

Converting Colors

$Y_{xy}(43.3562, 0.3055, 0.3193)$

Have a look what the booklet for
Yxy(43.3562, 0.3055, 0.3193)
contains.

Yxy(43.4682, 0.3054, 0.3196)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.4682, 0.3054, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	AEB0B7
RGB	174, 176, 183
RGB Percent	68%, 69%, 72%
CMY	0.3174, 0.3098, 0.2823
CMYK	0.05, 0.04, 0.00, 0.28
HSL	227°, 6%, 70%
HSV	227°, 5%, 72%
XYZ	41.5369, 43.4682, 51.0031
YIQ	176.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

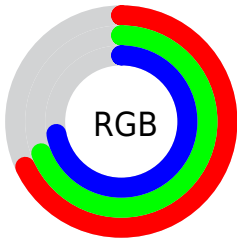
Format	Color
RYB	174, 176, 183
Decimal	11448503
CIELab	71.87, 0.68, -3.82
CIELCh	72, 3.882, 280.031
Yxy	43.4682, 0.3054, 0.3196
Android (android.graphics.Color)	4289638583 (0xFFAEB0B7)
YUV	176.2000, 3.3524, -1.9294
Hunter-Lab	65.9304, -2.9213, 0.2852

Details

The Yxy color **43.4682, 0.3054, 0.3196** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.2018, 0.3200, 0.3382**, and the grayscale version is **43.5139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6032, 0.3064, 0.3217**, and **20.1646, 0.3037, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **36.1786, 0.2894, 0.2985**, and if you desaturate by 10%, it is **51.6422, 0.3200, 0.3382**.

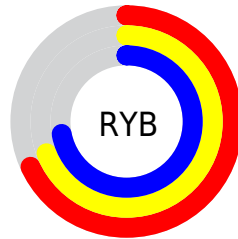
Distribution



Red (68%)

Green (69%)

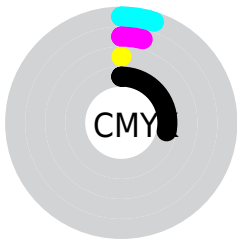
Blue (72%)



Red (68%)

Yellow (69%)

Blue (72%)

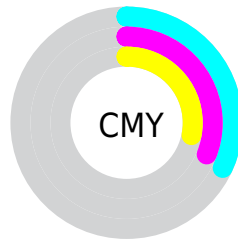


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4682, 0.3054, 0.3196 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 43.4682, 0.3054, 0.3196 by changing the saturation by 10% instead.

■ 43.4682, 0.3054,
0.3196

■ 43.4682, 0.3054,
0.3196

360.5337, 0.3091,
0.3244

■ 30.2526, 0.3045,
0.3184

■ 80.4169, 0.3068,
0.3213

■ 20.0304, 0.3032,
0.3168

104.9189, 0.3073,
0.3220

■ 12.4172, 0.3016,
0.3148

133.9517, 0.3077,
0.3225

■ 7.0285, 0.2993,
0.3118

167.8999, 0.3081,
0.3230

■ 3.4799, 0.2958,
0.3073

207.1478, 0.3084,
0.3234

■ 1.3871, 0.2897,
0.2997

252.0798, 0.3086,

■ 0.2072, 0.2337,

0.3238

0.2268

303.0803, 0.3089,
0.3241

0.0000, 0.0000,
0.0000

43.4682, 0.3054,
0.3196

43.4682, 0.3054,
0.3196

36.1786, 0.2894,
0.2985

51.6422, 0.3200,
0.3382

29.7379, 0.2720,
0.2750

60.7234, 0.3331,
0.3545

24.1163, 0.2536,
0.2490

70.7408, 0.3449,
0.3686

19.2804, 0.2346,
0.2212

81.7203, 0.3554,
0.3810

15.1942, 0.2156,
0.1921

91.6298, 0.3574,
0.3933

■ 11.8188, 0.1977,
0.1631

■ 96.1991, 0.3555,
0.3998

■ 9.1117, 0.1818,
0.1355

■ 7.0253, 0.1690,
0.1110

■ 5.5051, 0.1599,
0.0909

Harmonies

Analogous

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



43.4682, 0.3024, 0.3216



43.4682, 0.3054, 0.3196



43.4682, 0.3103, 0.3201

Triad

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



43.4682, 0.3054, 0.3196



43.4682, 0.3234, 0.3323



43.4682, 0.3094, 0.3351

Complementary

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



43.4682, 0.3054, 0.3196



46.2018, 0.3200, 0.3382

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.



