

Converting Colors

$Yxy(43.5419, 0.3361, 0.3790)$

Have a look what the booklet for
Yxy(43.5419, 0.3361, 0.3790)
contains.

Yxy(43.5404, 0.3359, 0.3790)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.5404, 0.3359, 0.3790)

Conversions

Conversions Part 1

Format	Color
Hex	ADB490
RGB	173, 180, 144
RGB Percent	68%, 71%, 56%
CMY	0.3216, 0.2941, 0.4353
CMYK	0.04, 0.00, 0.20, 0.29
HSL	72°, 19%, 64%
HSV	72°, 20%, 71%
XYZ	38.5890, 43.5404, 32.7529
YIQ	173.8030, 7.3840, -12.6800

Conversions

Conversions Part 2

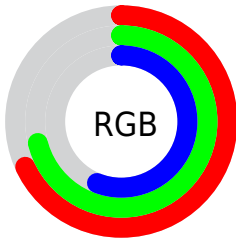
Format	Color
RYB	144, 180, 151
Decimal	11383952
CIELab	71.92, -8.73, 17.58
CIELCh	72, 19.628, 116.411
Yxy	43.5404, 0.3359, 0.3790
Android (android.graphics.Color)	4289574032 (0xFFADB490)
YUV	173.8030, -14.6929, -0.7042
Hunter-Lab	65.9851, -11.0849, 16.7599

Details

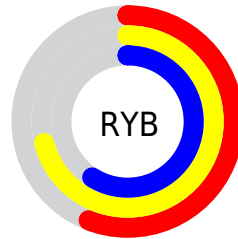
The Yxy color $43.5404, 0.3359, 0.3790$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $29.8191, 0.2865, 0.2759$, and the grayscale version is $42.2960, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.7261, 0.3319, 0.3696$, and $19.9621, 0.3423, 0.3947$ is the 20% darker color. If you saturate the color by 10%, you get $42.6413, 0.3474, 0.4052$, and if you desaturate by 10%, it is $44.5415, 0.3242, 0.3534$.

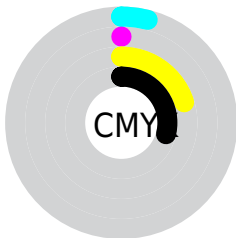
Distribution



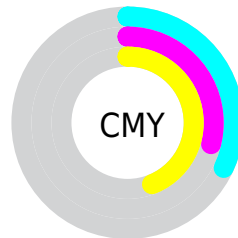
- Red (68%)
- Green (71%)
- Blue (56%)



- Red (56%)
- Yellow (71%)
- Blue (59%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (29%)




- Cyan (32%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5404, 0.3359, 0.3790 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 43.5404, 0.3359, 0.3790 by changing the saturation by 10% instead.


