

Converting Colors

Yxy(51.8068, 0.3176, 0.3443)

Have a look what the booklet for
Yxy(51.8068, 0.3176, 0.3443)
contains.

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Color

Yxy(51.5594, 0.3177, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	BBC0B4
RGB	187, 192, 180
RGB Percent	73%, 75%, 71%
CMY	0.2668, 0.2470, 0.2942
CMYK	0.03, 0.00, 0.06, 0.25
HSL	85°, 9%, 73%
HSV	85°, 6%, 75%
XYZ	47.5760, 51.5594, 50.6160
YIQ	189.1370, 0.8720, -4.7920

Conversions

Conversions Part 2

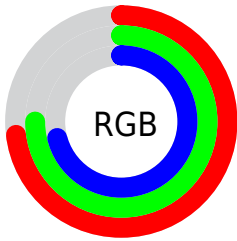
Format	Color
RYB	180, 192, 185
Decimal	12304564
CIELab	77.02, -3.94, 5.44
CIELCh	77, 6.717, 125.885
Yxy	51.5594, 0.3177, 0.3443
Android (android.graphics.Color)	4290494644 (0xFFBBC0B4)
YUV	189.1370, -4.5045, -1.8741
Hunter-Lab	71.8049, -7.3891, 8.4693

Details

The Yxy color **51.5594, 0.3177, 0.3443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7597, 0.3075, 0.3136**, and the grayscale version is **50.9962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2456, 0.3166, 0.3409**, and **25.0659, 0.3194, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **49.8472, 0.3257, 0.3703**, and if you desaturate by 10%, it is **53.4412, 0.3098, 0.3203**.

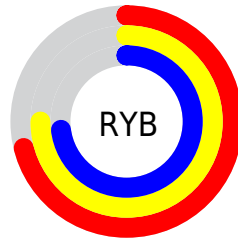
Distribution



Red (73%)

Green (75%)

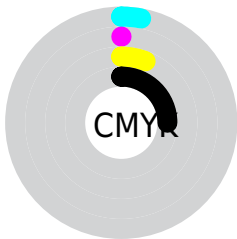
Blue (71%)



Red (71%)

Yellow (75%)

Blue (73%)

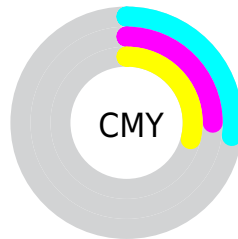


Cyan (3%)

Magenta (0%)

Yellow (6%)

Black (25%)



Cyan (27%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5594, 0.3177, 0.3443 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 51.5594, 0.3177, 0.3443 by changing the saturation by 10% instead.

■ 51.5594, 0.3177,
0.3443

■ 51.5594, 0.3177,
0.3443

392.7333, 0.3153,
0.3367

■ 36.6540, 0.3183,
0.3462

■ 92.4811, 0.3168,
0.3416

■ 24.9397, 0.3190,
0.3486

119.2662, 0.3165,
0.3405

■ 16.0321, 0.3200,
0.3517

150.7800, 0.3162,
0.3397

■ 9.5469, 0.3213,
0.3561

187.4069, 0.3160,
0.3389

■ 5.0996, 0.3232,
0.3626

229.5313, 0.3158,
0.3383

■ 2.3058, 0.3261,
0.3732

277.5376, 0.3156,

■ 0.7768, 0.3408,

0.3377

0.4122

331.8101, 0.3154,
0.3372

0.0000, 0.0000,
0.0000

51.5594, 0.3177,
0.3443

51.5594, 0.3177,
0.3443

49.8472, 0.3257,
0.3703

53.4412, 0.3098,
0.3203

48.2926, 0.3335,
0.3978

55.4910, 0.3021,
0.2983

46.8921, 0.3407,
0.4264

57.7158, 0.2948,
0.2784

45.6396, 0.3469,
0.4551

60.0045, 0.2891,
0.2622

44.5286, 0.3518,
0.4827

61.2822, 0.2949,
0.2633

■ 43.5520, 0.3547,
0.5080

■ 62.6210, 0.3008,
0.2645

■ 42.7018, 0.3554,
0.5296

■ 64.0217, 0.3068,
0.2656

■ 41.9688, 0.3537,
0.5464

■ 65.4849, 0.3128,
0.2668

■ 41.3415, 0.3498,
0.5581

■ 66.1848, 0.3156,
0.2673

Harmonies

Analogous

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



51.5594, 0.3256, 0.3444



51.5594, 0.3177, 0.3443



51.5594, 0.3085, 0.3400

Triad

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



51.5594, 0.3177, 0.3443



51.5594, 0.2956, 0.3175



51.5594, 0.3250, 0.3253

Complementary

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



51.5594, 0.3177, 0.3443



46.7597, 0.3075, 0.3136

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.



