

Converting Colors

Yxy(51.6635, 0.2826, 0.3254)

Have a look what the booklet for
Yxy(51.6635, 0.2826, 0.3254)
contains.

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Color

Yxy(51.5762, 0.2829, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	A0C5C8
RGB	160, 197, 200
RGB Percent	63%, 77%, 78%
CMY	0.3723, 0.2275, 0.2157
CMYK	0.20, 0.01, 0.00, 0.22
HSL	184°, 27%, 71%
HSV	184°, 20%, 78%
XYZ	44.8951, 51.5762, 62.2247
YIQ	186.2790, -23.0150, -6.9110

Conversions

Conversions Part 2

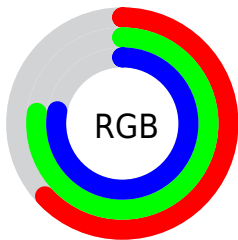
Format	Color
RYB	160, 179, 200
Decimal	10536392
CIELab	77.03, -11.58, -5.58
CIELCh	77, 12.856, 205.721
Yxy	51.5762, 0.2829, 0.3250
Android (android.graphics.Color)	4288726472 (0xFFA0C5C8)
YUV	186.2790, 6.7645, -23.0467
Hunter-Lab	71.8166, -14.0923, -1.0996

Details

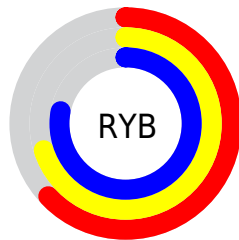
The Yxy color **51.5762, 0.2829, 0.3250** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0290, 0.3512, 0.3330**, and the grayscale version is **49.2442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5507, 0.2888, 0.3279**, and **24.9084, 0.2753, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **49.0017, 0.2692, 0.3228**, and if you desaturate by 10%, it is **54.4932, 0.2975, 0.3271**.

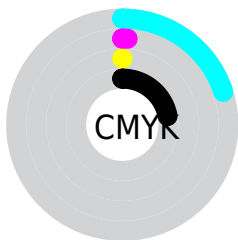
Distribution



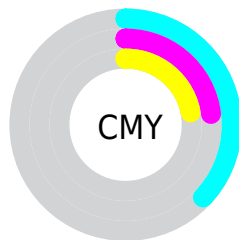
- Red (63%)
- Green (77%)
- Blue (78%)



- Red (63%)
- Yellow (70%)
- Blue (78%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)





- Cyan (37%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5762, 0.2829, 0.3250 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 51.5762, 0.2829, 0.3250 by changing the saturation by 10% instead.


 51.5762, 0.2829,
0.3250


 51.5762, 0.2829,
0.3250


392.7983, 0.2974,
0.3271

 36.6674, 0.2794,
0.3244

 92.5059, 0.2881,
0.3258

 24.9501, 0.2749,
0.3237


 119.2956, 0.2901,
0.3261

 16.0399, 0.2691,
0.3227


150.8144, 0.2918,
0.3263

 9.5524, 0.2612,
0.3212

187.4467, 0.2932,
0.3265

 5.1032, 0.2497,
0.3188

229.5768, 0.2945,
0.3267

 2.3079, 0.2318,
0.3147

277.5892, 0.2956,

 0.7779, 0.1828,

0.3269

0.3114

331.8682, 0.2966,
0.3270

0.0000, 0.0000,
0.0000

51.5762, 0.2829,
0.3250

51.5762, 0.2829,
0.3250

49.0017, 0.2692,
0.3228

54.4932, 0.2975,
0.3271

46.7477, 0.2568,
0.3204

57.7613, 0.3128,
0.3290

44.7990, 0.2459,
0.3179

61.3964, 0.3284,
0.3308

43.1370, 0.2367,
0.3154

65.4117, 0.3441,
0.3323

41.7407, 0.2293,
0.3129

68.8497, 0.3557,
0.3338

■ 40.5865, 0.2239,
0.3103

■ 69.5683, 0.3554,
0.3353

■ 39.6461, 0.2203,
0.3078

■ 70.2939, 0.3551,
0.3368

■ 38.8663, 0.2181,
0.3053

■ 71.0263, 0.3547,
0.3384

■ 38.8640, 0.2181,
0.3053

■ 71.7656, 0.3544,
0.3399

Harmonies

Analogous

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



51.5762, 0.2941, 0.3411



51.5762, 0.2829, 0.3250



51.5762, 0.2795, 0.3106

Triad

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



51.5762, 0.2829, 0.3250



51.5762, 0.3143, 0.3057



51.5762, 0.3412, 0.3565

Complementary

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



51.5762, 0.2829, 0.3250



41.0290, 0.3512, 0.3330

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.



