

Converting Colors

$Yxy(50.7484, 0.2898, 0.3356)$

Have a look what the booklet for
Yxy(50.7484, 0.2898, 0.3356)
contains.

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Color

Yxy(50.8185, 0.2895, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	A1C4BF
RGB	161, 196, 191
RGB Percent	63%, 77%, 75%
CMY	0.3684, 0.2314, 0.2509
CMYK	0.18, 0.00, 0.03, 0.23
HSL	171°, 23%, 70%
HSV	171°, 18%, 77%
XYZ	43.8508, 50.8185, 56.8016
YIQ	184.9650, -19.2550, -8.9750

Conversions

Conversions Part 2

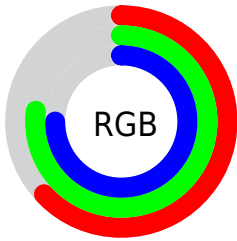
Format	Color
RYB	161, 180, 196
Decimal	10601663
CIELab	76.57, -12.65, -1.40
CIELCh	77, 12.729, 186.314
Yxy	50.8185, 0.2895, 0.3355
Android (android.graphics.Color)	4288791743 (0xFFA1C4BF)
YUV	184.9650, 2.9753, -21.0173
Hunter-Lab	71.2871, -14.9517, 2.6587

Details

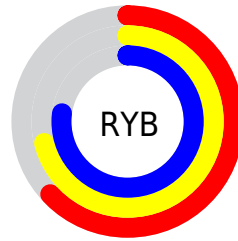
The Yxy color **50.8185, 0.2895, 0.3355** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9948, 0.3420, 0.3226**, and the grayscale version is **48.4927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5649, 0.2936, 0.3351**, and **24.4322, 0.2830, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **48.8192, 0.2776, 0.3396**, and if you desaturate by 10%, it is **53.1435, 0.3023, 0.3317**.

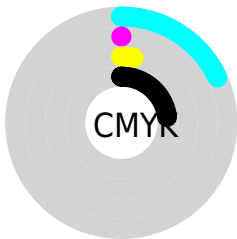
Distribution



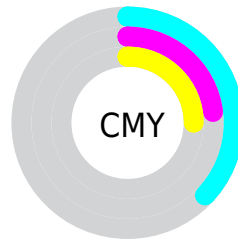
- Red (63%)
- Green (77%)
- Blue (75%)



- Red (63%)
- Yellow (71%)
- Blue (77%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)





- Cyan (37%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8185, 0.2895, 0.3355 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 50.8185, 0.2895, 0.3355 by changing the saturation by 10% instead.


 50.8185, 0.2895,
0.3355

 50.8185, 0.2895,
0.3355

389.8582, 0.3009,
0.3324

 36.0642, 0.2867,
0.3363


 91.3864, 0.2936,
0.3344

 24.4838, 0.2832,
0.3372


 117.9688, 0.2952,
0.3340

 15.6929, 0.2785,
0.3384


149.2627, 0.2965,
0.3336

 9.3071, 0.2721,
0.3401

185.6525, 0.2976,
0.3333

 4.9420, 0.2628,
0.3425

227.5225, 0.2986,
0.3330

 2.2133, 0.2479,
0.3462

275.2572, 0.2995,

 0.7272, 0.1912,

0.3328

0.3637

329.2410, 0.3002,
0.3326

0.0000, 0.0000,
0.0000

50.8185, 0.2895,
0.3355

50.8185, 0.2895,
0.3355

48.8192, 0.2776,
0.3396

53.1435, 0.3023,
0.3317

47.1245, 0.2668,
0.3440

55.8019, 0.3157,
0.3283

45.7204, 0.2574,
0.3486

58.8086, 0.3293,
0.3252

44.5896, 0.2497,
0.3535

62.1762, 0.3431,
0.3224

43.7126, 0.2438,
0.3584

65.1413, 0.3535,
0.3199

■ 43.0675, 0.2398,
0.3634

■ 65.2770, 0.3513,
0.3170

■ 42.6287, 0.2378,
0.3684

■ 65.4151, 0.3491,
0.3142

■ 42.3582, 0.2374,
0.3734

■ 65.5556, 0.3469,
0.3114

■ 42.3081, 0.2373,
0.3744

■ 65.6986, 0.3446,
0.3086

Harmonies

Analogous

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



50.8185, 0.3044, 0.3500



50.8185, 0.2895, 0.3355



50.8185, 0.2809, 0.3195

Triad

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



50.8185, 0.2895, 0.3355



50.8185, 0.3030, 0.3014



50.8185, 0.3459, 0.3503

Complementary

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



50.8185, 0.2895, 0.3355



39.9948, 0.3420, 0.3226

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.



