

Converting Colors

$Yxy(43.7178, 0.3261, 0.3559)$

Have a look what the booklet for
Yxy(43.7178, 0.3261, 0.3559)
contains.

Yxy(43.8574, 0.3255, 0.3564)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.8574, 0.3255, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	AFB39F
RGB	175, 179, 159
RGB Percent	69%, 70%, 62%
CMY	0.3137, 0.2980, 0.3766
CMYK	0.02, 0.00, 0.11, 0.30
HSL	72°, 12%, 66%
HSV	72°, 11%, 70%
XYZ	40.0549, 43.8574, 39.1443
YIQ	175.5240, 4.0360, -7.0680

Conversions

Conversions Part 2

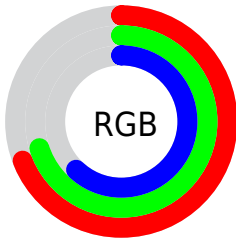
Format	Color
RYB	159, 179, 163
Decimal	11514783
CIELab	72.13, -5.02, 9.74
CIELCh	72, 10.959, 117.251
Yxy	43.8574, 0.3255, 0.3564
Android (android.graphics.Color)	4289704863 (0xFFAFB39F)
YUV	175.5240, -8.1463, -0.4595
Hunter-Lab	66.2249, -7.9311, 11.3122

Details

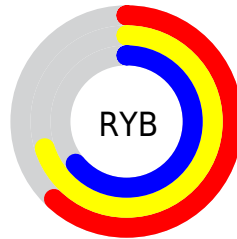
The Yxy color **43.8574, 0.3255, 0.3564** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8290, 0.2991, 0.3007**, and the grayscale version is **43.1970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2606, 0.3232, 0.3511**, and **20.2154, 0.3293, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **42.8729, 0.3371, 0.3821**, and if you desaturate by 10%, it is **44.9467, 0.3141, 0.3318**.

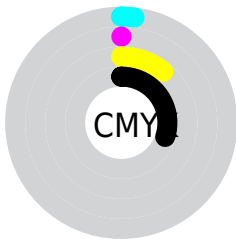
Distribution



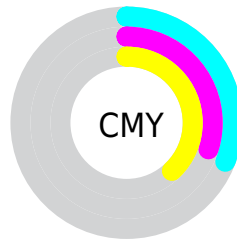
- Red (69%)
- Green (70%)
- Blue (62%)



- Red (62%)
- Yellow (70%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)





- Cyan (31%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8574, 0.3255, 0.3564 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 43.8574, 0.3255, 0.3564 by changing the saturation by 10% instead.