51.5762, 0.3471, 0.3461



51.5762, 0.2829, 0.3250



51.5762, 0.3313, 0.3172

Square

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



51.5762, 0.2829, 0.3250



51.5762, 0.2973, 0.3000



51.5762, 0.3434, 0.3317



51.5762, 0.3277, 0.3596

Rectangle

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



51.5762, 0.2829, 0.3250



51.5762, 0.2820, 0.3039



51.5762, 0.3434, 0.3317



51.5762, 0.3442, 0.3537

Sweetspot

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



51.5783, 0.2829, 0.3250



96.4829, 0.3034, 0.3279



51.4164, 0.3083, 0.3797



20.5724, 0.3024, 0.3277



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.



51.5783, 0.2829, 0.3250



87.2896, 0.2768, 0.3240



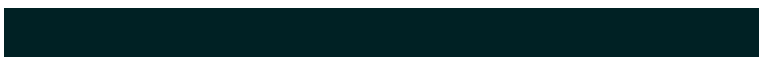
43.2346, 0.2813, 0.2986



11.9261, 0.2984, 0.3272



24.7724, 0.2182, 0.3056



1.2145, 0.2197, 0.3108

Inverse Universe

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



41.4687, 0.3176, 0.2834



66.6825, 0.3188, 0.2732



48.5541, 0.3464, 0.3576



10.8024, 0.3149, 0.3079



10.0408, 0.3405, 0.1649



0.4796, 0.3360, 0.1625

Previews

White Background



This preview shows how the Yxy color 51.5762, 0.2829, 0.3250 looks on a white background.

Color Contrast Check

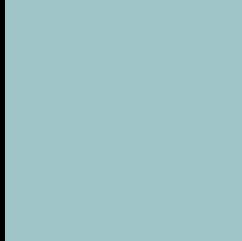
Large Text (above 18pt) WCAG AA × Fail

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 51.5762, 0.2829, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

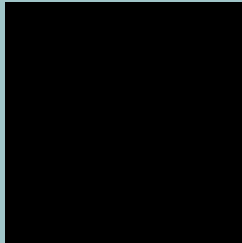
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

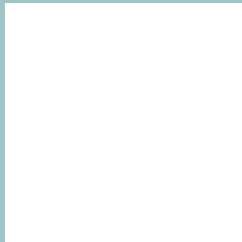
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5762, 0.2829, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 51.5762, 0.2829, 0.3250.

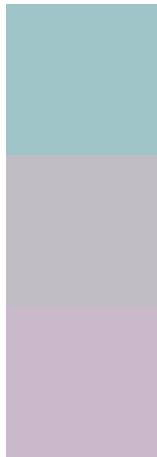


This preview shows how white text looks on a background with the Yxy color 51.5762, 0.2829, 0.3250.

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

51.5762, 0.2829, 0.3250

Protanopia

51.4117, 0.3098, 0.3215

Deuteranopia

51.1493, 0.3130, 0.3062



Tritanopia

51.4147, 0.2770, 0.3084

Trichromacy



Original Color

51.5762, 0.2829, 0.3250

Protanomaly

51.4338, 0.2995, 0.3226

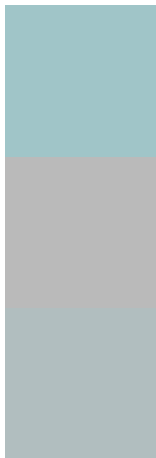
Deuteranomaly

51.2243, 0.3014, 0.3128

Tritanomaly

51.5619, 0.2789, 0.3147

Monochromacy



Original Color

51.5762, 0.2829, 0.3250

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.9356, 0.3015, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5762, 0.2829, 0.3250 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(160, 197, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 197, 200) }
```

Border

The CSS property to change the border of an element to Yxy 51.5762, 0.2829, 0.3250 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, 200) }
```

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

```
.border{ border-color:rgb(160, 197, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 197, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 197, 200);  
box-shadow:4px 4px 4px 4px rgb(160, 197,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5762, 0.2829, 0.3250 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, 200) }
```

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

```
.background{ background-color: rgb(160,  
197, 200) }
```

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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