

Converting Colors

$Y_{xy}(43.5552, 0.3543, 0.3960)$

Have a look what the booklet for
Yxy(43.5552, 0.3543, 0.3960)
contains.

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Color

Yxy(43.5552, 0.3543, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	B4B382
RGB	180, 179, 130
RGB Percent	71%, 70%, 51%
CMY	0.2942, 0.2980, 0.4903
CMYK	0.00, 0.01, 0.28, 0.29
HSL	59°, 25%, 61%
HSV	59°, 28%, 71%
XYZ	38.9687, 43.5552, 27.4640
YIQ	173.7130, 16.3250, -15.0270

Conversions

Conversions Part 2

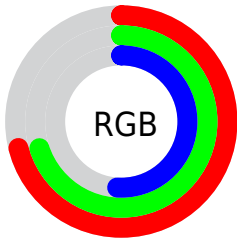
Format	Color
RYB	131, 180, 130
Decimal	11842434
CIELab	71.93, -7.56, 25.24
CIELCh	72, 26.346, 106.683
Yxy	43.5552, 0.3543, 0.3960
Android (android.graphics.Color)	4290032514 (0xFFB4B382)
YUV	173.7130, -21.5505, 5.5137
Hunter-Lab	65.9964, -10.0952, 21.5243

Details

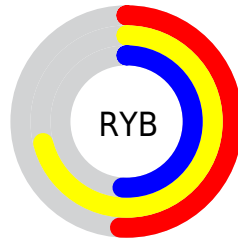
The Yxy color **43.5552, 0.3543, 0.3960** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.2605, 0.2653, 0.2519**, and the grayscale version is **42.2782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6684, 0.3468, 0.3840**, and **20.0129, 0.3664, 0.4152** is the 20% darker color. If you saturate the color by 10%, you get **42.9741, 0.3691, 0.4197**, and if you desaturate by 10%, it is **44.2251, 0.3391, 0.3716**.

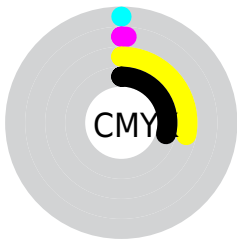
Distribution



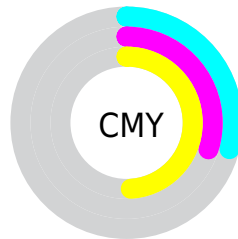
- Red (71%)
- Green (70%)
- Blue (51%)



- Red (51%)
- Yellow (71%)
- Blue (51%)



- Cyan (0%)
- Magenta (1%)
- Yellow (28%)
- Black (29%)





- Cyan (29%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5552, 0.3543, 0.3960 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 43.5552, 0.3543, 0.3960 by changing the saturation by 10% instead.