 43.5404, 0.3359,
0.3790

 43.5404, 0.3359,
0.3790


360.8295, 0.3245,
0.3533

 30.3094, 0.3387,
0.3856


 80.5257, 0.3318,
0.3695

 20.0735, 0.3422,
0.3943


 105.0488, 0.3302,
0.3660

 12.4485, 0.3468,
0.4060


134.1046, 0.3289,
0.3630

 7.0499, 0.3529,
0.4226

168.0776, 0.3278,
0.3605

 3.4933, 0.3612,
0.4481

207.3522, 0.3268,
0.3583

 1.3944, 0.3976,
0.5243

252.3128, 0.3259,

 0.2126, 0.0000,

0.3564

1.0000

303.3438, 0.3251,
0.3548

0.0000, 0.0000,
0.0000

43.5404, 0.3359,
0.3790

43.5404, 0.3359,
0.3790

42.6413, 0.3474,
0.4052

44.5415, 0.3242,
0.3534

41.8343, 0.3582,
0.4312

45.6429, 0.3127,
0.3290

41.1167, 0.3680,
0.4561

46.8502, 0.3016,
0.3061

40.4836, 0.3760,
0.4789

48.1668, 0.2911,
0.2849

39.9293, 0.3820,
0.4984

49.5962, 0.2813,
0.2655

■ 39.4477, 0.3855,
0.5139

■ 51.1416, 0.2721,
0.2479

■ 39.0312, 0.3865,
0.5249

■ 51.8020, 0.2728,
0.2456

■ 38.6649, 0.3854,
0.5322

■ 52.2815, 0.2753,
0.2462

■ 52.7721, 0.2778,
0.2468

Harmonies

Analogous

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



43.5404, 0.3583, 0.3733



43.5404, 0.3359, 0.3790



43.5404, 0.3080, 0.3698

Triad

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



43.5404, 0.3359, 0.3790



43.5404, 0.2599, 0.2984



43.5404, 0.3432, 0.3104

Complementary

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



43.5404, 0.3359, 0.3790



29.8191, 0.2865, 0.2759

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.



43.5404, 0.3156, 0.2925



43.5404, 0.3359, 0.3790



43.5404, 0.2682, 0.2850

Square

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



43.5404, 0.3359, 0.3790



43.5404, 0.2648, 0.3213



43.5404, 0.2882, 0.2832



43.5404, 0.3630, 0.3333

Rectangle

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



43.5404, 0.3359, 0.3790



43.5404, 0.2901, 0.3563



43.5404, 0.2882, 0.2832



43.5404, 0.3345, 0.3037

Sweetspot

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



43.5423, 0.3359, 0.3790



81.5160, 0.3197, 0.3437



33.7207, 0.3499, 0.3384



17.5914, 0.3204, 0.3453



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.



43.5423, 0.3359, 0.3790



78.2062, 0.3410, 0.3905



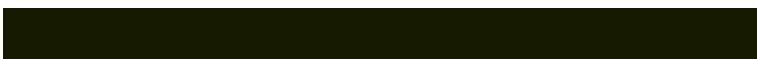
41.6656, 0.3201, 0.3816



9.8216, 0.3234, 0.3517



27.0123, 0.3858, 0.5318



0.8713, 0.3957, 0.5240

Inverse Universe

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



29.8191, 0.2865, 0.2759



48.7835, 0.2798, 0.2627



31.6312, 0.3036, 0.2785



8.3070, 0.3014, 0.3057



2.5721, 0.1603, 0.0657



0.1044, 0.1865, 0.0801

Previews

White Background



This preview shows how the Yxy color 43.5404, 0.3359, 0.3790 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 43.5404, 0.3359, 0.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

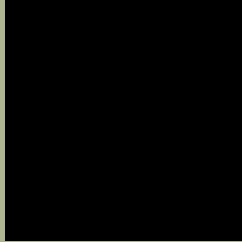
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

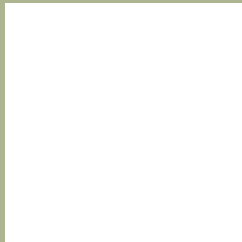
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5404, 0.3359, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 43.5404, 0.3359, 0.3790.



This preview shows how white text looks on a background with the Yxy color 43.5404, 0.3359, 0.3790.

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

43.5404, 0.3359, 0.3790

Protanopia

43.5685, 0.3516, 0.3746

Deuteranopia

43.2886, 0.3666, 0.3584



Tritanopia

43.4866, 0.3057, 0.3106

Trichromacy



Original Color

43.5404, 0.3359, 0.3790

Protanomaly

43.3725, 0.3458, 0.3752

Deuteranomaly

43.2689, 0.3556, 0.3659

Tritanomaly

43.3763, 0.3169, 0.3344

Monochromacy



Original Color

43.5404, 0.3359, 0.3790

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.6937, 0.3216, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5404, 0.3359, 0.3790 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(173, 180, 144)` looks like.

```
.text, #text, p{  
    color:rgb(173, 180, 144)  
}
```

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(173, 180, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 180, 144) }
```

Border

The CSS property to change the border of an element to Yxy 43.5404, 0.3359, 0.3790 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(173, 180, 144) }
```

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

```
.border{ border-color:rgb(173, 180, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 180, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 180, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 180, 144);  
box-shadow:4px 4px 4px 4px rgb(173, 180,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5404, 0.3359, 0.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 180, 144) }
```

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

```
.background{ background-color: rgb(173,  
180, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor