

Converting Colors

$Yxy(51.2056, 0.3478, 0.3646)$

Have a look what the booklet for
Yxy(51.2056, 0.3478, 0.3646)
contains.

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Color

Yxy(51.2010, 0.3479, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	CBBCA0
RGB	203, 188, 160
RGB Percent	80%, 74%, 63%
CMY	0.2040, 0.2627, 0.3726
CMYK	0.00, 0.07, 0.21, 0.20
HSL	39°, 29%, 71%
HSV	39°, 21%, 80%
XYZ	48.9498, 51.2010, 40.5500
YIQ	189.2930, 17.9280, -5.5280

Conversions

Conversions Part 2

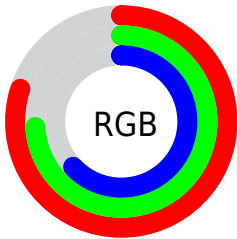
Format	Color
RYB	183, 203, 160
Decimal	13352096
CIELab	76.80, 0.78, 16.11
CIELCh	77, 16.127, 87.232
Yxy	51.2010, 0.3479, 0.3639
Android (android.graphics.Color)	4291542176 (0xFFCBBCA0)
YUV	189.2930, -14.4414, 12.0210
Hunter-Lab	71.5549, -3.1114, 16.4889

Details

The Yxy color **51.2010, 0.3479, 0.3639** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.4166, 0.2789, 0.2915**, and the grayscale version is **51.1405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8677, 0.3380, 0.3577**, and **24.7066, 0.3573, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **47.6062, 0.3670, 0.3811**, and if you desaturate by 10%, it is **55.0640, 0.3304, 0.3470**.

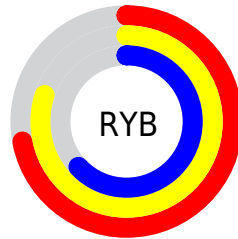
Distribution



Red (80%)

Green (74%)

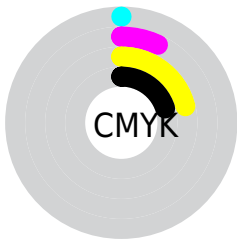
Blue (63%)



Red (72%)

Yellow (80%)

Blue (63%)

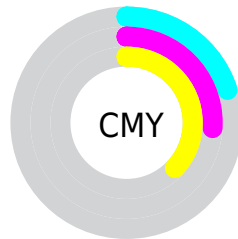


Cyan (0%)

Magenta (7%)

Yellow (21%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2010, 0.3479, 0.3639 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 51.2010, 0.3479, 0.3639 by changing the saturation by 10% instead.


