

Converting Colors

$Yxy(51.6672, 0.2911, 0.3230)$

Have a look what the booklet for
Yxy(51.6672, 0.2911, 0.3230)
contains.

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Color

Yxy(51.8117, 0.2914, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	ABC3C7
RGB	171, 195, 199
RGB Percent	67%, 76%, 78%
CMY	0.3292, 0.2353, 0.2196
CMYK	0.14, 0.02, 0.00, 0.22
HSL	189°, 20%, 73%
HSV	189°, 14%, 78%
XYZ	46.6273, 51.8117, 61.5724
YIQ	188.2800, -15.5880, -3.8440

Conversions

Conversions Part 2

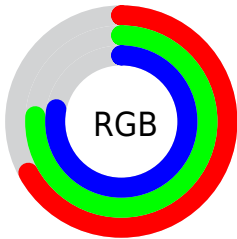
Format	Color
R_{YB}	171, 184, 199
Decimal	11256775
CIE Lab	77.17, -7.25, -4.75
CIE LCh	77, 8.667, 213.265
Yxy	51.8117, 0.2914, 0.3238
Android (android.graphics.Color)	4289446855 (0xFFABC3C7)
YUV	188.2800, 5.2850, -15.1546
Hunter-Lab	71.9803, -10.3371, -0.3308

Details

The Yxy color **51.8117, 0.2914, 0.3238** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.7692, 0.3377, 0.3341**, and the grayscale version is **50.4392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1717, 0.2957, 0.3259**, and **24.9456, 0.2853, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **48.4776, 0.2769, 0.3197**, and if you desaturate by 10%, it is **55.5110, 0.3065, 0.3276**.

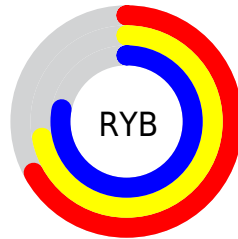
Distribution



Red (67%)

Green (76%)

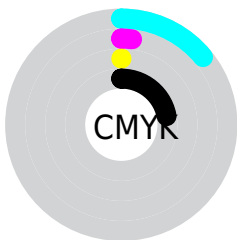
Blue (78%)



Red (67%)

Yellow (72%)

Blue (78%)

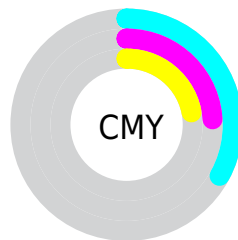


Cyan (14%)

Magenta (2%)

Yellow (0%)

Black (22%)



Cyan (33%)

Magenta (24%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8117, 0.2914, 0.3238 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 51.8117, 0.2914, 0.3238 by changing the saturation by 10% instead.

■ 51.8117, 0.2914,
0.3238

■ 51.8117, 0.2914,
0.3238

393.7092, 0.3018,
0.3264

■ 36.8550, 0.2889,
0.3231

■ 92.8535, 0.2951,
0.3248

■ 25.0952, 0.2857,
0.3223

119.7074, 0.2965,
0.3251

■ 16.1480, 0.2815,
0.3211

151.2957, 0.2977,
0.3254

■ 9.6290, 0.2757,
0.3195

188.0030, 0.2988,
0.3257

■ 5.1537, 0.2674,
0.3170

230.2136, 0.2997,
0.3259

■ 2.3377, 0.2544,
0.3128

278.3120, 0.3005,

■ 0.7936, 0.2232,

0.3261

0.3068

332.6823, 0.3012,
0.3263

■ 0.0000, 0.0000,
0.0000

■ 51.8117, 0.2914,
0.3238

■ 51.8117, 0.2914,
0.3238

■ 48.4776, 0.2769,
0.3197

■ 55.5110, 0.3065,
0.3276

■ 45.4871, 0.2632,
0.3153

■ 59.5832, 0.3219,
0.3310

■ 42.8262, 0.2507,
0.3106

■ 64.0438, 0.3374,
0.3341

■ 40.4771, 0.2396,
0.3058

■ 68.9056, 0.3526,
0.3368

■ 38.4205, 0.2303,
0.3008

■ 71.1096, 0.3554,
0.3397

■ 36.6346, 0.2228,
0.2957

■ 72.5244, 0.3548,
0.3426

■ 35.0942, 0.2172,
0.2906

■ 73.9644, 0.3542,
0.3454

■ 33.7690, 0.2135,
0.2856

■ 75.4298, 0.3536,
0.3483

■ 33.0477, 0.2119,
0.2826

■ 76.9206, 0.3530,
0.3512

Harmonies

Analogous

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



51.8117, 0.2979, 0.3345



51.8117, 0.2914, 0.3238



51.8117, 0.2905, 0.3148

Triad

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



51.8117, 0.2914, 0.3238



51.8117, 0.3169, 0.3148



51.8117, 0.3301, 0.3485

Complementary

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



51.8117, 0.2914, 0.3238



45.7692, 0.3377, 0.3341

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.



