

Converting Colors

$Yxy(51.3878, 0.3010, 0.3304)$

Have a look what the booklet for
Yxy(51.3878, 0.3010, 0.3304)
contains.

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Color

Yxy(51.2928, 0.3008, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	B1C1C0
RGB	177, 193, 192
RGB Percent	69%, 76%, 75%
CMY	0.3057, 0.2432, 0.2470
CMYK	0.08, 0.00, 0.01, 0.24
HSL	176°, 11%, 73%
HSV	176°, 8%, 76%
XYZ	46.7258, 51.2928, 57.3199
YIQ	188.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

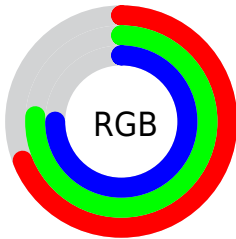
Format	Color
R _Y B	177, 185, 193
Decimal	11649472
CIE Lab	76.86, -5.62, -1.39
CIE LCh	77, 5.794, 193.914
Yxy	51.2928, 0.3008, 0.3302
Android (android.graphics.Color)	4289839552 (0xFFB1C1C0)
YUV	188.1020, 1.9217, -9.7365
Hunter-Lab	71.6190, -8.8758, 2.6808

Details

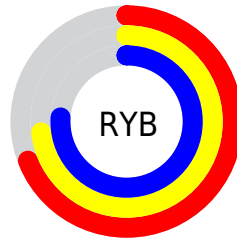
The Yxy color **51.2928, 0.3008, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0146, 0.3260, 0.3278**, and the grayscale version is **50.3491, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8523, 0.3033, 0.3300**, and **24.9053, 0.2968, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **49.1342, 0.2870, 0.3318**, and if you desaturate by 10%, it is **53.7766, 0.3153, 0.3288**.

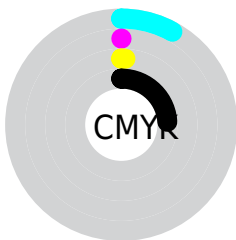
Distribution



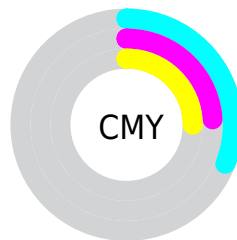
- Red (69%)
- Green (76%)
- Blue (75%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2928, 0.3008, 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 51.2928, 0.3008, 0.3302 by changing the saturation by 10% instead.

■ 51.2928, 0.3008,
0.3302

■ 51.2928, 0.3008,
0.3302

391.7003, 0.3067,
0.3296

■ 36.4417, 0.2994,
0.3303

■ 92.0874, 0.3029,
0.3300

■ 24.7755, 0.2975,
0.3305

118.7997, 0.3037,
0.3299

■ 15.9099, 0.2952,
0.3307

150.2346, 0.3044,
0.3299

■ 9.4604, 0.2919,
0.3310

186.7763, 0.3050,
0.3298

■ 5.0427, 0.2870,
0.3314

228.8094, 0.3055,
0.3298

■ 2.2723, 0.2794,
0.3319

276.7181, 0.3059,

■ 0.7590, 0.2577,

0.3297

0.3348

330.8870, 0.3063,
0.3297

0.0000, 0.0000,
0.0000

51.2928, 0.3008,
0.3302

51.2928, 0.3008,
0.3302

49.1342, 0.2870,
0.3318

53.7766, 0.3153,
0.3288

47.2811, 0.2743,
0.3335

56.5918, 0.3302,
0.3275

45.7211, 0.2628,
0.3353

59.7524, 0.3452,
0.3263

44.4390, 0.2528,
0.3372

63.2698, 0.3603,
0.3253

43.4177, 0.2446,
0.3392

63.4665, 0.3599,
0.3241

■ 42.6386, 0.2382,
0.3412

■ 63.5206, 0.3590,
0.3229

■ 42.0805, 0.2337,
0.3432

■ 63.5752, 0.3580,
0.3217

■ 41.7186, 0.2311,
0.3452

■ 63.6301, 0.3570,
0.3205

■ 41.5137, 0.2300,
0.3472

■ 63.6855, 0.3561,
0.3193

Harmonies

Analogous

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



51.2928, 0.3071, 0.3370



51.2928, 0.3008, 0.3302



51.2928, 0.2977, 0.3232

Triad

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



51.2928, 0.3008, 0.3302



51.2928, 0.3104, 0.3169



51.2928, 0.3271, 0.3400

Complementary

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



51.2928, 0.3008, 0.3302



46.0146, 0.3260, 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.



