

Converting Colors

$Y_{xy}(51.6020, 0.2982, 0.3304)$

Have a look what the booklet for
Yxy(51.6020, 0.2982, 0.3304)
contains.

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Color

Yxy(51.5478, 0.2985, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	AFC2C1
RGB	175, 194, 193
RGB Percent	69%, 76%, 76%
CMY	0.3137, 0.2392, 0.2430
CMYK	0.10, 0.00, 0.00, 0.24
HSL	177°, 13%, 72%
HSV	177°, 10%, 76%
XYZ	46.5991, 51.5478, 57.9640
YIQ	188.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

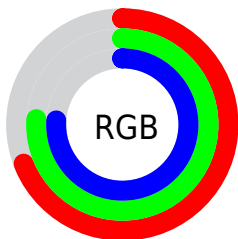
Format	Color
R _Y B	175, 185, 194
Decimal	11518657
CIE Lab	77.01, -6.64, -1.73
CIE LCh	77, 6.865, 194.604
Yxy	51.5478, 0.2985, 0.3302
Android (android.graphics.Color)	4289708737 (0xFFAFC2C1)
YUV	188.2050, 2.3639, -11.5808
Hunter-Lab	71.7968, -9.7905, 2.3910

Details

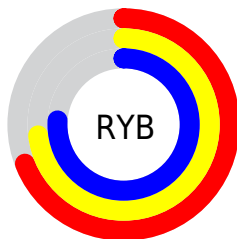
The Yxy color **51.5478, 0.2985, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.2628, 0.3289, 0.3278**, and the grayscale version is **50.4049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1997, 0.3015, 0.3300**, and **24.7872, 0.2938, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **49.4200, 0.2847, 0.3315**, and if you desaturate by 10%, it is **54.0027, 0.3130, 0.3290**.

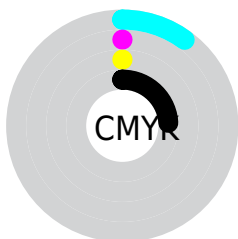
Distribution



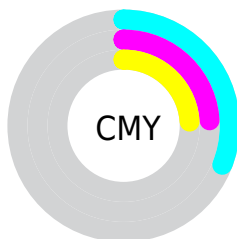
- Red (69%)
- Green (76%)
- Blue (76%)



- Red (69%)
- Yellow (73%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5478, 0.2985, 0.3302 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 51.5478, 0.2985, 0.3302 by changing the saturation by 10% instead.

■ 51.5478, 0.2985,
0.3302

■ 51.5478, 0.2985,
0.3302

392.6884, 0.3055,
0.3297

■ 36.6448, 0.2968,
0.3303

■ 92.4640, 0.3010,
0.3300

■ 24.9326, 0.2946,
0.3305

119.2459, 0.3020,
0.3299

■ 16.0268, 0.2918,
0.3307

150.7563, 0.3028,
0.3299

■ 9.5431, 0.2879,
0.3309

187.3795, 0.3035,
0.3298

■ 5.0971, 0.2822,
0.3313

229.4999, 0.3041,
0.3298

■ 2.3044, 0.2731,
0.3317

277.5019, 0.3046,

■ 0.7760, 0.2483,

0.3297

0.3349

331.7700, 0.3051,
0.3297

0.0000, 0.0000,
0.0000

51.5478, 0.2985,
0.3302

51.5478, 0.2985,
0.3302

49.4200, 0.2847,
0.3315

54.0027, 0.3130,
0.3290

47.5992, 0.2720,
0.3330

56.7911, 0.3280,
0.3279

46.0728, 0.2607,
0.3345

59.9273, 0.3432,
0.3269

44.8250, 0.2509,
0.3361

63.4228, 0.3584,
0.3260

43.8385, 0.2429,
0.3378

63.9206, 0.3596,
0.3250

■ 43.0939, 0.2367,
0.3395

■ 63.9664, 0.3588,
0.3240

■ 42.5692, 0.2325,
0.3412

■ 64.0126, 0.3580,
0.3230

■ 42.2386, 0.2301,
0.3428

■ 64.0590, 0.3572,
0.3219

■ 42.0529, 0.2291,
0.3445

■ 64.1057, 0.3564,
0.3209

Harmonies

Analogous

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



51.5478, 0.3058, 0.3383



51.5478, 0.2985, 0.3302



51.5478, 0.2949, 0.3219

Triad

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



51.5478, 0.2985, 0.3302



51.5478, 0.3101, 0.3148



51.5478, 0.3296, 0.3421

Complementary

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



51.5478, 0.2985, 0.3302



45.2628, 0.3289, 0.3278

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.



