

Converting Colors

$Y_{xy}(41.4239, 0.3367, 0.3710)$

Have a look what the booklet for
Yxy(41.4239, 0.3367, 0.3710)
contains.

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Color

Yxy(41.5885, 0.3361, 0.3710)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | ADAF91 |
| RGB | 173, 175, 145 |
| RGB Percent | 68%, 69%, 57% |
| CMY | 0.3215, 0.3137, 0.4313 |
| CMYK | 0.01, 0.00, 0.17, 0.31 |
| HSL | 64°, 16%, 63% |
| HSV | 64°, 17%, 69% |
| XYZ | 37.6763, 41.5885, 32.8336 |
| YIQ | 170.9820, 8.4380, -9.7540 |

Conversions

Conversions Part 2

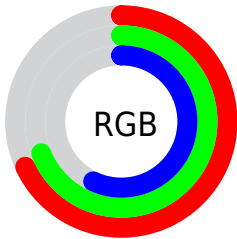
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 145, 175, 147 |
| Decimal | 11382673 |
| CIELab | 70.59, -5.92, 15.17 |
| CIELCh | 71, 16.285, 111.329 |
| Yxy | 41.5885, 0.3361, 0.3710 |
| Android (android.graphics.Color) | 4289572753 (0xFFADAF91) |
| YUV | 170.9820, -12.8091, 1.7698 |
| Hunter-Lab | 64.4891, -8.5716, 14.9558 |

Details

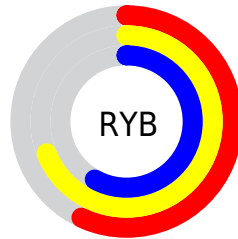
The Yxy color **41.5885, 0.3361, 0.3710** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.5528, 0.2871, 0.2838**, and the grayscale version is **40.7793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3752, 0.3321, 0.3624**, and **18.9671, 0.3426, 0.3857** is the 20% darker color. If you saturate the color by 10%, you get **40.9593, 0.3499, 0.3962**, and if you desaturate by 10%, it is **42.3057, 0.3223, 0.3462**.

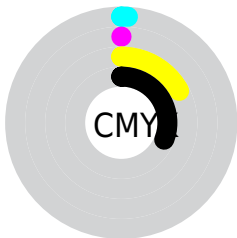
Distribution



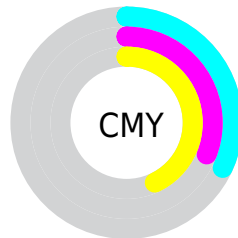
- Red (68%)
- Green (69%)
- Blue (57%)



- Red (57%)
- Yellow (69%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (31%)





- Cyan (32%)
- Magenta (31%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5885, 0.3361, 0.3710 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 41.5885, 0.3361, 0.3710 by changing the saturation by 10% instead.


