

Converting Colors

$Yxy(51.3829, 0.2902, 0.3357)$

Have a look what the booklet for
Yxy(51.3829, 0.2902, 0.3357)
contains.

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Color

Yxy(51.5248, 0.2903, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	A3C5C0
RGB	163, 197, 192
RGB Percent	64%, 77%, 75%
CMY	0.3608, 0.2274, 0.2470
CMYK	0.17, 0.00, 0.03, 0.23
HSL	171°, 23%, 71%
HSV	171°, 17%, 77%
XYZ	44.5832, 51.5248, 57.4682
YIQ	186.2640, -18.6590, -8.7630

Conversions

Conversions Part 2

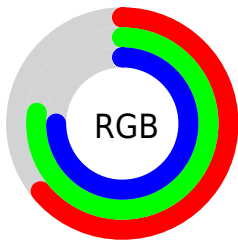
Format	Color
RYB	163, 181, 197
Decimal	10732992
CIELab	77.00, -12.35, -1.29
CIELCh	77, 12.420, 185.968
Yxy	51.5248, 0.2903, 0.3355
Android (android.graphics.Color)	4288923072 (0xFFA3C5C0)
YUV	186.2640, 2.8278, -20.4025
Hunter-Lab	71.7808, -14.7497, 2.7786

Details

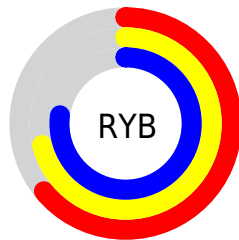
The Yxy color **51.5248, 0.2903, 0.3355** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8875, 0.3408, 0.3226**, and the grayscale version is **49.2501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5664, 0.2943, 0.3351**, and **24.8885, 0.2841, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **49.4799, 0.2784, 0.3397**, and if you desaturate by 10%, it is **53.9004, 0.3031, 0.3316**.

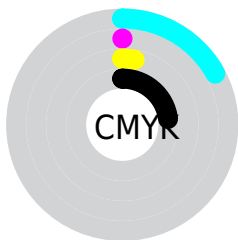
Distribution



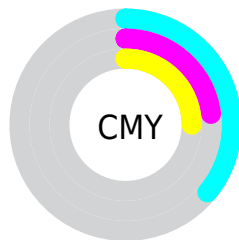
- Red (64%)
- Green (77%)
- Blue (75%)



- Red (64%)
- Yellow (71%)
- Blue (77%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (36%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5248, 0.2903, 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 51.5248, 0.2903, 0.3355 by changing the saturation by 10% instead.

■ 51.5248, 0.2903,
0.3355

■ 51.5248, 0.2903,
0.3355

392.5993, 0.3013,
0.3324

■ 36.6264, 0.2876,
0.3363

■ 92.4300, 0.2942,
0.3344

■ 24.9184, 0.2842,
0.3372

■ 119.2057, 0.2957,
0.3340

■ 16.0163, 0.2797,
0.3384

150.7093, 0.2970,
0.3336

■ 9.5357, 0.2736,
0.3401

187.3251, 0.2981,
0.3333

■ 5.0922, 0.2647,
0.3425

229.4377, 0.2991,
0.3330

■ 2.3015, 0.2506,
0.3462

277.4313, 0.2999,

■ 0.7745, 0.2028,

0.3328

0.3615

331.6904, 0.3006,
0.3326

0.0000, 0.0000,
0.0000

51.5248, 0.2903,
0.3355

51.5248, 0.2903,
0.3355

49.4799, 0.2784,
0.3397

53.9004, 0.3031,
0.3316

47.7444, 0.2676,
0.3443

56.6144, 0.3164,
0.3281

46.3042, 0.2581,
0.3491

59.6819, 0.3300,
0.3249

45.1417, 0.2504,
0.3540

63.1156, 0.3437,
0.3221

44.2375, 0.2444,
0.3592

65.6755, 0.3521,
0.3194

■ 43.5696, 0.2404,
0.3644

■ 65.8179, 0.3498,
0.3164

■ 43.1121, 0.2382,
0.3696

■ 65.9630, 0.3475,
0.3135

■ 42.8292, 0.2378,
0.3747

■ 66.1107, 0.3452,
0.3105

■ 42.7649, 0.2378,
0.3761

■ 66.2610, 0.3429,
0.3076

Harmonies

Analogous

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



51.5248, 0.3048, 0.3495



51.5248, 0.2903, 0.3355



51.5248, 0.2818, 0.3200

Triad

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



51.5248, 0.2903, 0.3355



51.5248, 0.3031, 0.3021



51.5248, 0.3450, 0.3496

Complementary

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



51.5248, 0.2903, 0.3355



40.8875, 0.3408, 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.



