

Converting Colors

$Y_{xy}(51.9003, 0.2677, 0.3237)$

Have a look what the booklet for
Yxy(51.9003, 0.2677, 0.3237)
contains.

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Color

Yxy(51.8438, 0.2677, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	8DC9CD
RGB	141, 201, 205
RGB Percent	55%, 79%, 80%
CMY	0.4468, 0.2118, 0.1960
CMYK	0.31, 0.02, 0.00, 0.20
HSL	184°, 39%, 68%
HSV	184°, 31%, 80%
XYZ	42.9013, 51.8438, 65.5139
YIQ	183.5160, -37.0440, -11.4760

Conversions

Conversions Part 2

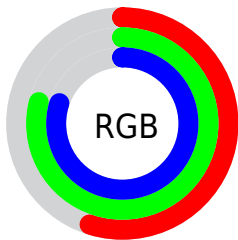
Format	Color
RYB	141, 172, 205
Decimal	9292237
CIELab	77.19, -18.13, -8.18
CIElCh	77, 19.885, 204.281
Yxy	51.8438, 0.2677, 0.3235
Android (android.graphics.Color)	4287482317 (0xFF8DC9CD)
YUV	183.5160, 10.5916, -37.2865
Hunter-Lab	72.0026, -19.6489, -3.5450

Details

The Yxy color **51.8438, 0.2677, 0.3235** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.1899, 0.3814, 0.3344**, and the grayscale version is **47.6176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **25.1765, 0.2560, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **49.6109, 0.2555, 0.3215**, and if you desaturate by 10%, it is **54.4186, 0.2812, 0.3254**.

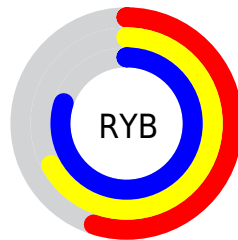
Distribution



Red (55%)

Green (79%)

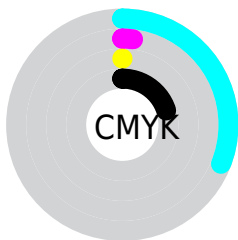
Blue (80%)



Red (55%)

Yellow (67%)

Blue (80%)

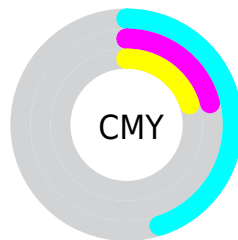


Cyan (31%)

Magenta (2%)

Yellow (0%)

Black (20%)



Cyan (45%)


Magenta (21%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8438, 0.2677, 0.3235 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 51.8438, 0.2677, 0.3235 by changing the saturation by 10% instead.


 51.8438, 0.2677,
0.3235

 51.8438, 0.2677,
0.3235


393.8333, 0.2895,
0.3266

 36.8806, 0.2625,
0.3226


 92.9008, 0.2755,
0.3247

 25.1150, 0.2559,
0.3215


 119.7635, 0.2784,
0.3251

 16.1628, 0.2473,
0.3199


151.3613, 0.2810,
0.3255

 9.6394, 0.2357,
0.3175

188.0788, 0.2831,
0.3258

 5.1605, 0.2193,
0.3137

230.3004, 0.2850,
0.3260

 2.3418, 0.1943,
0.3069

278.4104, 0.2867,

 0.7957, 0.1193,

0.3262

0.3026

332.7932, 0.2882,
0.3264

0.0000, 0.0000,
0.0000

51.8438, 0.2677,
0.3235

51.8438, 0.2677,
0.3235

49.6109, 0.2555,
0.3215

54.4186, 0.2812,
0.3254

47.6954, 0.2449,
0.3194

57.3461, 0.2957,
0.3272

46.0790, 0.2361,
0.3173

60.6442, 0.3109,
0.3288

44.7394, 0.2291,
0.3152

64.3277, 0.3265,
0.3303

43.6508, 0.2241,
0.3130

68.4107, 0.3423,
0.3317

■ 42.7824, 0.2209,
0.3109

■ 71.1423, 0.3510,
0.3329

■ 42.1510, 0.2192,
0.3091

■ 71.7779, 0.3507,
0.3342

■ 72.4186, 0.3505,
0.3356

■ 73.0645, 0.3502,
0.3369

Harmonies

Analogous

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



51.8438, 0.2850, 0.3489



51.8438, 0.2677, 0.3235



51.8438, 0.2620, 0.3011

Triad

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



51.8438, 0.2677, 0.3235



51.8438, 0.3135, 0.2931



51.8438, 0.3574, 0.3706

Complementary

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



51.8438, 0.2677, 0.3235



35.1899, 0.3814, 0.3344

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.