51.8117, 0.3354, 0.3428



51.8117, 0.2914, 0.3238



51.8117, 0.3277, 0.3234

Square

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



51.8117, 0.2914, 0.3238



51.8117, 0.3051, 0.3098



51.8117, 0.3345, 0.3336



51.8117, 0.3201, 0.3490

Rectangle

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



51.8117, 0.2914, 0.3238



51.8117, 0.2932, 0.3109



51.8117, 0.3345, 0.3336



51.8117, 0.3325, 0.3471

Sweetspot

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



51.8139, 0.2914, 0.3238



97.1870, 0.3065, 0.3276



52.5961, 0.3083, 0.3608



20.6914, 0.3053, 0.3273



0.0000, 0.0000, 0.0000



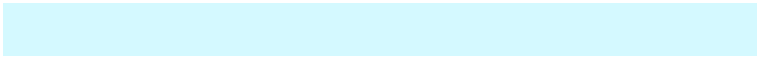
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8139, 0.2914, 0.3238



88.7836, 0.2867, 0.3225



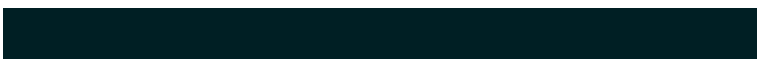
45.9590, 0.2908, 0.3059



11.7983, 0.2984, 0.3256



21.3500, 0.2120, 0.2833



1.0838, 0.2149, 0.2938

Inverse Universe

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



45.2296, 0.3177, 0.2995



74.9983, 0.3189, 0.2925



51.3728, 0.3353, 0.3511



10.7895, 0.3159, 0.3094



9.6953, 0.3604, 0.1759



0.4664, 0.3510, 0.1707

Previews

White Background



This preview shows how the Yxy color 51.8117, 0.2914, 0.3238 looks on a white background.

Color Contrast Check

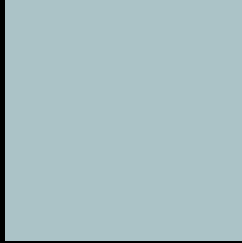
Large Text (above 18pt) WCAG AA × Fail

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 51.8117, 0.2914, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

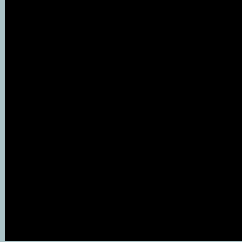
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

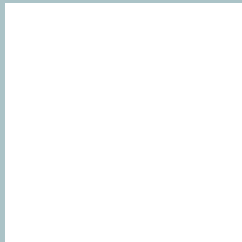
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8117, 0.2914, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 51.8117, 0.2914, 0.3238.



This preview shows how white text looks on a background with the Yxy color 51.8117, 0.2914, 0.3238.

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

51.8117, 0.2914, 0.3238

Protanopia

51.5872, 0.3099, 0.3203

Deuteranopia

51.7523, 0.3161, 0.3099



Tritanopia

51.6276, 0.2859, 0.3088

Trichromacy



Original Color

51.8117, 0.2914, 0.3238

Protanomaly

51.4832, 0.3027, 0.3214

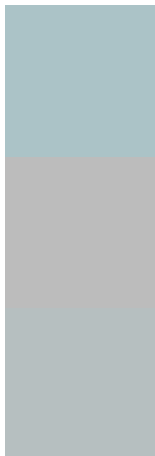
Deuteranomaly

51.7718, 0.3069, 0.3155

Tritanomaly

51.7620, 0.2880, 0.3150

Monochromacy



Original Color

51.8117, 0.2914, 0.3238

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.0125, 0.3047, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8117, 0.2914, 0.3238 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(171, 195, 199)` looks like.

```
.text, #text, p{  
    color:rgb(171, 195, 199)  
}
```

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(171, 195, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 195, 199) }
```

Border

The CSS property to change the border of an element to Yxy 51.8117, 0.2914, 0.3238 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(171, 195, 199) }
```

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

```
.border{ border-color:rgb(171, 195, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 195, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(171, 195,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8117, 0.2914, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 195, 199) }
```

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

```
.background{ background-color: rgb(171,  
195, 199) }
```

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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