.1071, 0.2838, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **48.3323, 0.2782, 0.3399**, and if you desaturate by 10%, it is **52.6403, 0.3028, 0.3317**.

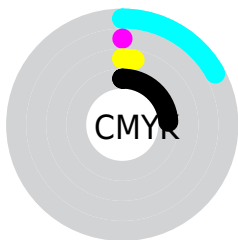
Distribution



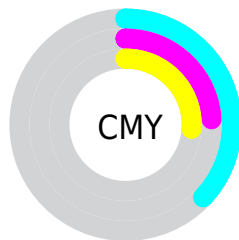
- Red (63%)
- Green (76%)
- Blue (75%)



- Red (63%)
- Yellow (70%)
- Blue (76%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)





- Cyan (37%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3250, 0.2901, 0.3356 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 50.3250, 0.2901, 0.3356 by changing the saturation by 10% instead.


 50.3250, 0.2901,
0.3356


 50.3250, 0.2901,
0.3356


387.9355, 0.3012,
0.3324

 35.6717, 0.2874,
0.3364


 90.6562, 0.2941,
0.3345

 24.1808, 0.2839,
0.3373


 117.1029, 0.2956,
0.3340

 15.4678, 0.2793,
0.3386


148.2496, 0.2969,
0.3337

 9.1483, 0.2730,
0.3404

184.4805, 0.2980,
0.3333

 4.8381, 0.2638,
0.3428

226.1802, 0.2990,
0.3331

 2.1526, 0.2491,
0.3467

273.7330, 0.2998,

 0.6939, 0.1884,

0.3328

0.3660

327.5233, 0.3006,
0.3326

0.0000, 0.0000,
0.0000

50.3250, 0.2901,
0.3356

50.3250, 0.2901,
0.3356

48.3323, 0.2782,
0.3399

52.6403, 0.3028,
0.3317

46.6414, 0.2674,
0.3444

55.2856, 0.3161,
0.3281

45.2386, 0.2580,
0.3492

58.2759, 0.3297,
0.3249

44.1065, 0.2503,
0.3542

61.6233, 0.3434,
0.3221

43.2264, 0.2444,
0.3594

64.6734, 0.3542,
0.3195

■ 42.5764, 0.2404,
0.3646

■ 64.8131, 0.3519,
0.3165

■ 42.1316, 0.2383,
0.3698

■ 64.9555, 0.3495,
0.3136

■ 41.8561, 0.2379,
0.3750

■ 65.1004, 0.3472,
0.3107

■ 41.7970, 0.2379,
0.3763

■ 65.2479, 0.3450,
0.3077

Harmonies

Analogous

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



50.3250, 0.3048, 0.3498



50.3250, 0.2901, 0.3356



50.3250, 0.2815, 0.3199

Triad

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



50.3250, 0.2901, 0.3356



50.3250, 0.3030, 0.3018



50.3250, 0.3453, 0.3498

Complementary

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



50.3250, 0.2901, 0.3356



39.8376, 0.3411, 0.3225

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.



50.3250, 0.3450, 0.3367



50.3250, 0.2901, 0.3356



50.3250, 0.3201, 0.3095

Square

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



50.3250, 0.2901, 0.3356



50.3250, 0.2888, 0.3009



50.3250, 0.3356, 0.3221



50.3250, 0.3368, 0.3578

Rectangle

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



50.3250, 0.2901, 0.3356



50.3250, 0.2803, 0.3110



50.3250, 0.3356, 0.3221



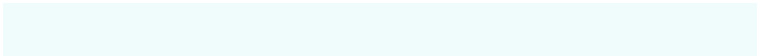
50.3250, 0.3463, 0.3458

Sweetspot

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



50.3271, 0.2901, 0.3356



95.3379, 0.3060, 0.3308



49.7235, 0.3146, 0.3752



20.8065, 0.3050, 0.3311



0.0000, 0.0000, 0.0000



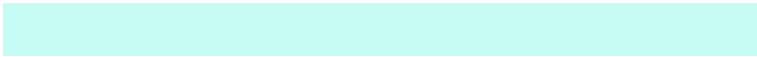
21.4041, 0.3127, 0.3290

Same Dimension

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



50.3271, 0.2901, 0.3356



88.6752, 0.2854, 0.3372



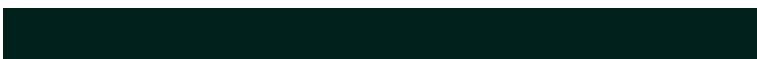
45.4228, 0.2859, 0.3130



11.4021, 0.3004, 0.3324



27.1719, 0.2377, 0.3756



1.1811, 0.2345, 0.3640

Inverse Universe

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



39.8376, 0.3411, 0.3225



66.3449, 0.3490, 0.3210



44.0200, 0.3433, 0.3445



10.1016, 0.3266, 0.3256



7.6055, 0.6180, 0.3178



0.3365, 0.5650, 0.2886

Previews

White Background



This preview shows how the Yxy color 50.3250, 0.2901, 0.3356 looks on a white background.

Color Contrast Check

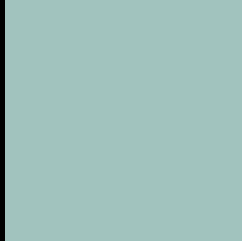
Large Text (above 18pt) WCAG AA × Fail

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 50.3250, 0.2901, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

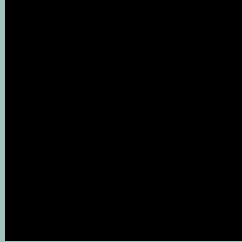
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

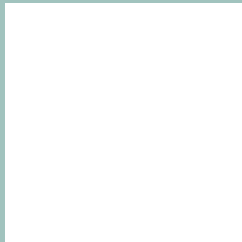
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3250, 0.2901, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 50.3250, 0.2901, 0.3356.

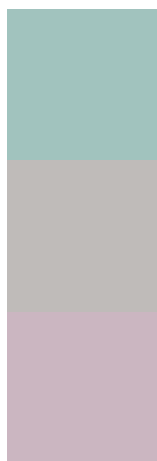


This preview shows how white text looks on a background with the Yxy color 50.3250, 0.2901, 0.3356.

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

50.3250, 0.2901, 0.3356

Protanopia

50.1198, 0.3176, 0.3315

Deuteranopia

50.0027, 0.3219, 0.3157



Tritanopia

50.1459, 0.2800, 0.3083

Trichromacy



Original Color

50.3250, 0.2901, 0.3356

Protanomaly

50.1181, 0.3069, 0.3328

Deuteranomaly

50.0378, 0.3097, 0.3227

Tritanomaly

50.1435, 0.2840, 0.3185

Monochromacy



Original Color

50.3250, 0.2901, 0.3356

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7417, 0.3044, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3250, 0.2901, 0.3356 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(161, 195, 190)` looks like.

```
.text, #text, p{  
    color:rgb(161, 195, 190)  
}
```

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(161, 195, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 195, 190) }
```

Border

The CSS property to change the border of an element to Yxy 50.3250, 0.2901, 0.3356 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(161, 195, 190) }
```

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

```
.border{ border-color:rgb(161, 195, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 195, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 195, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 195, 190);  
box-shadow:4px 4px 4px 4px rgb(161, 195,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3250, 0.2901, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 195, 190) }
```

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

```
.background{ background-color: rgb(161,  
195, 190) }
```

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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