

Converting Colors

Yxy(51.5317, 0.3321, 0.3441)

Have a look what the booklet for
Yxy(51.5317, 0.3321, 0.3441)
contains.

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Color

Yxy(51.3804, 0.3323, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	C8BCB0
RGB	200, 188, 176
RGB Percent	78%, 74%, 69%
CMY	0.2155, 0.2628, 0.3098
CMYK	0.00, 0.06, 0.12, 0.22
HSL	30°, 18%, 74%
HSV	30°, 12%, 78%
XYZ	49.6473, 51.3804, 48.3774
YIQ	190.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

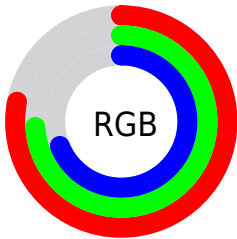
Format	Color
R _Y B	200, 200, 176
Decimal	13155504
CIE Lab	76.91, 2.21, 7.57
CIE LCh	77, 7.890, 73.758
Yxy	51.3804, 0.3323, 0.3439
Android (android.graphics.Color)	4291345584 (0xFFC8BCB0)
YUV	190.2200, -7.0105, 8.5771
Hunter-Lab	71.6801, -1.8070, 10.1609

Details

The Yxy color **51.3804, 0.3323, 0.3439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3925, 0.2942, 0.3136**, and the grayscale version is **51.6663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7876, 0.3273, 0.3408**, and **24.8942, 0.3371, 0.3474** is the 20% darker color. If you saturate the color by 10%, you get **46.5116, 0.3511, 0.3570**, and if you desaturate by 10%, it is **56.6681, 0.3158, 0.3314**.

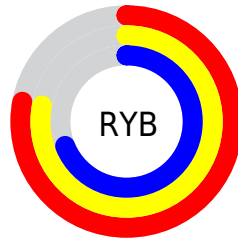
Distribution



Red (78%)

Green (74%)

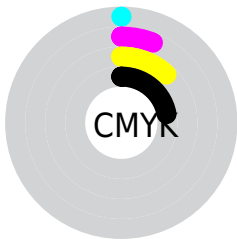
Blue (69%)



Red (78%)

Yellow (78%)

Blue (69%)

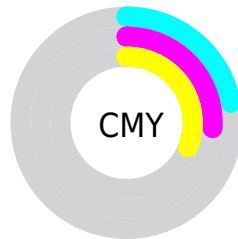


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3804, 0.3323, 0.3439 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 51.3804, 0.3323, 0.3439 by changing the saturation by 10% instead.

■ 51.3804, 0.3323,
0.3439

■ 51.3804, 0.3323,
0.3439

392.0399, 0.3226,
0.3366

■ 36.5114, 0.3347,
0.3457

■ 92.2168, 0.3288,
0.3413

■ 24.8294, 0.3377,
0.3479

118.9531, 0.3275,
0.3403

■ 15.9500, 0.3417,
0.3509

150.4139, 0.3264,
0.3395

■ 9.4888, 0.3472,
0.3549

186.9836, 0.3254,
0.3387

■ 5.0614, 0.3553,
0.3607

229.0467, 0.3246,
0.3381

■ 2.2833, 0.3682,
0.3698

276.9875, 0.3239,

■ 0.7649, 0.4223,

0.3375

0.4137

331.1904, 0.3232,
0.3371

0.0000, 0.0000,
0.0000

51.3804, 0.3323,
0.3439

51.3804, 0.3323,
0.3439

46.5116, 0.3511,
0.3570

56.6681, 0.3158,
0.3314

42.0439, 0.3724,
0.3705

62.3786, 0.3014,
0.3197

37.9679, 0.3961,
0.3837

68.5243, 0.2888,
0.3089

34.2713, 0.4219,
0.3960

75.0490, 0.2785,
0.3000

30.9409, 0.4492,
0.4063

80.7310, 0.2793,
0.3110

■ 27.9625, 0.4766,
0.4134

■ 86.7383, 0.2800,
0.3217

■ 25.3208, 0.5028,
0.4160

■ 91.0249, 0.2805,
0.3289

■ 22.9983, 0.5259,
0.4133

■ 21.3532, 0.5419,
0.4079

Harmonies

Analogous

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



51.3804, 0.3336, 0.3364



51.3804, 0.3323, 0.3439



51.3804, 0.3257, 0.3476

Triad

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



51.3804, 0.3323, 0.3439



51.3804, 0.2966, 0.3306



51.3804, 0.3094, 0.3126

Complementary

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



51.3804, 0.3323, 0.3439



49.3925, 0.2942, 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.



