

Converting Colors

$Yxy(43.6916, 0.3307, 0.3687)$

Have a look what the booklet for
Yxy(43.6916, 0.3307, 0.3687)
contains.

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Color

Yxy(43.8756, 0.3310, 0.3690)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AEB497 |
| RGB | 174, 180, 151 |
| RGB Percent | 68%, 71%, 59% |
| CMY | 0.3178, 0.2941, 0.4079 |
| CMYK | 0.03, 0.00, 0.16, 0.29 |
| HSL | 73°, 16%, 65% |
| HSV | 73°, 16%, 71% |
| XYZ | 39.3572, 43.8756, 35.6712 |
| YIQ | 174.9000, 5.7330, -10.2910 |

Conversions

Conversions Part 2

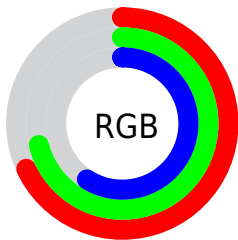
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 151, 180, 157 |
| Decimal | 11449495 |
| CIELab | 72.15, -7.26, 14.10 |
| CIELCh | 72, 15.860, 117.243 |
| Yxy | 43.8756, 0.3310, 0.3690 |
| Android (android.graphics.Color) | 4289639575 (0xFFAEB497) |
| YUV | 174.9000, -11.7827, -0.7893 |
| Hunter-Lab | 66.2387, -9.8577, 14.4379 |

Details

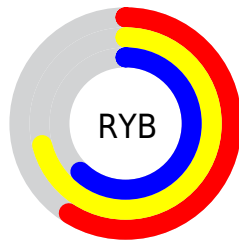
The Yxy color **43.8756, 0.3310, 0.3690** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.6009, 0.2926, 0.2871**, and the grayscale version is **42.8737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2217, 0.3282, 0.3619**, and **20.1638, 0.3357, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **42.9119, 0.3424, 0.3951**, and if you desaturate by 10%, it is **44.9445, 0.3196, 0.3438**.

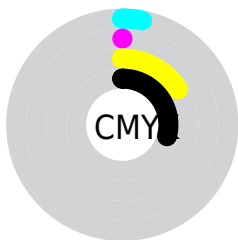
Distribution



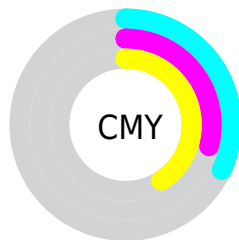
- Red (68%)
- Green (71%)
- Blue (59%)



- Red (59%)
- Yellow (71%)
- Blue (62%)



- Cyan (3%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)




- Cyan (32%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8756, 0.3310, 0.3690 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 43.8756, 0.3310, 0.3690 by changing the saturation by 10% instead.

