

Converting Colors

$Yxy(51.2954, 0.2999, 0.3237)$

Have a look what the booklet for
Yxy(51.2954, 0.2999, 0.3237)
contains.

Yxy(51.3881, 0.3002, 0.3239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.3881, 0.3002, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	B4C0C4
RGB	180, 192, 196
RGB Percent	71%, 75%, 77%
CMY	0.2943, 0.2470, 0.2313
CMYK	0.08, 0.02, 0.00, 0.23
HSL	195°, 12%, 74%
HSV	195°, 8%, 77%
XYZ	47.6280, 51.3881, 59.6381
YIQ	188.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

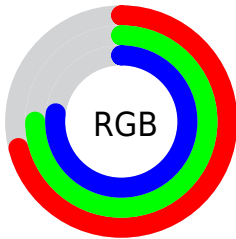
Format	Color
R _Y B	180, 187, 196
Decimal	11845828
CIE Lab	76.91, -3.35, -3.44
CIE LCh	77, 4.802, 225.794
Yxy	51.3881, 0.3002, 0.3239
Android (android.graphics.Color)	4290035908 (0xFFB4C0C4)
YUV	188.8680, 3.5161, -7.7772
Hunter-Lab	71.6855, -6.8538, 0.8540

Details

The Yxy color **51.3881, 0.3002, 0.3239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2882, 0.3262, 0.3340**, and the grayscale version is **50.7900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0595, 0.3023, 0.3240**, and **24.9303, 0.2970, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **47.0974, 0.2850, 0.3171**, and if you desaturate by 10%, it is **56.0867, 0.3155, 0.3301**.

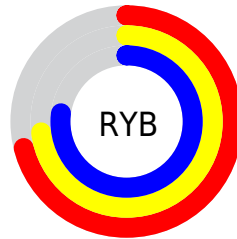
Distribution



Red (71%)

Green (75%)

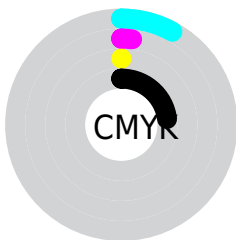
Blue (77%)



Red (71%)

Yellow (73%)

Blue (77%)

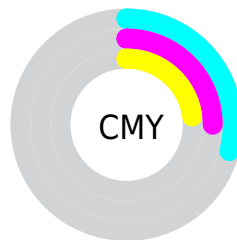


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (23%)



Cyan (29%)

Magenta (25%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3881, 0.3002, 0.3239 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 51.3881, 0.3002, 0.3239 by changing the saturation by 10% instead.

■ 51.3881, 0.3002,
0.3239

■ 51.3881, 0.3002,
0.3239

392.0698, 0.3063,
0.3264

■ 36.5176, 0.2987,
0.3233

■ 92.2282, 0.3024,
0.3248

■ 24.8342, 0.2968,
0.3225

118.9665, 0.3032,
0.3252

■ 15.9536, 0.2943,
0.3214

150.4296, 0.3040,
0.3255

■ 9.4913, 0.2909,
0.3199

187.0018, 0.3046,
0.3257

■ 5.0630, 0.2858,
0.3177

229.0675, 0.3051,
0.3259

■ 2.2843, 0.2779,
0.3141

277.0112, 0.3056,

■ 0.7654, 0.2594,

0.3261

0.3075

331.2171, 0.3060,
0.3263

0.0000, 0.0000,
0.0000

51.3881, 0.3002,
0.3239

51.3881, 0.3002,
0.3239

47.0974, 0.2850,
0.3171

56.0867, 0.3155,
0.3301

43.1935, 0.2702,
0.3097

61.2003, 0.3306,
0.3356

39.6629, 0.2562,
0.3017

66.7442, 0.3454,
0.3405

36.4890, 0.2431,
0.2933

72.0888, 0.3572,
0.3450

33.6535, 0.2314,
0.2844

74.5549, 0.3561,
0.3500

■ 31.1363, 0.2213,
0.2753

■ 77.0952, 0.3550,
0.3548

■ 28.9146, 0.2131,
0.2661

■ 79.7101, 0.3539,
0.3597

■ 26.9619, 0.2069,
0.2569

■ 82.4005, 0.3528,
0.3644

■ 25.2376, 0.2024,
0.2477

■ 85.1668, 0.3518,
0.3691

Harmonies

Analogous

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



51.3881, 0.3026, 0.3296



51.3881, 0.3002, 0.3239



51.3881, 0.3011, 0.3196

Triad

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



51.3881, 0.3002, 0.3239



51.3881, 0.3177, 0.3229



51.3881, 0.3203, 0.3403

Complementary

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



51.3881, 0.3002, 0.3239



49.2882, 0.3262, 0.3340

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.



