

Converting Colors

$Yxy(43.4885, 0.3258, 0.3666)$

Have a look what the booklet for
Yxy(43.4885, 0.3258, 0.3666)
contains.

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Color

Yxy(43.4885, 0.3258, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	AAB499
RGB	170, 180, 153
RGB Percent	67%, 71%, 60%
CMY	0.3333, 0.2941, 0.4000
CMYK	0.06, 0.00, 0.15, 0.29
HSL	82°, 15%, 65%
HSV	82°, 15%, 71%
XYZ	38.6485, 43.4885, 36.4895
YIQ	173.9320, 2.7070, -10.5170

Conversions

Conversions Part 2

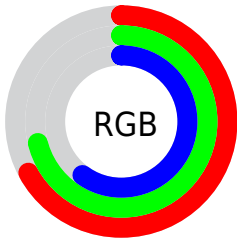
Format	Color
RYB	153, 180, 163
Decimal	11187353
CIELab	71.89, -8.39, 12.61
CIELCh	72, 15.143, 123.645
Yxy	43.4885, 0.3258, 0.3666
Android (android.graphics.Color)	4289377433 (0xFFAAB499)
YUV	173.9320, -10.3195, -3.4484
Hunter-Lab	65.9458, -10.7926, 13.3554

Details

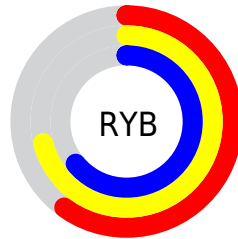
The Yxy color **43.4885, 0.3258, 0.3666** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8605, 0.2982, 0.2907**, and the grayscale version is **42.3445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5035, 0.3234, 0.3601**, and **19.9896, 0.3297, 0.3775** is the 20% darker color. If you saturate the color by 10%, you get **42.2158, 0.3344, 0.3936**, and if you desaturate by 10%, it is **44.8923, 0.3171, 0.3411**.

Distribution



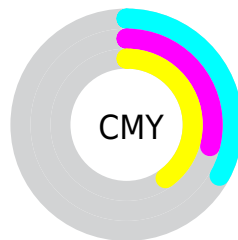
- Red (67%)
- Green (71%)
- Blue (60%)



- Red (60%)
- Yellow (71%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (29%)





- Cyan (33%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4885, 0.3258, 0.3666 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 43.4885, 0.3258, 0.3666 by changing the saturation by 10% instead.