51.5594, 0.3168, 0.3184



51.5594, 0.3177, 0.3443



51.5594, 0.2999, 0.3139

Square

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



51.5594, 0.3177, 0.3443



51.5594, 0.2959, 0.3243



51.5594, 0.3076, 0.3142



51.5594, 0.3299, 0.3333

Rectangle

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



51.5594, 0.3177, 0.3443



51.5594, 0.3030, 0.3353



51.5594, 0.3076, 0.3142



51.5594, 0.3225, 0.3228

Sweetspot

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



51.5616, 0.3177, 0.3443



94.8171, 0.3143, 0.3339



49.1994, 0.3226, 0.3354



20.3489, 0.3142, 0.3336



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.



51.5616, 0.3177, 0.3443



92.8116, 0.3192, 0.3490



50.8218, 0.3128, 0.3445



11.5415, 0.3202, 0.3522



27.7161, 0.3490, 0.5611



1.2373, 0.3646, 0.5487

Inverse Universe

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



46.7597, 0.3075, 0.3136



81.6632, 0.3059, 0.3089



47.5207, 0.3126, 0.3139



9.9493, 0.3047, 0.3057



3.7627, 0.1886, 0.0812



0.2030, 0.2146, 0.0956

Previews

White Background



This preview shows how the Yxy color 51.5594, 0.3177, 0.3443 looks on a white background.

Color Contrast Check

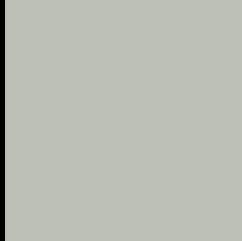
Large Text (above 18pt) WCAG AA × Fail

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 51.5594, 0.3177, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

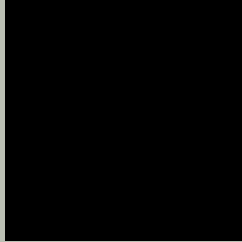
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

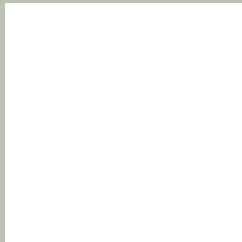
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5594, 0.3177, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 51.5594, 0.3177, 0.3443.



This preview shows how white text looks on a background with the Yxy color 51.5594, 0.3177, 0.3443.

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

51.5594, 0.3177, 0.3443

Protanopia

51.3453, 0.3271, 0.3428

Deuteranopia

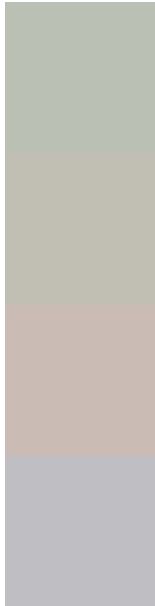
51.5073, 0.3375, 0.3315



Tritanopia

51.7834, 0.3038, 0.3118

Trichromacy



Original Color

51.5594, 0.3177, 0.3443

Protanomaly

51.4190, 0.3237, 0.3428

Deuteranomaly

51.4334, 0.3301, 0.3364

Tritanomaly

51.7142, 0.3090, 0.3228

Monochromacy



Original Color

51.5594, 0.3177, 0.3443

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0634, 0.3141, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5594, 0.3177, 0.3443 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(187, 192, 180)` looks like.

```
.text, #text, p{  
    color:rgb(187, 192, 180)  
}
```

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(187, 192, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 192, 180) }
```

Border

The CSS property to change the border of an element to Yxy 51.5594, 0.3177, 0.3443 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(187, 192, 180) }
```

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

```
.border{ border-color:rgb(187, 192, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 192, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 192, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 192, 180);  
box-shadow:4px 4px 4px 4px rgb(187, 192,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5594, 0.3177, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 192, 180) }
```

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

```
.background{ background-color: rgb(187,  
192, 180) }
```

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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