 51.2010, 0.3479,
0.3639


 51.2010, 0.3479,
0.3639


391.3442, 0.3306,
0.3468

 36.3686, 0.3521,
0.3681


 91.9518, 0.3417,
0.3578

 24.7190, 0.3575,
0.3733


 118.6390, 0.3393,
0.3554

 15.8678, 0.3645,
0.3802


150.0466, 0.3373,
0.3535

 9.4307, 0.3740,
0.3895

186.5590, 0.3356,
0.3518

 5.0231, 0.3877,
0.4028

228.5605, 0.3341,
0.3503

 2.2608, 0.4088,
0.4230

276.4357, 0.3328,

 0.7529, 0.4939,

0.3490

0.5061

330.5688, 0.3316,
0.3478

0.0000, 0.0000,
0.0000

51.2010, 0.3479,
0.3639

51.2010, 0.3479,
0.3639

47.6062, 0.3670,
0.3811

55.0640, 0.3304,
0.3470

44.2650, 0.3875,
0.3981

59.1956, 0.3145,
0.3309

41.1715, 0.4088,
0.4139

63.6049, 0.3003,
0.3156

38.3168, 0.4303,
0.4277

68.2987, 0.2876,
0.3015

35.6912, 0.4511,
0.4382

72.8598, 0.2799,
0.2949

■ 33.2839, 0.4699,
0.4444

■ 76.7193, 0.2804,
0.3027

■ 31.0824, 0.4860,
0.4455

■ 80.7380, 0.2809,
0.3103

■ 29.2938, 0.4978,
0.4429

■ 84.9179, 0.2814,
0.3179

■ 89.2607, 0.2819,
0.3253

Harmonies

Analogous

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



51.2010, 0.3560, 0.3510



51.2010, 0.3479, 0.3639



51.2010, 0.3304, 0.3676

Triad

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



51.2010, 0.3479, 0.3639



51.2010, 0.2749, 0.3227



51.2010, 0.3157, 0.3005

Complementary

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



51.2010, 0.3479, 0.3639



42.4166, 0.2789, 0.2915

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.



51.2010, 0.2942, 0.2930



51.2010, 0.3479, 0.3639



51.2010, 0.2713, 0.3049

Square

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



51.2010, 0.3479, 0.3639



51.2010, 0.2884, 0.3433



51.2010, 0.2782, 0.2944



51.2010, 0.3370, 0.3150

Rectangle

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



51.2010, 0.3479, 0.3639



51.2010, 0.3160, 0.3638



51.2010, 0.2782, 0.2944



51.2010, 0.3082, 0.2971

Sweetspot

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



51.2033, 0.3479, 0.3639



95.7044, 0.3220, 0.3387



40.9230, 0.3405, 0.3101



20.3868, 0.3231, 0.3397



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.



51.2033, 0.3479, 0.3639



83.2101, 0.3557, 0.3710



57.0425, 0.3390, 0.3823



12.4141, 0.3274, 0.3441



18.8239, 0.4964, 0.4440



1.1097, 0.4777, 0.4589

Inverse Universe

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



42.4166, 0.2789, 0.2915



66.1326, 0.2718, 0.2830



37.5979, 0.2829, 0.2716



11.4717, 0.2983, 0.3135



5.7361, 0.1648, 0.1131



0.4373, 0.1759, 0.1533

Previews

White Background



This preview shows how the Yxy color 51.2010, 0.3479, 0.3639 looks on a white background.

Color Contrast Check

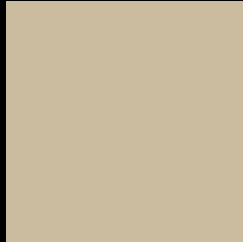
Large Text (above 18pt) WCAG AA × Fail

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 51.2010, 0.3479, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

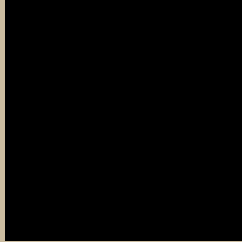
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2010, 0.3479, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 51.2010, 0.3479, 0.3639.



This preview shows how white text looks on a background with the Yxy color 51.2010, 0.3479, 0.3639.

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

51.2010, 0.3479, 0.3639

Protanopia

51.2478, 0.3442, 0.3641

Deuteranopia

50.9345, 0.3621, 0.3542



Tritanopia

51.3081, 0.3228, 0.3124

Trichromacy



Original Color

51.2010, 0.3479, 0.3639

Protanomaly

51.3859, 0.3451, 0.3640

Deuteranomaly

51.0003, 0.3570, 0.3569

Tritanomaly

51.2804, 0.3314, 0.3303

Monochromacy



Original Color

51.2010, 0.3479, 0.3639

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0789, 0.3254, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2010, 0.3479, 0.3639 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(203, 188, 160)` looks like.

```
.text, #text, p{  
    color:rgb(203, 188, 160)  
}
```

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(203, 188, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 188, 160) }
```

Border

The CSS property to change the border of an element to Yxy 51.2010, 0.3479, 0.3639 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(203, 188, 160) }
```

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

```
.border{ border-color:rgb(203, 188, 160) }
```

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

Here you see how a box with a 4 pixel rgb(203, 188, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 188, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 188, 160);  
box-shadow:4px 4px 4px 4px rgb(203, 188,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2010, 0.3479, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 188, 160) }
```

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

```
.background{ background-color: rgb(203,  
188, 160) }
```

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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