51.3804, 0.2997, 0.3109



51.3804, 0.3323, 0.3439



51.3804, 0.2923, 0.3211

Square

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



51.3804, 0.3323, 0.3439



51.3804, 0.3051, 0.3399



51.3804, 0.2935, 0.3139



51.3804, 0.3202, 0.3185

Rectangle

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



51.3804, 0.3323, 0.3439



51.3804, 0.3193, 0.3472



51.3804, 0.2935, 0.3139



51.3804, 0.3059, 0.3115

Sweetspot

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



51.3827, 0.3323, 0.3439



96.1412, 0.3190, 0.3339



46.9870, 0.3236, 0.3137



20.4257, 0.3202, 0.3348



0.0000, 0.0000, 0.0000



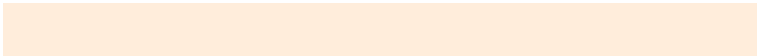
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3827, 0.3323, 0.3439



87.0186, 0.3362, 0.3467



56.5616, 0.3305, 0.3579



11.4961, 0.3277, 0.3405



13.7503, 0.5397, 0.4096



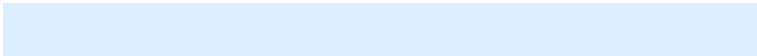
0.7960, 0.5081, 0.4348

Inverse Universe

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



49.3925, 0.2942, 0.3136



83.0089, 0.2907, 0.3106



44.6131, 0.2939, 0.2984



11.1513, 0.2983, 0.3172



8.6579, 0.1777, 0.1597



0.5548, 0.1882, 0.1976

Previews

White Background



This preview shows how the Yxy color 51.3804, 0.3323, 0.3439 looks on a white background.

Color Contrast Check

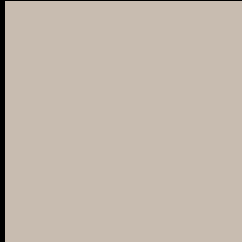
Large Text (above 18pt) WCAG AA × Fail

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 51.3804, 0.3323, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

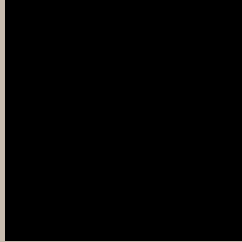
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

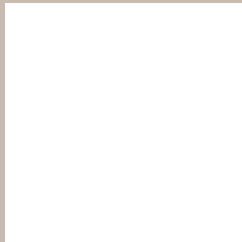
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3804, 0.3323, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 51.3804, 0.3323, 0.3439.

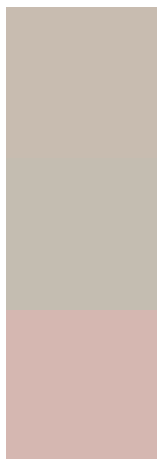


This preview shows how white text looks on a background with the Yxy color 51.3804, 0.3323, 0.3439.

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

51.3804, 0.3323, 0.3439

Protanopia

51.3053, 0.3279, 0.3440

Deuteranopia

51.1874, 0.3437, 0.3363



Tritanopia

51.5180, 0.3168, 0.3122

Trichromacy



Original Color

51.3804, 0.3323, 0.3439

Protanomaly

51.4398, 0.3288, 0.3440

Deuteranomaly

51.2821, 0.3389, 0.3388

Tritanomaly

51.4360, 0.3222, 0.3229

Monochromacy



Original Color

51.3804, 0.3323, 0.3439

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3673, 0.3199, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3804, 0.3323, 0.3439 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(200, 188, 176)` looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 176)  
}
```

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(200, 188, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 176) }
```

Border

The CSS property to change the border of an element to Yxy 51.3804, 0.3323, 0.3439 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(200, 188, 176) }
```

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

```
.border{ border-color:rgb(200, 188, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 188, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 176);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3804, 0.3323, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 188, 176) }
```

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

```
.background{ background-color: rgb(200,  
188, 176) }
```

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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