43.4682, 0.3150, 0.3381



43.4682, 0.3054, 0.3196



43.4682, 0.3231, 0.3364

Square

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



43.4682, 0.3054, 0.3196



43.4682, 0.3208, 0.3275



43.4682, 0.3201, 0.3385



43.4682, 0.3047, 0.3305

Rectangle

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



43.4682, 0.3054, 0.3196



43.4682, 0.3141, 0.3218



43.4682, 0.3201, 0.3385



43.4682, 0.3113, 0.3364

Sweetspot

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



43.4700, 0.3054, 0.3196



83.3314, 0.3112, 0.3271



46.2128, 0.3067, 0.3316



18.4222, 0.3113, 0.3272



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.4700, 0.3054, 0.3196



76.1906, 0.3035, 0.3172



43.0103, 0.3077, 0.3171



9.4963, 0.3029, 0.3163



3.5089, 0.1568, 0.0843



0.2158, 0.1703, 0.1331

Inverse Universe

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



43.4944, 0.3191, 0.3265



76.2544, 0.3208, 0.3258



46.6869, 0.3176, 0.3408



9.5053, 0.3214, 0.3256



7.1366, 0.6001, 0.3079



0.2609, 0.5284, 0.2684

Previews

White Background



This preview shows how the Yxy color 43.4682, 0.3054, 0.3196 looks on a white background.

Color Contrast Check

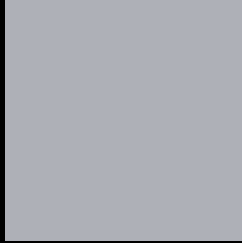
Large Text (above 18pt) WCAG AA × Fail

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 43.4682, 0.3054, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

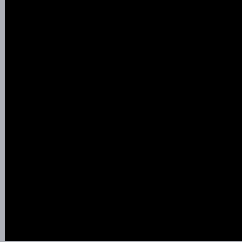
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

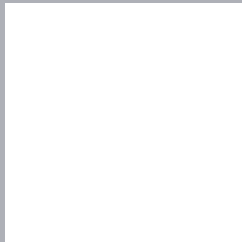
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4682, 0.3054, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 43.4682, 0.3054, 0.3196.



This preview shows how white text looks on a background with the Yxy color 43.4682, 0.3054, 0.3196.

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

43.4682, 0.3054, 0.3196

Protanopia

43.3845, 0.3088, 0.3197

Deuteranopia

43.4053, 0.3180, 0.3123



Tritanopia

43.4480, 0.3015, 0.3105

Trichromacy



Original Color

43.4682, 0.3054, 0.3196

Protanomaly

43.2674, 0.3079, 0.3197

Deuteranomaly

43.5382, 0.3134, 0.3147

Tritanomaly

43.3618, 0.3031, 0.3131

Monochromacy



Original Color

43.4682, 0.3054, 0.3196

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4193, 0.3094, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4682, 0.3054, 0.3196 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(174, 176, 183)` looks like.

```
.text, #text, p{  
    color:rgb(174, 176, 183)  
}
```

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(174, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 176, 183) }
```

Border

The CSS property to change the border of an element to Yxy 43.4682, 0.3054, 0.3196 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(174, 176, 183) }
```

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

```
.border{ border-color:rgb(174, 176, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 176, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 176, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 176, 183);  
box-shadow:4px 4px 4px 4px rgb(174, 176,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4682, 0.3054, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 176, 183) }
```

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

```
.background{ background-color: rgb(174,  
176, 183) }
```

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