

Converting Colors

Yxy(51.6806, 0.3041, 0.3425)

Have a look what the booklet for
Yxy(51.6806, 0.3041, 0.3425)
contains.

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Color

Yxy(51.6470, 0.3042, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	AFC3B9
RGB	175, 195, 185
RGB Percent	69%, 76%, 73%
CMY	0.3138, 0.2353, 0.2744
CMYK	0.10, 0.00, 0.05, 0.24
HSL	150°, 14%, 73%
HSV	150°, 10%, 76%
XYZ	45.9521, 51.6470, 53.4597
YIQ	187.8800, -8.7100, -7.3500

Conversions

Conversions Part 2

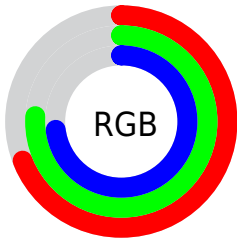
Format	Color
RYB	175, 188, 195
Decimal	11518905
CIELab	77.07, -8.73, 2.68
CIELCh	77, 9.137, 162.916
Yxy	51.6470, 0.3042, 0.3419
Android (android.graphics.Color)	4289708985 (0xFFAFC3B9)
YUV	187.8800, -1.4198, -11.2958
Hunter-Lab	71.8658, -11.6297, 6.2013

Details

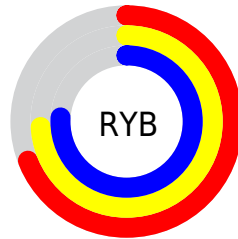
The Yxy color **51.6470, 0.3042, 0.3419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.7617, 0.3222, 0.3164**, and the grayscale version is **50.2310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9606, 0.3060, 0.3401**, and **24.8533, 0.3014, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **49.1566, 0.2961, 0.3560**, and if you desaturate by 10%, it is **54.4957, 0.3125, 0.3293**.

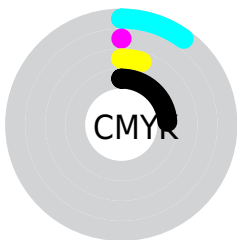
Distribution



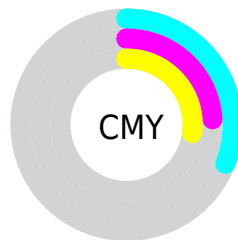
- Red (69%)
- Green (76%)
- Blue (73%)



- Red (69%)
- Yellow (74%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6470, 0.3042, 0.3419 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 51.6470, 0.3042, 0.3419 by changing the saturation by 10% instead.

■ 51.6470, 0.3042,
0.3419

■ 51.6470, 0.3042,
0.3419

393.0723, 0.3084,
0.3355

■ 36.7238, 0.3032,
0.3435

■ 92.6104, 0.3057,
0.3396

■ 24.9937, 0.3018,
0.3455

119.4194, 0.3063,
0.3387

■ 16.0724, 0.3001,
0.3482

150.9592, 0.3068,
0.3380

■ 9.5754, 0.2976,
0.3519

187.6140, 0.3072,
0.3373

■ 5.1183, 0.2940,
0.3575

229.7683, 0.3076,
0.3368

■ 2.3169, 0.2882,
0.3665

277.8066, 0.3079,

■ 0.7826, 0.2683,

0.3363

0.3957

332.1131, 0.3082,
0.3359

0.0000, 0.0000,
0.0000

51.6470, 0.3042,
0.3419

51.6470, 0.3042,
0.3419

49.1566, 0.2961,
0.3560

54.4957, 0.3125,
0.3293

47.0035, 0.2885,
0.3715

57.7097, 0.3208,
0.3181

45.1743, 0.2817,
0.3883

61.3042, 0.3291,
0.3082

43.6525, 0.2760,
0.4064

65.2913, 0.3371,
0.2996

42.4196, 0.2717,
0.4254

66.2121, 0.3312,
0.2902

■ 41.4555, 0.2691,
0.4449

■ 66.7853, 0.3239,
0.2810

■ 40.7370, 0.2684,
0.4644

■ 67.3897, 0.3168,
0.2720

■ 40.2370, 0.2697,
0.4833

■ 67.5121, 0.3155,
0.2703

■ 39.9096, 0.2725,
0.5009

Harmonies

Analogous

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



51.6470, 0.3165, 0.3490



51.6470, 0.3042, 0.3419



51.6470, 0.2943, 0.3312

Triad

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



51.6470, 0.3042, 0.3419



51.6470, 0.2974, 0.3081



51.6470, 0.3368, 0.3372

Complementary

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



51.6470, 0.3042, 0.3419



45.7617, 0.3222, 0.3164

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.