51.8438, 0.3661, 0.3536



51.8438, 0.2677, 0.3235



51.8438, 0.3402, 0.3098

Square

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



51.8438, 0.2677, 0.3235



51.8438, 0.2876, 0.2849



51.8438, 0.3598, 0.3316



51.8438, 0.3367, 0.3768

Rectangle

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



51.8438, 0.2677, 0.3235



51.8438, 0.2654, 0.2908



51.8438, 0.3598, 0.3316



51.8438, 0.3619, 0.3658

Sweetspot

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



51.8459, 0.2677, 0.3235



94.9849, 0.2988, 0.3275



51.3626, 0.3064, 0.4153



20.1675, 0.2966, 0.3273



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.



51.8459, 0.2677, 0.3235



82.5456, 0.2599, 0.3223



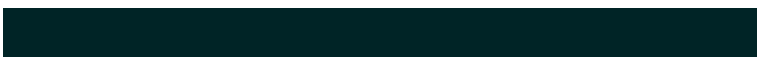
38.7710, 0.2626, 0.2800



12.6012, 0.2984, 0.3275



26.2882, 0.2193, 0.3094



1.3936, 0.2204, 0.3135

Inverse Universe

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



36.2702, 0.3201, 0.2565



53.4705, 0.3218, 0.2422



46.0534, 0.3695, 0.3734



11.3911, 0.3147, 0.3076



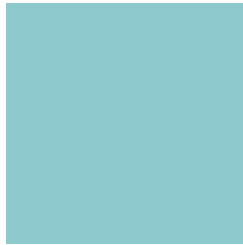
10.4568, 0.3372, 0.1631



0.5432, 0.3337, 0.1612

Previews

White Background



This preview shows how the Yxy color 51.8438, 0.2677, 0.3235 looks on a white background.

Color Contrast Check

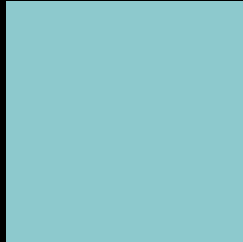
Large Text (above 18pt) WCAG AA × Fail

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 51.8438, 0.2677, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

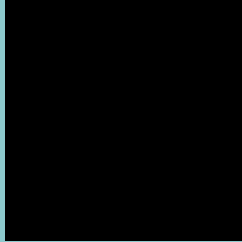
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

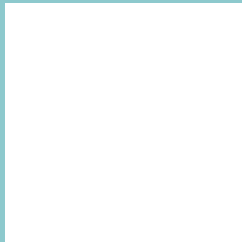
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8438, 0.2677, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 51.8438, 0.2677, 0.3235.



This preview shows how white text looks on a background with the Yxy color 51.8438, 0.2677, 0.3235.

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

51.8438, 0.2677, 0.3235

Protanopia

51.5488, 0.3076, 0.3179

Deuteranopia

51.5314, 0.3074, 0.3015



Tritanopia

51.6824, 0.2633, 0.3080

Trichromacy



Original Color

51.8438, 0.2677, 0.3235

Protanomaly

51.2412, 0.2914, 0.3187

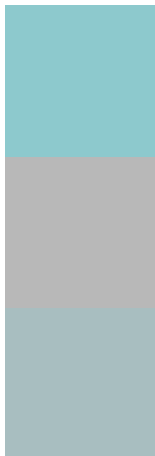
Deuteranomaly

51.3503, 0.2917, 0.3089

Tritanomaly

51.8513, 0.2652, 0.3144

Monochromacy



Original Color

51.8438, 0.2677, 0.3235

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.9575, 0.2938, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8438, 0.2677, 0.3235 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(141, 201, 205)` looks like.

```
.text, #text, p{  
    color:rgb(141, 201, 205)  
}
```

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(141, 201, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 201, 205) }
```

Border

The CSS property to change the border of an element to Yxy 51.8438, 0.2677, 0.3235 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(141, 201, 205) }
```

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

```
.border{ border-color:rgb(141, 201, 205) }
```

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

Here you see how a box with a 4 pixel rgb(141, 201, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 201, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 201, 205);  
box-shadow:4px 4px 4px 4px rgb(141, 201,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8438, 0.2677, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 201, 205) }
```

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

```
.background{ background-color: rgb(141,  
201, 205) }
```

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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