

Converting Colors

$Yxy(51.1785, 0.2875, 0.3336)$

Have a look what the booklet for
Yxy(51.1785, 0.2875, 0.3336)
contains.

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Color

Yxy(51.2563, 0.2875, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	A0C5C1
RGB	160, 197, 193
RGB Percent	63%, 77%, 76%
CMY	0.3724, 0.2275, 0.2431
CMYK	0.19, 0.00, 0.02, 0.23
HSL	174°, 24%, 70%
HSV	174°, 19%, 77%
XYZ	44.0939, 51.2563, 58.0199
YIQ	185.4810, -20.7680, -9.0880

Conversions

Conversions Part 2

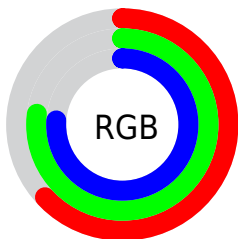
Format	Color
RYB	160, 180, 197
Decimal	10536385
CIELab	76.83, -13.08, -2.09
CIELCh	77, 13.247, 189.060
Yxy	51.2563, 0.2875, 0.3342
Android (android.graphics.Color)	4288726465 (0xFFA0C5C1)
YUV	185.4810, 3.7069, -22.3468
Hunter-Lab	71.5935, -15.3518, 2.0664

Details

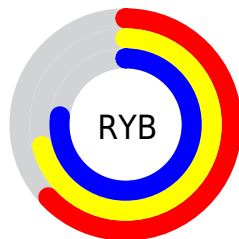
The Yxy color **51.2563, 0.2875, 0.3342** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.7056, 0.3451, 0.3239**, and the grayscale version is **48.7896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1702, 0.2920, 0.3341**, and **24.7265, 0.2804, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **49.2914, 0.2753, 0.3373**, and if you desaturate by 10%, it is **53.5485, 0.3006, 0.3313**.

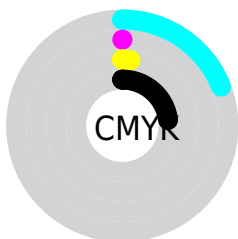
Distribution



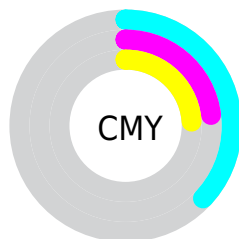
- Red (63%)
- Green (77%)
- Blue (76%)



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



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)




- Cyan (37%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2563, 0.2875, 0.3342 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 51.2563, 0.2875, 0.3342 by changing the saturation by 10% instead.


 51.2563, 0.2875,
0.3342

 51.2563, 0.2875,
0.3342


391.5587, 0.2999,
0.3317

 36.4126, 0.2845,
0.3348


 92.0335, 0.2919,
0.3333

 24.7530, 0.2807,
0.3355


 118.7358, 0.2936,
0.3330

 15.8932, 0.2756,
0.3364


150.1598, 0.2950,
0.3327

 9.4486, 0.2688,
0.3377

186.6899, 0.2963,
0.3325

 5.0349, 0.2588,
0.3394

228.7104, 0.2973,
0.3322

 2.2678, 0.2430,
0.3420

276.6058, 0.2983,

 0.7566, 0.1880,

0.3321

0.3559

330.7605, 0.2991,
0.3319

0.0000, 0.0000,
0.0000

51.2563, 0.2875,
0.3342

51.2563, 0.2875,
0.3342

49.2914, 0.2753,
0.3373

53.5485, 0.3006,
0.3313

47.6324, 0.2643,
0.3406

56.1758, 0.3145,
0.3287

46.2650, 0.2548,
0.3441

59.1537, 0.3286,
0.3263

45.1714, 0.2470,
0.3478

62.4945, 0.3430,
0.3242

44.3318, 0.2410,
0.3515

65.5339, 0.3544,
0.3223

■ 43.7237, 0.2370,
0.3552

■ 65.6366, 0.3527,
0.3201

■ 43.3207, 0.2348,
0.3589

■ 65.7408, 0.3510,
0.3179

■ 43.0793, 0.2342,
0.3626

■ 65.8463, 0.3493,
0.3157

■ 43.0532, 0.2342,
0.3631

■ 65.9533, 0.3476,
0.3135

Harmonies

Analogous

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



51.2563, 0.3024, 0.3496



51.2563, 0.2875, 0.3342



51.2563, 0.2793, 0.3177

Triad

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



51.2563, 0.2875, 0.3342



51.2563, 0.3042, 0.3009



51.2563, 0.3467, 0.3521

Complementary

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



51.2563, 0.2875, 0.3342



39.7056, 0.3451, 0.3239

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.



