

Converting Colors

$Yxy(50.9652, 0.3524, 0.3552)$

Have a look what the booklet for
Yxy(50.9652, 0.3524, 0.3552)
contains.

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Color

Yxy(51.0439, 0.3524, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	D2B9A3
RGB	210, 185, 163
RGB Percent	82%, 73%, 64%
CMY	0.1764, 0.2745, 0.3608
CMYK	0.00, 0.12, 0.22, 0.18
HSL	28°, 34%, 73%
HSV	28°, 22%, 82%
XYZ	50.5419, 51.0439, 41.8362
YIQ	189.9670, 21.9620, -1.5420

Conversions

Conversions Part 2

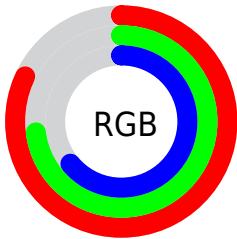
Format	Color
R _Y B	210, 204, 163
Decimal	13810083
CIE Lab	76.71, 5.49, 14.44
CIE LCh	77, 15.446, 69.191
Yxy	51.0439, 0.3524, 0.3559
Android (android.graphics.Color)	4292000163 (0xFFD2B9A3)
YUV	189.9670, -13.2947, 17.5689
Hunter-Lab	71.4450, 1.2464, 15.2929

Details

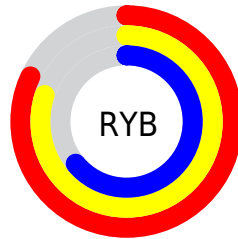
The Yxy color **51.0439, 0.3524, 0.3559** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4140, 0.2776, 0.3005**, and the grayscale version is **51.5432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2325, 0.3365, 0.3518**, and **24.6188, 0.3637, 0.3634** is the 20% darker color. If you saturate the color by 10%, you get **45.8615, 0.3743, 0.3686**, and if you desaturate by 10%, it is **56.7235, 0.3332, 0.3435**.

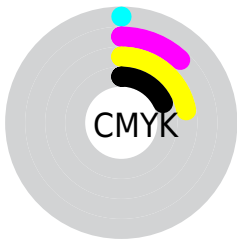
Distribution



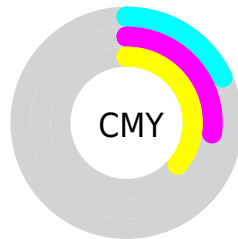
- Red (82%)
- Green (73%)
- Blue (64%)



- Red (82%)
- Yellow (80%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (22%)
- Black (18%)





- Cyan (18%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0439, 0.3524, 0.3559 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 51.0439, 0.3524, 0.3559 by changing the saturation by 10% instead.