 43.5552, 0.3543,
0.3960

 43.5552, 0.3543,
0.3960


360.8901, 0.3338,
0.3618


 30.3210, 0.3592,
0.4047


 80.5480, 0.3470,
0.3834

 20.0823, 0.3655,
0.4159


 105.0754, 0.3442,
0.3787

 12.4549, 0.3734,
0.4308


 134.1359, 0.3418,
0.3748

 7.0543, 0.3837,
0.4515

168.1140, 0.3397,
0.3714

 3.4961, 0.3972,
0.4817

207.3941, 0.3379,
0.3685

 1.3959, 0.4389,
0.5611

252.3606, 0.3364,

 0.2137, 0.0795,

0.3660

0.9205

303.3977, 0.3350,
0.3637

0.0000, 0.0000,
0.0000

43.5552, 0.3543,
0.3960

43.5552, 0.3543,
0.3960

42.9741, 0.3691,
0.4197

44.2251, 0.3391,
0.3716

42.4716, 0.3830,
0.4418

44.9820, 0.3241,
0.3474

42.0448, 0.3954,
0.4614

45.8317, 0.3096,
0.3239

41.6884, 0.4058,
0.4776

46.7779, 0.2958,
0.3015

41.3963, 0.4138,
0.4898

47.8238, 0.2829,
0.2806

■ 41.1616, 0.4192,
0.4977

■ 48.9728, 0.2710,
0.2613

■ 40.9733, 0.4222,
0.5018

■ 50.1652, 0.2608,
0.2446

■ 40.9338, 0.4228,
0.5025

■ 50.3094, 0.2608,
0.2450

■ 50.4540, 0.2609,
0.2454

Harmonies

Analogous

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



43.5552, 0.3803, 0.3815



43.5552, 0.3543, 0.3960



43.5552, 0.3181, 0.3910

Triad

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



43.5552, 0.3543, 0.3960



43.5552, 0.2431, 0.2961



43.5552, 0.3421, 0.2957

Complementary

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



43.5552, 0.3543, 0.3960



24.2605, 0.2653, 0.2519

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.



43.5552, 0.3037, 0.2756



43.5552, 0.3543, 0.3960



43.5552, 0.2484, 0.2743

Square

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



43.5552, 0.3543, 0.3960



43.5552, 0.2548, 0.3297



43.5552, 0.2699, 0.2676



43.5552, 0.3736, 0.3239

Rectangle

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



43.5552, 0.3543, 0.3960



43.5552, 0.2933, 0.3761



43.5552, 0.2699, 0.2676



43.5552, 0.3294, 0.2879

Sweetspot

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



43.5572, 0.3543, 0.3960



81.5212, 0.3246, 0.3482



27.3178, 0.3701, 0.3268



17.5733, 0.3268, 0.3518



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.5572, 0.3543, 0.3960



78.3590, 0.3629, 0.4098



41.3826, 0.3323, 0.4023



9.8775, 0.3264, 0.3511



28.5851, 0.4227, 0.5026



0.9083, 0.4217, 0.5034

Inverse Universe

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



24.2605, 0.2653, 0.2519



37.8547, 0.2537, 0.2329



26.0576, 0.2880, 0.2552



8.2559, 0.2985, 0.3059



2.3650, 0.1504, 0.0615



0.0832, 0.1522, 0.0680

Previews

White Background



This preview shows how the Yxy color 43.5552, 0.3543, 0.3960 looks on a white background.

Color Contrast Check

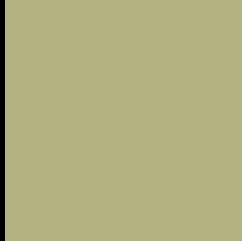
Large Text (above 18pt) WCAG AA × Fail

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 43.5552, 0.3543, 0.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

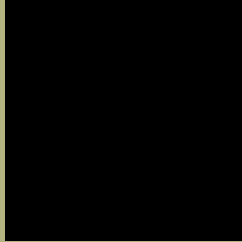
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5552, 0.3543, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 43.5552, 0.3543, 0.3960.



This preview shows how white text looks on a background with the Yxy color 43.5552, 0.3543, 0.3960.

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

43.5552, 0.3543, 0.3960

Protanopia

43.4545, 0.3648, 0.3917

Deuteranopia

43.4518, 0.3835, 0.3756



Tritanopia

43.5726, 0.3153, 0.3122

Trichromacy



Original Color

43.5552, 0.3543, 0.3960

Protanomaly

43.4684, 0.3615, 0.3935

Deuteranomaly

43.5316, 0.3729, 0.3835

Tritanomaly

43.5669, 0.3292, 0.3424

Monochromacy



Original Color

43.5552, 0.3543, 0.3960

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.7494, 0.3277, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5552, 0.3543, 0.3960 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(180, 179, 130)` looks like.

```
.text, #text, p{  
    color:rgb(180, 179, 130)  
}
```

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(180, 179, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 179, 130) }
```

Border

The CSS property to change the border of an element to Yxy 43.5552, 0.3543, 0.3960 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(180, 179, 130) }
```

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

```
.border{ border-color:rgb(180, 179, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 179, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 179, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 179, 130);  
box-shadow:4px 4px 4px 4px rgb(180, 179,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5552, 0.3543, 0.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 179, 130) }
```

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

```
.background{ background-color: rgb(180,  
179, 130) }
```

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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