50.8185, 0.3456, 0.3370



50.8185, 0.2895, 0.3355



50.8185, 0.3205, 0.3093

Square

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



50.8185, 0.2895, 0.3355



50.8185, 0.2885, 0.3004



50.8185, 0.3362, 0.3221



50.8185, 0.3371, 0.3584

Rectangle

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



50.8185, 0.2895, 0.3355



50.8185, 0.2797, 0.3104



50.8185, 0.3362, 0.3221



50.8185, 0.3469, 0.3463

Sweetspot

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



50.8206, 0.2895, 0.3355



97.5454, 0.3059, 0.3307



50.1891, 0.3146, 0.3763



20.8076, 0.3050, 0.3310



0.0000, 0.0000, 0.0000



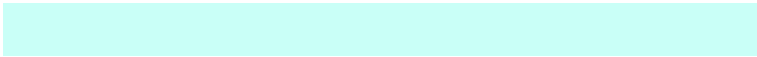
21.4041, 0.3127, 0.3290

Same Dimension

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



50.8206, 0.2895, 0.3355



90.7394, 0.2852, 0.3369



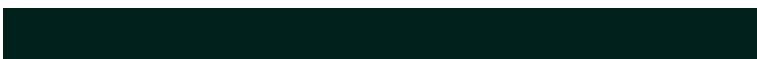
45.7490, 0.2853, 0.3126



11.4030, 0.3003, 0.3323



27.1973, 0.2372, 0.3737



1.1820, 0.2341, 0.3627

Inverse Universe

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



39.9948, 0.3420, 0.3226



67.8499, 0.3492, 0.3213



44.3034, 0.3440, 0.3449



10.1007, 0.3267, 0.3258



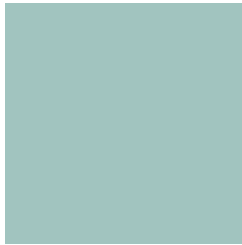
7.6019, 0.6191, 0.3184



0.3361, 0.5674, 0.2899

Previews

White Background



This preview shows how the Yxy color 50.8185, 0.2895, 0.3355 looks on a white background.

Color Contrast Check

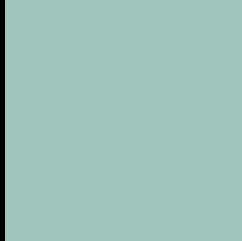
Large Text (above 18pt) WCAG AA × Fail

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 50.8185, 0.2895, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

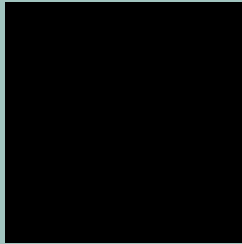
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

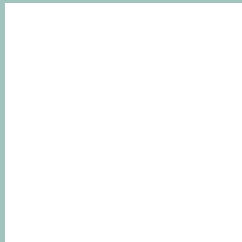
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8185, 0.2895, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 50.8185, 0.2895, 0.3355.



This preview shows how white text looks on a background with the Yxy color 50.8185, 0.2895, 0.3355.

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

50.8185, 0.2895, 0.3355

Protanopia

50.7181, 0.3176, 0.3315

Deuteranopia

50.5994, 0.3218, 0.3157



Tritanopia

50.6359, 0.2795, 0.3084

Trichromacy



Original Color

50.8185, 0.2895, 0.3355

Protanomaly

50.7162, 0.3069, 0.3328

Deuteranomaly

50.5081, 0.3089, 0.3227

Tritanomaly

50.6344, 0.2834, 0.3185

Monochromacy



Original Color

50.8185, 0.2895, 0.3355

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.2132, 0.3037, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8185, 0.2895, 0.3355 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, 196, 191)` looks like.

```
.text, #text, p{  
    color:rgb(161, 196, 191)  
}
```

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, 196, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 196, 191) }
```

Border

The CSS property to change the border of an element to Yxy 50.8185, 0.2895, 0.3355 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, 196, 191) }
```

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

```
.border{ border-color:rgb(161, 196, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 196, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 196, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 196, 191);  
box-shadow:4px 4px 4px 4px rgb(161, 196,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8185, 0.2895, 0.3355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 196, 191) }
```

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

```
.background{ background-color: rgb(161,  
196, 191) }
```

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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