 51.0439, 0.3524,
0.3559

 51.0439, 0.3524,
0.3559


390.7343, 0.3328,
0.3429

 36.2435, 0.3572,
0.3590


 91.7197, 0.3453,
0.3513

 24.6224, 0.3634,
0.3629

 118.3639, 0.3426,
0.3495

 15.7959, 0.3715,
0.3679


149.7248, 0.3404,
0.3480

 9.3799, 0.3826,
0.3747

186.1869, 0.3384,
0.3467

 4.9898, 0.3987,
0.3841

228.1344, 0.3367,
0.3456

 2.2413, 0.4239,
0.3977

275.9520, 0.3353,

 0.7424, 0.5307,

0.3446

0.4693

330.0238, 0.3339,
0.3437

0.0000, 0.0000,
0.0000

51.0439, 0.3524,
0.3559

51.0439, 0.3524,
0.3559

45.8615, 0.3743,
0.3686

56.7235, 0.3332,
0.3435

41.1547, 0.3989,
0.3811

62.9072, 0.3164,
0.3317

36.9105, 0.4258,
0.3926

69.6106, 0.3018,
0.3207

33.1125, 0.4544,
0.4021

76.8464, 0.2892,
0.3105

29.7431, 0.4834,
0.4083

83.7606, 0.2853,
0.3142

■ 26.7828, 0.5111,
0.4100

■ 90.5762, 0.2859,
0.3259

■ 24.2102, 0.5354,
0.4062

■ 92.4446, 0.2860,
0.3289

■ 22.4906, 0.5514,
0.4004

Harmonies

Analogous

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



51.0439, 0.3533, 0.3402



51.0439, 0.3524, 0.3559



51.0439, 0.3406, 0.3651

Triad

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



51.0439, 0.3524, 0.3559



51.0439, 0.2833, 0.3349



51.0439, 0.3028, 0.2964

Complementary

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



51.0439, 0.3524, 0.3559



48.4140, 0.2776, 0.3005

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.



51.0439, 0.2848, 0.2942



51.0439, 0.3524, 0.3559



51.0439, 0.2738, 0.3156

Square

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



51.0439, 0.3524, 0.3559



51.0439, 0.3006, 0.3532



51.0439, 0.2744, 0.3009



51.0439, 0.3241, 0.3065

Rectangle

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



51.0439, 0.3524, 0.3559



51.0439, 0.3284, 0.3658



51.0439, 0.2744, 0.3009



51.0439, 0.2962, 0.2947

Sweetspot

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



51.0462, 0.3524, 0.3559



92.9923, 0.3240, 0.3371



43.5315, 0.3346, 0.2987



19.7789, 0.3250, 0.3379



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.



51.0462, 0.3524, 0.3559



75.1441, 0.3628, 0.3621



61.6816, 0.3466, 0.3828



12.7071, 0.3279, 0.3399



13.9136, 0.5490, 0.4023



0.9361, 0.5192, 0.4260

Inverse Universe

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



48.4140, 0.2776, 0.3005



70.3382, 0.2697, 0.2933



39.1932, 0.2752, 0.2689



12.4443, 0.2983, 0.3178



10.0752, 0.1805, 0.1697



0.7215, 0.1893, 0.2014

Previews

White Background



This preview shows how the Yxy color 51.0439, 0.3524, 0.3559 looks on a white background.

Color Contrast Check

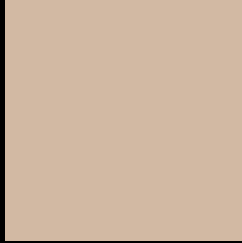
Large Text (above 18pt) WCAG AA × Fail

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 51.0439, 0.3524, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

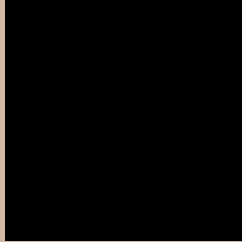
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0439, 0.3524, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 51.0439, 0.3524, 0.3559.



This preview shows how white text looks on a background with the Yxy color 51.0439, 0.3524, 0.3559.

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

51.0439, 0.3524, 0.3559

Protanopia

51.1176, 0.3392, 0.3592

Deuteranopia

50.8879, 0.3586, 0.3506



Tritanopia

50.8788, 0.3299, 0.3114

Trichromacy



Original Color

51.0439, 0.3524, 0.3559

Protanomaly

51.2033, 0.3438, 0.3589

Deuteranomaly

50.8435, 0.3556, 0.3520

Tritanomaly

51.0209, 0.3388, 0.3279

Monochromacy



Original Color

51.0439, 0.3524, 0.3559

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.1320, 0.3265, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0439, 0.3524, 0.3559 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(210, 185, 163)` looks like.

```
.text, #text, p{  
    color:rgb(210, 185, 163)  
}
```

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(210, 185, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 185, 163) }
```

Border

The CSS property to change the border of an element to Yxy 51.0439, 0.3524, 0.3559 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(210, 185, 163) }
```

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

```
.border{ border-color:rgb(210, 185, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 185, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 185, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 185, 163);  
box-shadow:4px 4px 4px 4px rgb(210, 185,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0439, 0.3524, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 185, 163) }
```

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

```
.background{ background-color: rgb(210,  
185, 163) }
```

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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