 43.8756, 0.3310,
0.3690


 43.8756, 0.3310,
0.3690


362.2004, 0.3219,
0.3485

 30.5727, 0.3332,
0.3743


 81.0305, 0.3277,
0.3614

 20.2737, 0.3361,
0.3811


 105.6513, 0.3265,
0.3586

 12.5942, 0.3398,
0.3904


134.8136, 0.3254,
0.3563

 7.1497, 0.3448,
0.4037

168.9017, 0.3245,
0.3543

 3.5559, 0.3520,
0.4241

208.3001, 0.3238,
0.3525

 1.4284, 0.3718,
0.4707

253.3930, 0.3231,

 0.2375, 0.1696,

0.3510

0.8304

304.5650, 0.3225,
0.3497

0.0000, 0.0000,
0.0000

43.8756, 0.3310,
0.3690

43.8756, 0.3310,
0.3690

42.9119, 0.3424,
0.3951

44.9445, 0.3196,
0.3438

42.0435, 0.3533,
0.4214

46.1167, 0.3084,
0.3199

41.2678, 0.3632,
0.4471

47.3977, 0.2977,
0.2977

40.5801, 0.3718,
0.4711

48.7911, 0.2877,
0.2773

39.9750, 0.3783,
0.4922

50.3002, 0.2783,
0.2586

■ 39.4465, 0.3826,
0.5097

■ 51.6672, 0.2720,
0.2455

■ 38.9877, 0.3843,
0.5227

■ 52.1781, 0.2747,
0.2461

■ 38.5896, 0.3836,
0.5313

■ 52.7016, 0.2774,
0.2467

■ 38.4441, 0.3830,
0.5341

■ 53.2379, 0.2802,
0.2473

Harmonies

Analogous

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



43.8756, 0.3491, 0.3651



43.8756, 0.3310, 0.3690



43.8756, 0.3084, 0.3612

Triad

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



43.8756, 0.3310, 0.3690



43.8756, 0.2698, 0.3041



43.8756, 0.3379, 0.3145

Complementary

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



43.8756, 0.3310, 0.3690



32.6009, 0.2926, 0.2871

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.



43.8756, 0.3158, 0.2996



43.8756, 0.3310, 0.3690



43.8756, 0.2770, 0.2932

Square

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



43.8756, 0.3310, 0.3690



43.8756, 0.2736, 0.3225



43.8756, 0.2936, 0.2918



43.8756, 0.3534, 0.3333

Rectangle

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



43.8756, 0.3310, 0.3690



43.8756, 0.2940, 0.3503



43.8756, 0.2936, 0.2918



43.8756, 0.3309, 0.3089

Sweetspot

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



43.8775, 0.3310, 0.3690



81.6905, 0.3184, 0.3412



35.9860, 0.3414, 0.3372



17.6257, 0.3192, 0.3429



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.



43.8775, 0.3310, 0.3690



78.9647, 0.3347, 0.3773



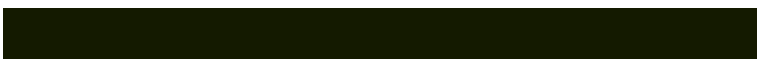
42.3254, 0.3183, 0.3706



9.8155, 0.3232, 0.3517



26.8563, 0.3834, 0.5337



0.8675, 0.3940, 0.5253

Inverse Universe

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



32.6009, 0.2926, 0.2871



54.9982, 0.2880, 0.2779



34.1212, 0.3061, 0.2888



8.3126, 0.3016, 0.3057



2.6050, 0.1616, 0.0664



0.1066, 0.1889, 0.0814

Previews

White Background



This preview shows how the Yxy color 43.8756, 0.3310, 0.3690 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 43.8756, 0.3310, 0.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

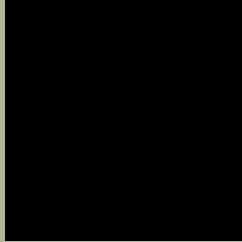
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

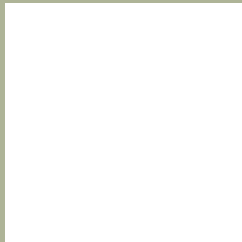
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8756, 0.3310, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 43.8756, 0.3310, 0.3690.



This preview shows how white text looks on a background with the Yxy color 43.8756, 0.3310, 0.3690.

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

43.8756, 0.3310, 0.3690

Protanopia

43.6597, 0.3446, 0.3652

Deuteranopia

43.6059, 0.3579, 0.3508



Tritanopia

43.9178, 0.3049, 0.3107

Trichromacy



Original Color

43.8756, 0.3310, 0.3690

Protanomaly

43.5914, 0.3398, 0.3656

Deuteranomaly

43.7456, 0.3481, 0.3580

Tritanomaly

43.8865, 0.3143, 0.3317

Monochromacy



Original Color

43.8756, 0.3310, 0.3690

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.3114, 0.3199, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8756, 0.3310, 0.3690 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, 180, 151)` looks like.

```
.text, #text, p{  
    color:rgb(174, 180, 151)  
}
```

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, 180, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 180, 151) }
```

Border

The CSS property to change the border of an element to Yxy 43.8756, 0.3310, 0.3690 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, 180, 151) }
```

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

```
.border{ border-color:rgb(174, 180, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 180, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 180, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 180, 151);  
box-shadow:4px 4px 4px 4px rgb(174, 180,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8756, 0.3310, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 180, 151) }
```

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

```
.background{ background-color: rgb(174,  
180, 151) }
```

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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