51.2928, 0.3280, 0.3345



51.2928, 0.3008, 0.3302



51.2928, 0.3183, 0.3213

Square

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



51.2928, 0.3008, 0.3302



51.2928, 0.3032, 0.3156



51.2928, 0.3248, 0.3277



51.2928, 0.3223, 0.3426

Rectangle

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



51.2928, 0.3008, 0.3302



51.2928, 0.2978, 0.3194



51.2928, 0.3248, 0.3277



51.2928, 0.3279, 0.3384

Sweetspot

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



51.2950, 0.3008, 0.3302



94.5808, 0.3097, 0.3293



50.7897, 0.3126, 0.3498



20.3007, 0.3099, 0.3293



97.7402, 0.3127, 0.3290



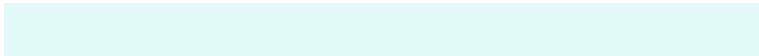
20.4902, 0.3127, 0.3290

Same Dimension

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



51.2950, 0.3008, 0.3302



91.1035, 0.2981, 0.3305



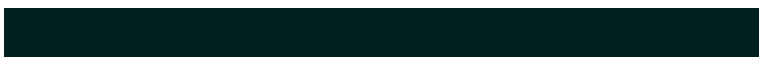
48.3550, 0.3001, 0.3200



11.4176, 0.2992, 0.3304



27.5992, 0.2298, 0.3473



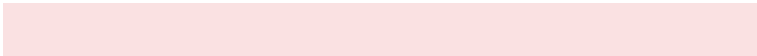
1.1957, 0.2286, 0.3428

Inverse Universe

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



46.0146, 0.3260, 0.3278



79.6216, 0.3294, 0.3275



48.7753, 0.3259, 0.3378



10.0876, 0.3280, 0.3276



7.5621, 0.6326, 0.3258



0.3302, 0.6062, 0.3113

Previews

White Background



This preview shows how the Yxy color 51.2928, 0.3008, 0.3302 looks on a white background.

Color Contrast Check

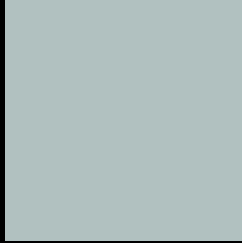
Large Text (above 18pt) WCAG AA × Fail

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 51.2928, 0.3008, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

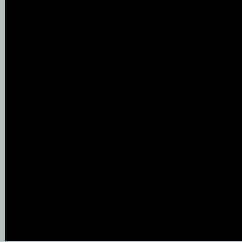
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

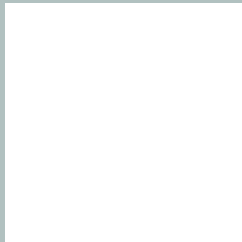
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2928, 0.3008, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 51.2928, 0.3008, 0.3302.

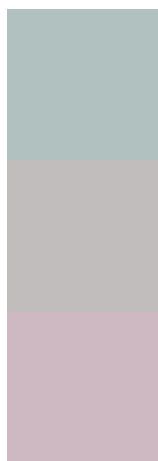


This preview shows how white text looks on a background with the Yxy color 51.2928, 0.3008, 0.3302.

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

51.2928, 0.3008, 0.3302

Protanopia

51.4068, 0.3160, 0.3290

Deuteranopia

51.2978, 0.3234, 0.3170



Tritanopia

51.3015, 0.2924, 0.3101

Trichromacy



Original Color

51.2928, 0.3008, 0.3302

Protanomaly

51.1094, 0.3103, 0.3290

Deuteranomaly

50.9930, 0.3147, 0.3216

Tritanomaly

51.3813, 0.2951, 0.3176

Monochromacy



Original Color

51.2928, 0.3008, 0.3302

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6914, 0.3086, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2928, 0.3008, 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(177, 193, 192)` looks like.

```
.text, #text, p{  
    color:rgb(177, 193, 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(177, 193, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 193, 192) }
```

Border

The CSS property to change the border of an element to Yxy 51.2928, 0.3008, 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(177, 193, 192) }
```

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

```
.border{ border-color:rgb(177, 193, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 193, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(177, 193,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2928, 0.3008, 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(177, 193, 192) }
```

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

```
.background{ background-color: rgb(177,  
193, 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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