51.5248, 0.3446, 0.3366



51.5248, 0.2903, 0.3355



51.5248, 0.3201, 0.3097

Square

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



51.5248, 0.2903, 0.3355



51.5248, 0.2891, 0.3012



51.5248, 0.3354, 0.3222



51.5248, 0.3365, 0.3575

Rectangle

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



51.5248, 0.2903, 0.3355



51.5248, 0.2806, 0.3111



51.5248, 0.3354, 0.3222



51.5248, 0.3459, 0.3457

Sweetspot

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



51.5269, 0.2903, 0.3355



97.5414, 0.3060, 0.3308



50.9143, 0.3146, 0.3747



20.8067, 0.3050, 0.3311



0.0000, 0.0000, 0.0000



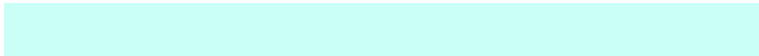
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5269, 0.2903, 0.3355



90.7234, 0.2853, 0.3372



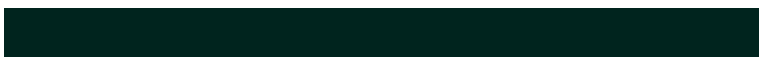
46.5564, 0.2862, 0.3131



12.0397, 0.3003, 0.3324



28.1359, 0.2376, 0.3754



1.3397, 0.2346, 0.3647

Inverse Universe

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



40.8875, 0.3408, 0.3226



67.8627, 0.3490, 0.3210



45.1337, 0.3429, 0.3444



10.6619, 0.3267, 0.3256



7.8735, 0.6183, 0.3180



0.3812, 0.5685, 0.2905

Previews

White Background



This preview shows how the Yxy color 51.5248, 0.2903, 0.3355 looks on a white background.

Color Contrast Check

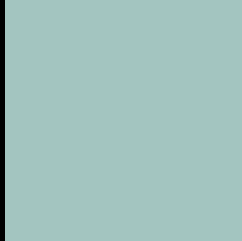
Large Text (above 18pt) WCAG AA × Fail

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 51.5248, 0.2903, 0.3355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

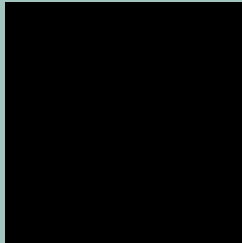
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5248, 0.2903, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 51.5248, 0.2903, 0.3355.

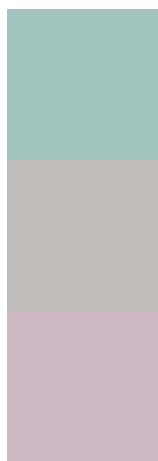


This preview shows how white text looks on a background with the Yxy color 51.5248, 0.2903, 0.3355.

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

51.5248, 0.2903, 0.3355

Protanopia

51.3205, 0.3176, 0.3315

Deuteranopia

51.3429, 0.3226, 0.3158



Tritanopia

51.3437, 0.2803, 0.3085

Trichromacy



Original Color

51.5248, 0.2903, 0.3355

Protanomaly

51.3185, 0.3069, 0.3328

Deuteranomaly

51.2374, 0.3097, 0.3228

Tritanomaly

51.3413, 0.2843, 0.3186

Monochromacy



Original Color

51.5248, 0.2903, 0.3355

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.9227, 0.3045, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5248, 0.2903, 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(163, 197, 192)` looks like.

```
.text, #text, p{  
    color:rgb(163, 197, 192)  
}
```

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, 197, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 197, 192) }
```

Border

The CSS property to change the border of an element to Yxy 51.5248, 0.2903, 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(163, 197, 192) }
```

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

```
.border{ border-color:rgb(163, 197, 192) }
```

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

Here you see how a box with a 4 pixel rgb(163, 197, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 197, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 197, 192);  
box-shadow:4px 4px 4px 4px rgb(163, 197,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5248, 0.2903, 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(163, 197, 192) }
```

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

```
.background{ background-color: rgb(163,  
197, 192) }
```

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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