

Converting Colors

Yxy(51.9136, 0.3107, 0.3468)

Have a look what the booklet for
Yxy(51.9136, 0.3107, 0.3468)
contains.

Yxy(51.9501, 0.3103, 0.3470)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.9501, 0.3103, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	B3C3B5
RGB	179, 195, 181
RGB Percent	70%, 76%, 71%
CMY	0.2979, 0.2353, 0.2901
CMYK	0.08, 0.00, 0.07, 0.24
HSL	127°, 12%, 73%
HSV	127°, 8%, 76%
XYZ	46.4557, 51.9501, 51.3063
YIQ	188.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

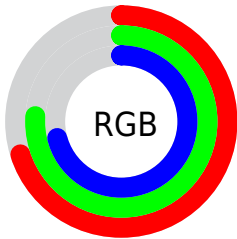
Format	Color
RYB	179, 193, 195
Decimal	11781045
CIELab	77.25, -8.09, 5.15
CIELCh	77, 9.586, 147.540
Yxy	51.9501, 0.3103, 0.3470
Android (android.graphics.Color)	4289971125 (0xFFB3C3B5)
YUV	188.6200, -3.7567, -8.4367
Hunter-Lab	72.0764, -11.0845, 8.2489

Details

The Yxy color **51.9501, 0.3103, 0.3470** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7110, 0.3152, 0.3116**, and the grayscale version is **50.6904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3974, 0.3108, 0.3441**, and **25.0439, 0.3095, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **49.1311, 0.3073, 0.3717**, and if you desaturate by 10%, it is **55.1881, 0.3132, 0.3252**.

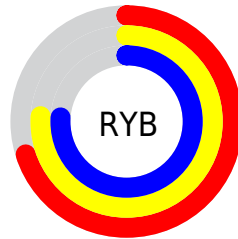
Distribution



Red (70%)

Green (76%)

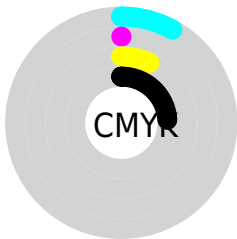
Blue (71%)



Red (70%)

Yellow (76%)

Blue (76%)

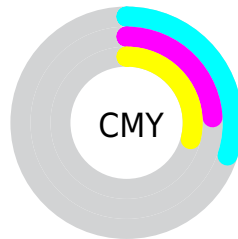


Cyan (8%)

Magenta (0%)

Yellow (7%)

Black (24%)



Cyan (30%)


Magenta (24%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9501, 0.3103, 0.3470 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 51.9501, 0.3103, 0.3470 by changing the saturation by 10% instead.


 51.9501, 0.3103,
0.3470

 51.9501, 0.3103,
0.3470


394.2439, 0.3115,
0.3381

 36.9653, 0.3100,
0.3492


 93.0576, 0.3108,
0.3438

 25.1806, 0.3096,
0.3521


119.9492, 0.3109,
0.3425

 16.2117, 0.3090,
0.3558


151.5784, 0.3111,
0.3415

 9.6741, 0.3082,
0.3611

188.3297, 0.3112,
0.3406

 5.1834, 0.3069,
0.3689

230.5876, 0.3113,
0.3399

 2.3553, 0.3048,
0.3817

278.7363, 0.3114,

 0.8027, 0.3004,

0.3392

0.4264

333.1603, 0.3115,
0.3386

0.0000, 0.0000,
0.0000

51.9501, 0.3103,
0.3470

51.9501, 0.3103,
0.3470

49.1311, 0.3073,
0.3717

55.1881, 0.3132,
0.3252

46.7076, 0.3042,
0.3993

58.8543, 0.3160,
0.3063

44.6640, 0.3014,
0.4294

62.9659, 0.3187,
0.2898

42.9808, 0.2988,
0.4612

67.1476, 0.3195,
0.2754

41.6370, 0.2969,
0.4935

67.5058, 0.3155,
0.2702

■ 40.6093, 0.2957,
0.5244

■ 39.8715, 0.2954,
0.5517

■ 39.3932, 0.2960,
0.5736

■ 39.1292, 0.2973,
0.5888

Harmonies

Analogous

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



51.9501, 0.3232, 0.3516



51.9501, 0.3103, 0.3470



51.9501, 0.2982, 0.3373

Triad

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



51.9501, 0.3103, 0.3470



51.9501, 0.2922, 0.3084



51.9501, 0.3359, 0.3319

Complementary

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



51.9501, 0.3103, 0.3470



47.7110, 0.3152, 0.3116

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.