51.3881, 0.3244, 0.3383



51.3881, 0.3002, 0.3239



51.3881, 0.3229, 0.3283

Square

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



51.3881, 0.3002, 0.3239



51.3881, 0.3112, 0.3191



51.3881, 0.3254, 0.3339



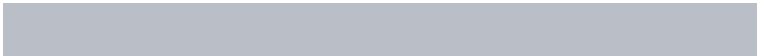
51.3881, 0.3142, 0.3392

Rectangle

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



51.3881, 0.3002, 0.3239



51.3881, 0.3035, 0.3182



51.3881, 0.3254, 0.3339



51.3881, 0.3220, 0.3400

Sweetspot

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



51.3903, 0.3002, 0.3239



98.2391, 0.3096, 0.3278



52.6298, 0.3090, 0.3448



21.0457, 0.3098, 0.3278



0.0000, 0.0000, 0.0000



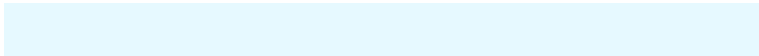
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3903, 0.3002, 0.3239



91.5016, 0.2972, 0.3226



48.0617, 0.3002, 0.3139



10.9905, 0.2984, 0.3231



16.1645, 0.2021, 0.2474



0.8020, 0.2077, 0.2677

Inverse Universe

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



48.1667, 0.3168, 0.3140



84.3941, 0.3179, 0.3104



52.6101, 0.3252, 0.3437



10.2033, 0.3175, 0.3119



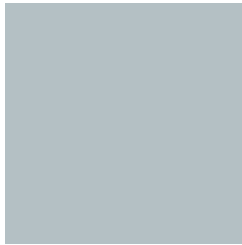
8.9140, 0.3949, 0.1949



0.3956, 0.3750, 0.1840

Previews

White Background



This preview shows how the Yxy color 51.3881, 0.3002, 0.3239 looks on a white background.

Color Contrast Check

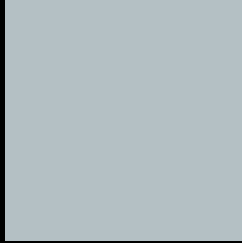
Large Text (above 18pt) WCAG AA × Fail

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 51.3881, 0.3002, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

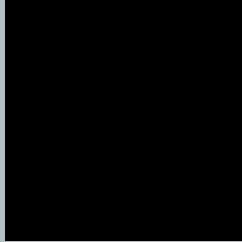
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

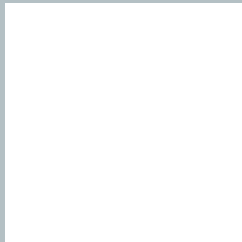
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3881, 0.3002, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 51.3881, 0.3002, 0.3239.

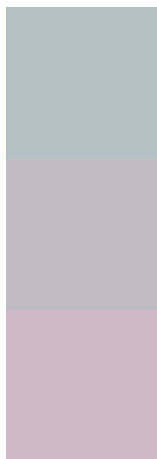


This preview shows how white text looks on a background with the Yxy color 51.3881, 0.3002, 0.3239.

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

51.3881, 0.3002, 0.3239

Protanopia

51.4967, 0.3114, 0.3228

Deuteranopia

51.1956, 0.3185, 0.3122



Tritanopia

51.6629, 0.2947, 0.3103

Trichromacy



Original Color

51.3881, 0.3002, 0.3239

Protanomaly

51.4584, 0.3073, 0.3227

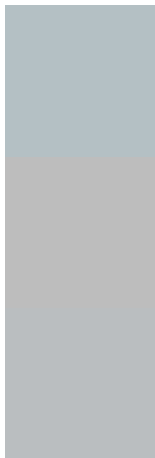
Deuteranomaly

51.1740, 0.3116, 0.3167

Tritanomaly

51.3496, 0.2967, 0.3151

Monochromacy



Original Color

51.3881, 0.3002, 0.3239

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0718, 0.3080, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3881, 0.3002, 0.3239 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(180, 192, 196)` looks like.

```
.text, #text, p{  
    color:rgb(180, 192, 196)  
}
```

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(180, 192, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 192, 196) }
```

Border

The CSS property to change the border of an element to Yxy 51.3881, 0.3002, 0.3239 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(180, 192, 196) }
```

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

```
.border{ border-color:rgb(180, 192, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 192, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 192, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 192, 196);  
box-shadow:4px 4px 4px 4px rgb(180, 192,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3881, 0.3002, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 192, 196) }
```

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

```
.background{ background-color: rgb(180,  
192, 196) }
```

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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