 43.8574, 0.3255,
0.3564

 43.8574, 0.3255,
0.3564


362.1260, 0.3191,
0.3424

 30.5584, 0.3271,
0.3600


 81.0031, 0.3232,
0.3512

 20.2628, 0.3291,
0.3647


 105.6187, 0.3223,
0.3493

 12.5862, 0.3318,
0.3710


134.7752, 0.3216,
0.3477

 7.1443, 0.3356,
0.3800

168.8570, 0.3209,
0.3464

 3.5525, 0.3411,
0.3939

208.2486, 0.3204,
0.3452

 1.4265, 0.3511,
0.4193

253.3344, 0.3199,

 0.2361, 0.3015,

0.3441

0.6985

304.4988, 0.3195,
0.3432

0.0000, 0.0000,
0.0000

43.8574, 0.3255,
0.3564

43.8574, 0.3255,
0.3564

42.8729, 0.3371,
0.3821

44.9467, 0.3141,
0.3318

41.9836, 0.3484,
0.4083

46.1388, 0.3030,
0.3088

41.1872, 0.3590,
0.4343

47.4392, 0.2925,
0.2874

40.4790, 0.3685,
0.4591

48.8511, 0.2826,
0.2678

39.8542, 0.3762,
0.4817

50.3777, 0.2735,
0.2500

■ 39.3072, 0.3818,
0.5009

■ 51.2671, 0.2720,
0.2443

■ 38.8317, 0.3849,
0.5160

■ 51.7552, 0.2746,
0.2449

■ 38.4201, 0.3855,
0.5266

■ 52.2550, 0.2772,
0.2455

■ 38.0971, 0.3844,
0.5330

■ 52.7664, 0.2798,
0.2461

Harmonies

Analogous

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



43.8574, 0.3379, 0.3540



43.8574, 0.3255, 0.3564



43.8574, 0.3099, 0.3510

Triad

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



43.8574, 0.3255, 0.3564



43.8574, 0.2828, 0.3119



43.8574, 0.3301, 0.3190

Complementary

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



43.8574, 0.3255, 0.3564



35.8290, 0.2991, 0.3007

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.



43.8574, 0.3150, 0.3084



43.8574, 0.3255, 0.3564



43.8574, 0.2879, 0.3041

Square

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



43.8574, 0.3255, 0.3564



43.8574, 0.2855, 0.3247



43.8574, 0.2995, 0.3030



43.8574, 0.3407, 0.3322

Rectangle

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



43.8574, 0.3255, 0.3564



43.8574, 0.2998, 0.3436



43.8574, 0.2995, 0.3030



43.8574, 0.3254, 0.3150

Sweetspot

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



43.8593, 0.3255, 0.3564



80.1142, 0.3162, 0.3363



38.2757, 0.3317, 0.3346



17.7138, 0.3171, 0.3382



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.



43.8593, 0.3255, 0.3564



78.1703, 0.3278, 0.3615



42.7437, 0.3166, 0.3572



9.8190, 0.3233, 0.3517



26.9463, 0.3848, 0.5326



0.8697, 0.3950, 0.5245

Inverse Universe

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



35.8290, 0.2991, 0.3007



61.4145, 0.2963, 0.2952



36.9277, 0.3083, 0.3015



8.3094, 0.3015, 0.3057



2.5857, 0.1608, 0.0660



0.1053, 0.1875, 0.0807

Previews

White Background



This preview shows how the Yxy color 43.8574, 0.3255, 0.3564 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 43.8574, 0.3255, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

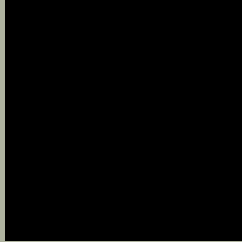
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

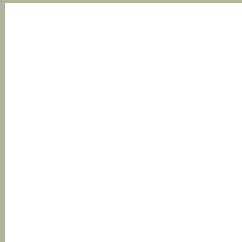
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8574, 0.3255, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 43.8574, 0.3255, 0.3564.



This preview shows how white text looks on a background with the Yxy color 43.8574, 0.3255, 0.3564.

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

43.8574, 0.3255, 0.3564

Protanopia

43.6753, 0.3359, 0.3545

Deuteranopia

43.6020, 0.3486, 0.3406



Tritanopia

43.9178, 0.3049, 0.3107

Trichromacy



Original Color

43.8574, 0.3255, 0.3564

Protanomaly

43.7367, 0.3321, 0.3547

Deuteranomaly

43.5016, 0.3404, 0.3461

Tritanomaly

43.7300, 0.3128, 0.3263

Monochromacy



Original Color

43.8574, 0.3255, 0.3564

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5767, 0.3175, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8574, 0.3255, 0.3564 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(175, 179, 159)` looks like.

```
.text, #text, p{  
    color:rgb(175, 179, 159)  
}
```

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(175, 179, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 179, 159) }
```

Border

The CSS property to change the border of an element to Yxy 43.8574, 0.3255, 0.3564 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(175, 179, 159) }
```

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

```
.border{ border-color:rgb(175, 179, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 179, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 179, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 179, 159);  
box-shadow:4px 4px 4px 4px rgb(175, 179,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8574, 0.3255, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 179, 159) }
```

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

```
.background{ background-color: rgb(175,  
179, 159) }
```

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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