51.6470, 0.3314, 0.3265



51.6470, 0.3042, 0.3419



51.6470, 0.3085, 0.3100

Square

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



51.6470, 0.3042, 0.3419



51.6470, 0.2904, 0.3117



51.6470, 0.3210, 0.3166



51.6470, 0.3355, 0.3460

Rectangle

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



51.6470, 0.3042, 0.3419



51.6470, 0.2903, 0.3236



51.6470, 0.3210, 0.3166



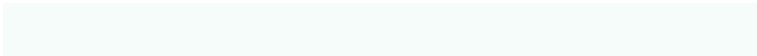
51.6470, 0.3357, 0.3337

Sweetspot

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



51.6492, 0.3042, 0.3419



96.1133, 0.3102, 0.3327



52.4411, 0.3196, 0.3546



20.9546, 0.3095, 0.3337



0.0000, 0.0000, 0.0000



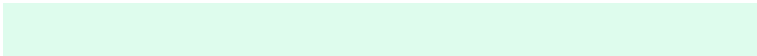
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6492, 0.3042, 0.3419



91.5926, 0.3026, 0.3445



52.0856, 0.2971, 0.3290



11.3412, 0.3049, 0.3407



25.9549, 0.2718, 0.4985



1.1354, 0.2604, 0.4575

Inverse Universe

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



45.7617, 0.3222, 0.3164



79.2347, 0.3242, 0.3140



45.3550, 0.3306, 0.3291



10.1598, 0.3213, 0.3176



8.1215, 0.4943, 0.2497



0.3648, 0.4455, 0.2228

Previews

White Background



This preview shows how the Yxy color 51.6470, 0.3042, 0.3419 looks on a white background.

Color Contrast Check

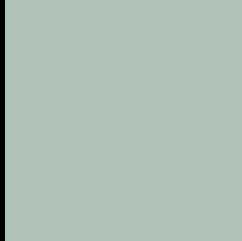
Large Text (above 18pt) WCAG AA × Fail

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 51.6470, 0.3042, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

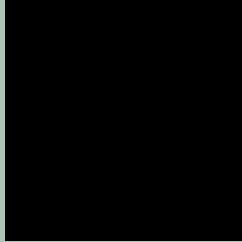
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

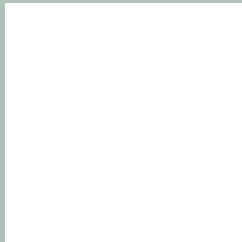
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6470, 0.3042, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 51.6470, 0.3042, 0.3419.



This preview shows how white text looks on a background with the Yxy color 51.6470, 0.3042, 0.3419.

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

51.6470, 0.3042, 0.3419

Protanopia

51.3747, 0.3231, 0.3378

Deuteranopia

51.4241, 0.3317, 0.3255



Tritanopia

51.7880, 0.2917, 0.3102

Trichromacy



Original Color

51.6470, 0.3042, 0.3419

Protanomaly

51.3719, 0.3163, 0.3391

Deuteranomaly

51.3819, 0.3218, 0.3315

Tritanomaly

51.7284, 0.2966, 0.3214

Monochromacy



Original Color

51.6470, 0.3042, 0.3419

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.9167, 0.3092, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6470, 0.3042, 0.3419 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, 195, 185)` looks like.

```
.text, #text, p{  
    color:rgb(175, 195, 185)  
}
```

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, 195, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 195, 185) }
```

Border

The CSS property to change the border of an element to Yxy 51.6470, 0.3042, 0.3419 is called "border". The border property can be set on classes, ids or directly on the HTML element.

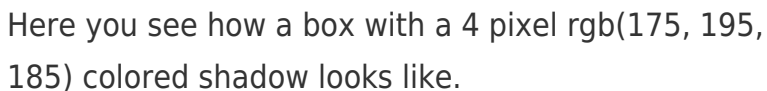
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 195, 185) }
```

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

```
.border{ border-color:rgb(175, 195, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 195, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 195, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 195, 185); box-shadow:4px 4px 4px 4px rgb(175, 195, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6470, 0.3042, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 195, 185) }
```

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

```
.background{ background-color: rgb(175,  
195, 185) }
```

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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