51.2563, 0.3473, 0.3387



51.2563, 0.2875, 0.3342



51.2563, 0.3224, 0.3096

Square

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



51.2563, 0.2875, 0.3342



51.2563, 0.2887, 0.2991



51.2563, 0.3384, 0.3232



51.2563, 0.3367, 0.3599

Rectangle

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



51.2563, 0.2875, 0.3342



51.2563, 0.2786, 0.3086



51.2563, 0.3384, 0.3232



51.2563, 0.3480, 0.3481

Sweetspot

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



51.2584, 0.2875, 0.3342



97.1067, 0.3043, 0.3306



50.3999, 0.3137, 0.3792



20.7204, 0.3034, 0.3308



0.0000, 0.0000, 0.0000



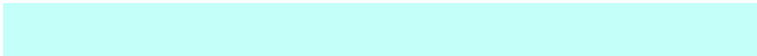
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2584, 0.2875, 0.3342



90.1209, 0.2818, 0.3356



45.3046, 0.2838, 0.3100



12.0470, 0.2998, 0.3315



28.3267, 0.2341, 0.3626



1.3471, 0.2319, 0.3549

Inverse Universe

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



39.7056, 0.3451, 0.3239



65.1952, 0.3553, 0.3226



44.7603, 0.3457, 0.3473



10.6553, 0.3273, 0.3265



7.8502, 0.6258, 0.3221



0.3782, 0.5853, 0.2998

Previews

White Background



This preview shows how the Yxy color 51.2563, 0.2875, 0.3342 looks on a white background.

Color Contrast Check

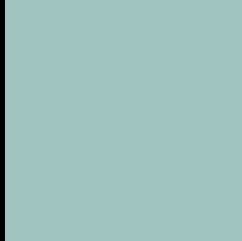
Large Text (above 18pt) WCAG AA × Fail

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 51.2563, 0.2875, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

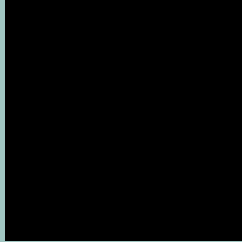
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

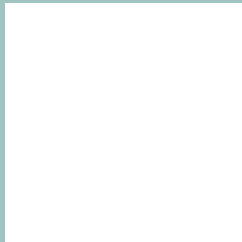
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2563, 0.2875, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 51.2563, 0.2875, 0.3342.

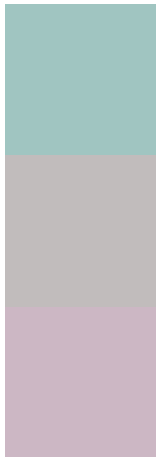


This preview shows how white text looks on a background with the Yxy color 51.2563, 0.2875, 0.3342.

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

51.2563, 0.2875, 0.3342

Protanopia

50.9347, 0.3169, 0.3290

Deuteranopia

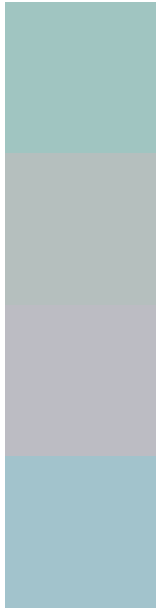
50.6899, 0.3202, 0.3133



Tritanopia

51.0232, 0.2782, 0.3084

Trichromacy



Original Color

51.2563, 0.2875, 0.3342

Protanomaly

50.8031, 0.3054, 0.3303

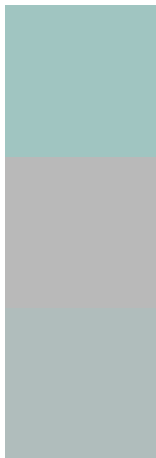
Deuteranomaly

50.5979, 0.3074, 0.3202

Tritanomaly

51.0712, 0.2815, 0.3172

Monochromacy



Original Color

51.2563, 0.2875, 0.3342

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.2561, 0.3029, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2563, 0.2875, 0.3342 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(160, 197, 193)` looks like.

```
.text, #text, p{  
    color:rgb(160, 197, 193)  
}
```

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(160, 197, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 197, 193) }
```

Border

The CSS property to change the border of an element to Yxy 51.2563, 0.2875, 0.3342 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(160, 197, 193) }
```

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

```
.border{ border-color:rgb(160, 197, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 197, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 197, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 197, 193);  
box-shadow:4px 4px 4px 4px rgb(160, 197,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2563, 0.2875, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 197, 193) }
```

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

```
.background{ background-color: rgb(160,  
197, 193) }
```

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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