51.9501, 0.3272, 0.3208



51.9501, 0.3103, 0.3470



51.9501, 0.3019, 0.3074

Square

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



51.9501, 0.3103, 0.3470



51.9501, 0.2879, 0.3149



51.9501, 0.3148, 0.3119



51.9501, 0.3382, 0.3425

Rectangle

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



51.9501, 0.3103, 0.3470



51.9501, 0.2922, 0.3294



51.9501, 0.3148, 0.3119



51.9501, 0.3336, 0.3281

Sweetspot

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



51.9523, 0.3103, 0.3470



96.5299, 0.3121, 0.3333



53.6370, 0.3232, 0.3489



21.1519, 0.3122, 0.3331



0.0000, 0.0000, 0.0000



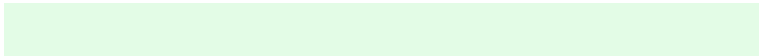
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9523, 0.3103, 0.3470



91.9999, 0.3097, 0.3517



52.2841, 0.3046, 0.3368



11.2787, 0.3099, 0.3498



25.4177, 0.2971, 0.5895



1.1051, 0.2886, 0.5590

Inverse Universe

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



47.7110, 0.3152, 0.3116



82.6896, 0.3159, 0.3074



47.3695, 0.3216, 0.3214



10.2253, 0.3156, 0.3091



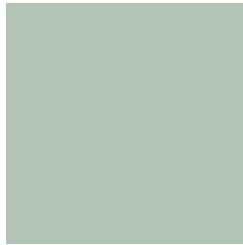
9.4563, 0.3545, 0.1726



0.4147, 0.3460, 0.1680

Previews

White Background



This preview shows how the Yxy color 51.9501, 0.3103, 0.3470 looks on a white background.

Color Contrast Check

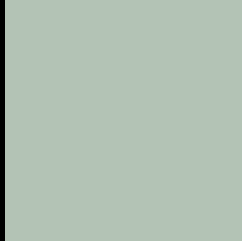
Large Text (above 18pt) WCAG AA × Fail

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 51.9501, 0.3103, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

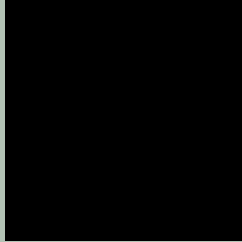
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

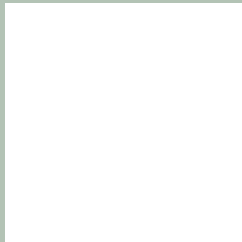
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.9501, 0.3103, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 51.9501, 0.3103, 0.3470.



This preview shows how white text looks on a background with the Yxy color 51.9501, 0.3103, 0.3470.

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

51.9501, 0.3103, 0.3470

Protanopia

51.9116, 0.3278, 0.3440

Deuteranopia

51.6969, 0.3376, 0.3303



Tritanopia

51.7851, 0.2954, 0.3103

Trichromacy



Original Color

51.9501, 0.3103, 0.3470

Protanomaly

51.9011, 0.3209, 0.3454

Deuteranomaly

51.6232, 0.3275, 0.3364

Tritanomaly

51.6756, 0.3011, 0.3227

Monochromacy



Original Color

51.9501, 0.3103, 0.3470

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1211, 0.3116, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9501, 0.3103, 0.3470 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(179, 195, 181)` looks like.

```
.text, #text, p{  
    color:rgb(179, 195, 181)  
}
```

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(179, 195, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 195, 181) }
```

Border

The CSS property to change the border of an element to Yxy 51.9501, 0.3103, 0.3470 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(179, 195, 181) }
```

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

```
.border{ border-color:rgb(179, 195, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 195, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 195, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 195, 181);  
box-shadow:4px 4px 4px 4px rgb(179, 195,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9501, 0.3103, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 195, 181) }
```

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

```
.background{ background-color: rgb(179,  
195, 181) }
```

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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