51.5478, 0.3308, 0.3357



51.5478, 0.2985, 0.3302



51.5478, 0.3195, 0.3200

Square

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



51.5478, 0.2985, 0.3302



51.5478, 0.3016, 0.3132



51.5478, 0.3271, 0.3276



51.5478, 0.3238, 0.3452

Rectangle

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



51.5478, 0.2985, 0.3302



51.5478, 0.2952, 0.3175



51.5478, 0.3271, 0.3276



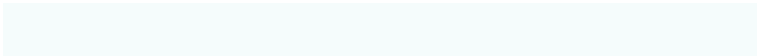
51.5478, 0.3306, 0.3403

Sweetspot

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



51.5500, 0.2985, 0.3302



96.3264, 0.3082, 0.3294



50.9407, 0.3126, 0.3539



21.0136, 0.3070, 0.3295



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.



51.5500, 0.2985, 0.3302



92.4171, 0.2951, 0.3305



48.0290, 0.2977, 0.3183



11.4193, 0.2991, 0.3301



27.6495, 0.2290, 0.3443



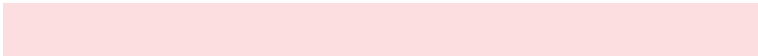
1.1974, 0.2279, 0.3406

Inverse Universe

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



45.2628, 0.3289, 0.3278



78.4706, 0.3334, 0.3275



48.5282, 0.3286, 0.3395



10.0860, 0.3281, 0.3279



7.5587, 0.6337, 0.3265



0.3295, 0.6112, 0.3141

Previews

White Background



This preview shows how the Yxy color 51.5478, 0.2985, 0.3302 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 51.5478, 0.2985, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

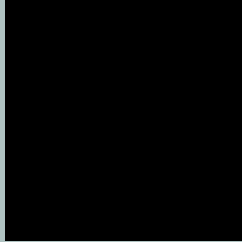
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

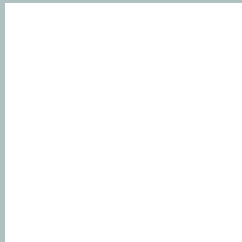
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5478, 0.2985, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 51.5478, 0.2985, 0.3302.

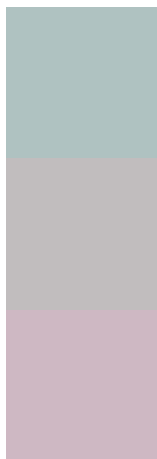


This preview shows how white text looks on a background with the Yxy color 51.5478, 0.2985, 0.3302.

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

51.5478, 0.2985, 0.3302

Protanopia

51.4504, 0.3152, 0.3278

Deuteranopia

51.3429, 0.3226, 0.3158



Tritanopia

51.5514, 0.2902, 0.3101

Trichromacy



Original Color

51.5478, 0.2985, 0.3302

Protanomaly

51.4623, 0.3087, 0.3290

Deuteranomaly

51.4636, 0.3139, 0.3216

Tritanomaly

51.6343, 0.2930, 0.3175

Monochromacy



Original Color

51.5478, 0.2985, 0.3302

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6119, 0.3070, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5478, 0.2985, 0.3302 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(175, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(175, 194, 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(175, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 194, 193) }
```

Border

The CSS property to change the border of an element to Yxy 51.5478, 0.2985, 0.3302 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(175, 194, 193) }
```

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

```
.border{ border-color:rgb(175, 194, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 194, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 194, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 194, 193);  
box-shadow:4px 4px 4px 4px rgb(175, 194,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5478, 0.2985, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 194, 193) }
```

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

```
.background{ background-color: rgb(175,  
194, 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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