

Converting Colors

Yxy(51.9218, 0.3203, 0.3619)

Have a look what the booklet for
Yxy(51.9218, 0.3203, 0.3619)
contains.

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Color

Yxy(51.7563, 0.3200, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	B5C3AA
RGB	181, 195, 170
RGB Percent	71%, 76%, 67%
CMY	0.2904, 0.2352, 0.3334
CMYK	0.07, 0.00, 0.13, 0.24
HSL	94°, 17%, 72%
HSV	94°, 13%, 76%
XYZ	45.8147, 51.7563, 45.5999
YIQ	187.9640, -0.3190, -10.7430

Conversions

Conversions Part 2

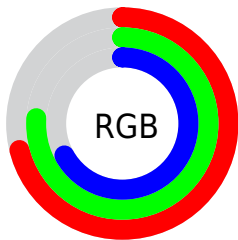
Format	Color
RYB	170, 195, 184
Decimal	11912106
CIELab	77.13, -9.41, 10.94
CIELCh	77, 14.431, 130.686
Yxy	51.7563, 0.3200, 0.3615
Android (android.graphics.Color)	4290102186 (0xFFB5C3AA)
YUV	187.9640, -8.8563, -6.1074
Hunter-Lab	71.9419, -12.2241, 12.7787

Details

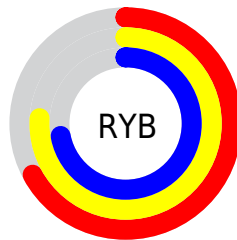
The Yxy color **51.7563, 0.3200, 0.3615** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.8870, 0.3046, 0.2968**, and the grayscale version is **50.3146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0616, 0.3190, 0.3563**, and **24.9470, 0.3217, 0.3698** is the 20% darker color. If you saturate the color by 10%, you get **49.8001, 0.3255, 0.3893**, and if you desaturate by 10%, it is **53.9310, 0.3143, 0.3359**.

Distribution



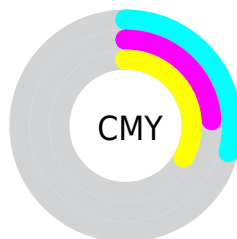
- Red (71%)
- Green (76%)
- Blue (67%)



- Red (67%)
- Yellow (76%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)





- Cyan (29%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7563, 0.3200, 0.3615 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 51.7563, 0.3200, 0.3615 by changing the saturation by 10% instead.


 51.7563, 0.3200,
0.3615

 51.7563, 0.3200,
0.3615


393.4951, 0.3166,
0.3453

 36.8109, 0.3208,
0.3656


 92.7717, 0.3188,
0.3556

 25.0611, 0.3218,
0.3708


119.6105, 0.3183,
0.3534

 16.1226, 0.3230,
0.3777


151.1825, 0.3179,
0.3515

 9.6109, 0.3247,
0.3874

187.8722, 0.3176,
0.3499

 5.1418, 0.3268,
0.4018

230.0639, 0.3173,
0.3485

 2.3307, 0.3297,
0.4255

278.1420, 0.3170,

 0.7899, 0.3706,

0.3473

0.5618

332.4909, 0.3168,
0.3462

0.0000, 0.0000,
0.0000

51.7563, 0.3200,
0.3615

51.7563, 0.3200,
0.3615

49.8001, 0.3255,
0.3893

53.9310, 0.3143,
0.3359

48.0484, 0.3305,
0.4189

56.3243, 0.3087,
0.3126

46.4959, 0.3347,
0.4494

58.9450, 0.3032,
0.2916

45.1344, 0.3378,
0.4798

61.7991, 0.2979,
0.2729

43.9550, 0.3392,
0.5086

64.0612, 0.3013,
0.2677

■ 42.9481, 0.3388,
0.5341

■ 65.9959, 0.3094,
0.2692

■ 42.1028, 0.3364,
0.5548

■ 67.5206, 0.3155,
0.2703

■ 41.4065, 0.3320,
0.5698

■ 40.9847, 0.3282,
0.5776

Harmonies

Analogous

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



51.7563, 0.3379, 0.3628



51.7563, 0.3200, 0.3615



51.7563, 0.3005, 0.3507

Triad

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



51.7563, 0.3200, 0.3615



51.7563, 0.2773, 0.3024



51.7563, 0.3413, 0.3236

Complementary

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



51.7563, 0.3200, 0.3615



42.8870, 0.3046, 0.2968

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.