 41.5885, 0.3361,
0.3710

 41.5885, 0.3361,
0.3710


352.7743, 0.3244,
0.3493

 28.7792, 0.3390,
0.3766


 77.5765, 0.3318,
0.3630

 18.9139, 0.3428,
0.3839


 101.5239, 0.3302,
0.3600

 11.6081, 0.3478,
0.3939


129.9529, 0.3289,
0.3575

 6.4774, 0.3546,
0.4082

163.2478, 0.3277,
0.3554

 3.1375, 0.3645,
0.4302

201.7930, 0.3267,
0.3536

 1.2039, 0.4074,
0.5026

245.9728, 0.3258,

 0.0649, 0.0000,

0.3520

1.0000

296.1718, 0.3250,
0.3506

0.0000, 0.0000,
0.0000

41.5885, 0.3361,
0.3710

41.5885, 0.3361,
0.3710

40.9593, 0.3499,
0.3962

42.3057, 0.3223,
0.3462

40.4088, 0.3633,
0.4209

43.1089, 0.3089,
0.3223

39.9347, 0.3757,
0.4444

44.0033, 0.2962,
0.2997

39.5326, 0.3866,
0.4655

44.9922, 0.2842,
0.2787

39.1976, 0.3954,
0.4835

46.0784, 0.2731,
0.2594

■ 38.9241, 0.4019,
0.4975

■ 47.2649, 0.2629,
0.2417

■ 38.7056, 0.4059,
0.5073

■ 47.7222, 0.2607,
0.2371

■ 38.5326, 0.4075,
0.5130

■ 47.8635, 0.2615,
0.2373

■ 38.4863, 0.4078,
0.5144

■ 48.0060, 0.2623,
0.2375

Harmonies

Analogous

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



41.5885, 0.3535, 0.3646



41.5885, 0.3361, 0.3710



41.5885, 0.3129, 0.3653

Triad

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



41.5885, 0.3361, 0.3710



41.5885, 0.2678, 0.3062



41.5885, 0.3348, 0.3103

Complementary

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



41.5885, 0.3361, 0.3710



29.5528, 0.2871, 0.2838

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.



41.5885, 0.3111, 0.2960



41.5885, 0.3361, 0.3710



41.5885, 0.2731, 0.2931

Square

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



41.5885, 0.3361, 0.3710



41.5885, 0.2740, 0.3265



41.5885, 0.2887, 0.2897



41.5885, 0.3529, 0.3294

Rectangle

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



41.5885, 0.3361, 0.3710



41.5885, 0.2974, 0.3551



41.5885, 0.2887, 0.2897



41.5885, 0.3272, 0.3049

Sweetspot

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



41.5903, 0.3361, 0.3710



76.0486, 0.3195, 0.3412



31.8744, 0.3445, 0.3313



16.8814, 0.3205, 0.3429



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



41.5903, 0.3361, 0.3710



73.9899, 0.3419, 0.3816



40.0257, 0.3227, 0.3728



9.3027, 0.3253, 0.3515



27.5714, 0.4079, 0.5143



0.7749, 0.4116, 0.5114

Inverse Universe

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



29.5528, 0.2871, 0.2838



47.9009, 0.2799, 0.2712



30.9791, 0.3012, 0.2856



7.7817, 0.2995, 0.3056



2.2810, 0.1526, 0.0614



0.0715, 0.1638, 0.0676

Previews

White Background



This preview shows how the Yxy color 41.5885, 0.3361, 0.3710 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 41.5885, 0.3361, 0.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

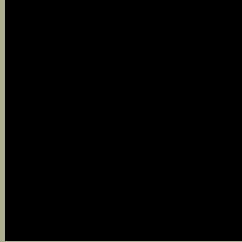
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

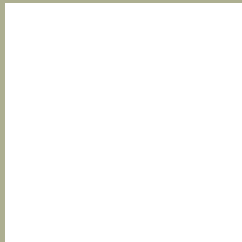
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5885, 0.3361, 0.3710

Background



This preview shows how black text looks on a background with the Yxy color 41.5885, 0.3361, 0.3710.



This preview shows how white text looks on a background with the Yxy color 41.5885, 0.3361, 0.3710.

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

41.5885, 0.3361, 0.3710

Protanopia

41.4637, 0.3462, 0.3674

Deuteranopia

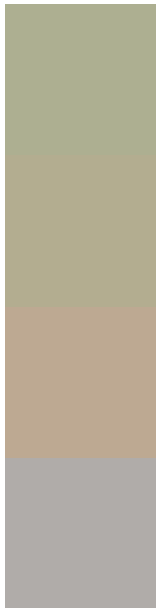
41.3848, 0.3608, 0.3539



Tritanopia

41.6333, 0.3091, 0.3117

Trichromacy



Original Color

41.5885, 0.3361, 0.3710

Protanomaly

41.4845, 0.3431, 0.3690

Deuteranomaly

41.2701, 0.3520, 0.3599

Tritanomaly

41.5997, 0.3188, 0.3331

Monochromacy



Original Color

41.5885, 0.3361, 0.3710

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.8843, 0.3211, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5885, 0.3361, 0.3710 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, 175, 145)` looks like.

```
.text, #text, p{  
    color:rgb(173, 175, 145)  
}
```

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, 175, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 175, 145) }
```

Border

The CSS property to change the border of an element to Yxy 41.5885, 0.3361, 0.3710 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, 175, 145) }
```

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

```
.border{ border-color:rgb(173, 175, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 175, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 175, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 175, 145);  
box-shadow:4px 4px 4px 4px rgb(173, 175,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5885, 0.3361, 0.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 175, 145) }
```

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

```
.background{ background-color: rgb(173,  
175, 145) }
```

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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