 43.4885, 0.3258,
0.3666


 43.4885, 0.3258,
0.3666


360.6169, 0.3194,
0.3473

 30.2686, 0.3274,
0.3716


 80.4475, 0.3235,
0.3594

 20.0425, 0.3294,
0.3781

 104.9554, 0.3226,
0.3568

 12.4260, 0.3320,
0.3870


133.9947, 0.3219,
0.3546

 7.0345, 0.3355,
0.3997

167.9499, 0.3212,
0.3527

 3.4837, 0.3404,
0.4195

207.2053, 0.3207,
0.3510

 1.3892, 0.3539,
0.4626

252.1453, 0.3202,

 0.2087, 0.0000,

0.3496

1.0000

303.1544, 0.3197,
0.3484

0.0000, 0.0000,
0.0000

43.4885, 0.3258,
0.3666

43.4885, 0.3258,
0.3666

42.2158, 0.3344,
0.3936

44.8923, 0.3171,
0.3411

41.0641, 0.3425,
0.4215

46.4259, 0.3084,
0.3174

40.0303, 0.3498,
0.4494

48.0952, 0.3001,
0.2957

39.1092, 0.3556,
0.4764

49.9042, 0.2923,
0.2760

38.2951, 0.3596,
0.5011

51.8564, 0.2849,
0.2582

■ 37.5814, 0.3614,
0.5223

■ 53.5635, 0.2818,
0.2477

■ 36.9610, 0.3608,
0.5390

■ 54.5619, 0.2868,
0.2488

■ 36.4250, 0.3579,
0.5508

■ 55.6015, 0.2918,
0.2500

■ 36.1797, 0.3560,
0.5556

■ 56.6828, 0.2968,
0.2511

Harmonies

Analogous

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



43.4885, 0.3445, 0.3653



43.4885, 0.3258, 0.3666



43.4885, 0.3040, 0.3569

Triad

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



43.4885, 0.3258, 0.3666



43.4885, 0.2722, 0.3022



43.4885, 0.3407, 0.3188

Complementary

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



43.4885, 0.3258, 0.3666



33.8605, 0.2982, 0.2907

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.



43.4885, 0.3204, 0.3033



43.4885, 0.3258, 0.3666



43.4885, 0.2812, 0.2936

Square

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



43.4885, 0.3258, 0.3666



43.4885, 0.2736, 0.3186



43.4885, 0.2986, 0.2942



43.4885, 0.3535, 0.3371

Rectangle

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



43.4885, 0.3258, 0.3666



43.4885, 0.2907, 0.3455



43.4885, 0.2986, 0.2942



43.4885, 0.3345, 0.3131

Sweetspot

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



43.4904, 0.3258, 0.3666



81.3743, 0.3171, 0.3413



38.1608, 0.3382, 0.3428



17.5483, 0.3177, 0.3430



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.



43.4904, 0.3258, 0.3666



78.0653, 0.3287, 0.3754



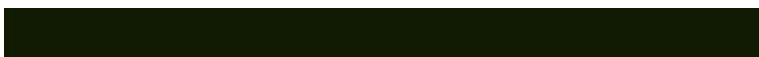
42.0710, 0.3140, 0.3680



9.7463, 0.3208, 0.3519



25.2891, 0.3567, 0.5550



0.8275, 0.3746, 0.5408

Inverse Universe

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



33.8605, 0.2982, 0.2907



57.2483, 0.2945, 0.2816



35.3520, 0.3109, 0.2922



8.3782, 0.3041, 0.3059



3.1591, 0.1812, 0.0772



0.1333, 0.2151, 0.0958

Previews

White Background



This preview shows how the Yxy color 43.4885, 0.3258, 0.3666 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 43.4885, 0.3258, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

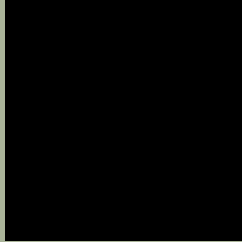
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4885, 0.3258, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 43.4885, 0.3258, 0.3666.



This preview shows how white text looks on a background with the Yxy color 43.4885, 0.3258, 0.3666.

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

43.4885, 0.3258, 0.3666

Protanopia

43.5993, 0.3420, 0.3626

Deuteranopia

43.5335, 0.3551, 0.3483



Tritanopia

43.4480, 0.3015, 0.3105

Trichromacy



Original Color

43.4885, 0.3258, 0.3666

Protanomaly

43.4146, 0.3362, 0.3630

Deuteranomaly

43.5523, 0.3445, 0.3555

Tritanomaly

43.4631, 0.3100, 0.3303

Monochromacy



Original Color

43.4885, 0.3258, 0.3666

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.6881, 0.3183, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4885, 0.3258, 0.3666 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(170, 180, 153)` looks like.

```
.text, #text, p{  
    color:rgb(170, 180, 153)  
}
```

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(170, 180, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 180, 153) }
```

Border

The CSS property to change the border of an element to Yxy 43.4885, 0.3258, 0.3666 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(170, 180, 153) }
```

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

```
.border{ border-color:rgb(170, 180, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 180, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 180, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 180, 153);  
box-shadow:4px 4px 4px 4px rgb(170, 180,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4885, 0.3258, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 180, 153) }
```

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

```
.background{ background-color: rgb(170,  
180, 153) }
```

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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