51.7563, 0.3243, 0.3087



51.7563, 0.3200, 0.3615



51.7563, 0.2874, 0.2965

Square

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



51.7563, 0.3200, 0.3615



51.7563, 0.2763, 0.3158



51.7563, 0.3045, 0.2989



51.7563, 0.3506, 0.3403

Rectangle

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



51.7563, 0.3200, 0.3615



51.7563, 0.2893, 0.3397



51.7563, 0.3045, 0.2989



51.7563, 0.3363, 0.3183

Sweetspot

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



51.7585, 0.3200, 0.3615



96.0676, 0.3150, 0.3389



48.6878, 0.3335, 0.3465



20.9703, 0.3155, 0.3408



0.0000, 0.0000, 0.0000



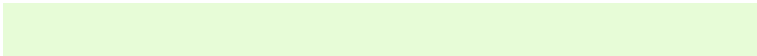
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7585, 0.3200, 0.3615



91.8008, 0.3213, 0.3680



50.5351, 0.3102, 0.3607



11.4694, 0.3180, 0.3523



26.6787, 0.3292, 0.5768



1.1934, 0.3473, 0.5624

Inverse Universe

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



42.8870, 0.3046, 0.2968



73.2599, 0.3029, 0.2904



44.2358, 0.3152, 0.2993



10.0213, 0.3070, 0.3058



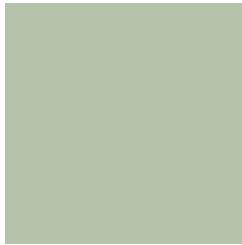
4.7550, 0.2161, 0.0964



0.2457, 0.2390, 0.1090

Previews

White Background



This preview shows how the Yxy color 51.7563, 0.3200, 0.3615 looks on a white background.

Color Contrast Check

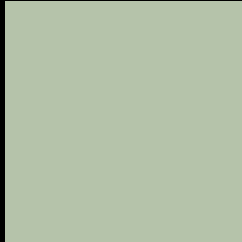
Large Text (above 18pt) WCAG AA × Fail

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 51.7563, 0.3200, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

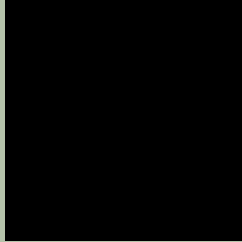
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7563, 0.3200, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 51.7563, 0.3200, 0.3615.



This preview shows how white text looks on a background with the Yxy color 51.7563, 0.3200, 0.3615.

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

51.7563, 0.3200, 0.3615

Protanopia

51.7590, 0.3383, 0.3578

Deuteranopia

51.2926, 0.3497, 0.3423



Tritanopia

51.6738, 0.2984, 0.3104

Trichromacy



Original Color

51.7563, 0.3200, 0.3615

Protanomaly

51.7329, 0.3312, 0.3595

Deuteranomaly

51.1774, 0.3391, 0.3488

Tritanomaly

51.6954, 0.3063, 0.3290

Monochromacy



Original Color

51.7563, 0.3200, 0.3615

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.9121, 0.3154, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7563, 0.3200, 0.3615 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(181, 195, 170)` looks like.

```
.text, #text, p{  
    color:rgb(181, 195, 170)  
}
```

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(181, 195, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 195, 170) }
```

Border

The CSS property to change the border of an element to Yxy 51.7563, 0.3200, 0.3615 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(181, 195, 170) }
```

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

```
.border{ border-color:rgb(181, 195, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 195, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 195, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 195, 170);  
box-shadow:4px 4px 4px 4px rgb(181, 195,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7563, 0.3200, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 195, 170) }
```

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

```
.background{ background-color: rgb(181,  
195, 170) }
```

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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