

Converting Colors

$Y_{xy}(35.8749, 0.3525, 0.3424)$

Have a look what the booklet for
Yxy(35.8749, 0.3525, 0.3424)
contains.

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Color

Yxy(35.8013, 0.3529, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	B99B91
RGB	185, 155, 145
RGB Percent	73%, 61%, 57%
CMY	0.2744, 0.3922, 0.4313
CMYK	0.00, 0.16, 0.22, 0.27
HSL	15°, 22%, 65%
HSV	15°, 22%, 73%
XYZ	36.8454, 35.8013, 31.7607
YIQ	162.8300, 21.0900, 3.2500

Conversions

Conversions Part 2

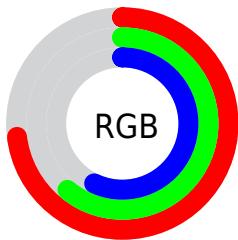
Format	Color
RYB	185, 158, 145
Decimal	12163985
CIELab	66.37, 9.54, 9.37
CIELCh	66, 13.374, 44.498
Yxy	35.8013, 0.3529, 0.3429
Android (android.graphics.Color)	4290354065 (0xFFB99B91)
YUV	162.8300, -8.7902, 19.4431
Hunter-Lab	59.8342, 5.2089, 10.4121

Details

The Yxy color **35.8013, 0.3529, 0.3429** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2029, 0.2800, 0.3147**, and the grayscale version is **36.5785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4252, 0.3445, 0.3398**, and **15.5521, 0.3648, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **30.9183, 0.3773, 0.3498**, and if you desaturate by 10%, it is **41.3122, 0.3324, 0.3362**.

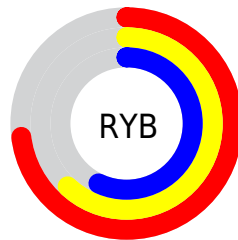
Distribution



Red (73%)

Green (61%)

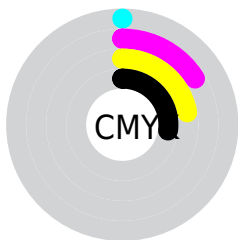
Blue (57%)



Red (73%)

Yellow (62%)

Blue (57%)

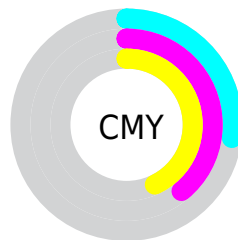


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (27%)



Cyan (27%)


Magenta (39%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8013, 0.3529, 0.3429 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 35.8013, 0.3529, 0.3429 by changing the saturation by 10% instead.


 35.8013, 0.3529,
0.3429

 35.8013, 0.3529,
0.3429


328.0912, 0.3318,
0.3360

 24.2808, 0.3585,
0.3446


 68.7253, 0.3450,
0.3404

 15.5420, 0.3660,
0.3468


 90.8975, 0.3421,
0.3394

 9.2007, 0.3763,
0.3497


117.3891, 0.3396,
0.3386

 4.8723, 0.3915,
0.3535

148.5844, 0.3376,
0.3379

 2.1725, 0.4160,
0.3589

184.8679, 0.3358,
0.3374

 0.7050, 0.5253,
0.4095


226.6240, 0.3343,


 0.0000, 0.0000,


0.3368


0.0000


274.2369, 0.3330,
0.3364


 35.8013, 0.3529,
0.3429


 35.8013, 0.3529,
0.3429


 30.9183, 0.3773,
0.3498


 41.3122, 0.3324,
0.3362


 26.6358, 0.4061,
0.3565


 47.4674, 0.3152,
0.3300

 22.9317, 0.4393,
0.3626

 54.2887, 0.3009,
0.3242

 19.7806, 0.4763,
0.3672

 61.7955, 0.2889,
0.3189

 17.1550, 0.5153,
0.3693

 70.0064, 0.2788,
0.3140

■ 15.0251, 0.5533,
0.3678

■ 78.8726, 0.2708,
0.3108

■ 13.3577, 0.5859,
0.3623

■ 87.2882, 0.2723,
0.3259

■ 12.2837, 0.6078,
0.3556

■ 89.0578, 0.2726,
0.3289

Harmonies

Analogous

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



35.8013, 0.3445, 0.3255



35.8013, 0.3529, 0.3429



35.8013, 0.3501, 0.3574

Triad

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



35.8013, 0.3529, 0.3429



35.8013, 0.2975, 0.3497



35.8013, 0.2882, 0.2948

Complementary

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



35.8013, 0.3529, 0.3429



40.2029, 0.2800, 0.3147

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.



35.8013, 0.2765, 0.2998



35.8013, 0.3529, 0.3429



35.8013, 0.2817, 0.3314

Square

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



35.8013, 0.3529, 0.3429



35.8013, 0.3177, 0.3622



35.8013, 0.2742, 0.3130



35.8013, 0.3067, 0.2984

Rectangle

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



35.8013, 0.3529, 0.3429



35.8013, 0.3423, 0.3634



35.8013, 0.2742, 0.3130



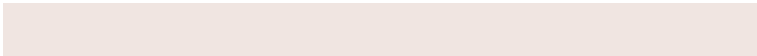
35.8013, 0.2834, 0.2955

Sweetspot

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



35.8029, 0.3529, 0.3429



79.9127, 0.3225, 0.3327



33.6946, 0.3242, 0.2878



17.0743, 0.3236, 0.3331



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.



35.8029, 0.3529, 0.3429



59.7682, 0.3641, 0.3462



42.7728, 0.3476, 0.3686



9.3665, 0.3282, 0.3348



8.4610, 0.6057, 0.3573



0.3995, 0.5543, 0.3981

Inverse Universe

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



40.2029, 0.2800, 0.3147



69.0596, 0.2730, 0.3111



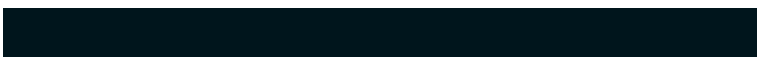
33.1954, 0.2780, 0.2859



9.8209, 0.2985, 0.3232



15.0496, 0.2020, 0.2473



0.6224, 0.2086, 0.2708

Previews

White Background



This preview shows how the Yxy color 35.8013, 0.3529, 0.3429 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 35.8013, 0.3529, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

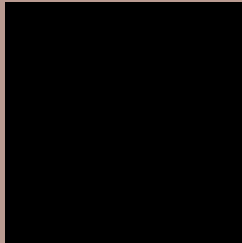
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8013, 0.3529, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 35.8013, 0.3529, 0.3429.



This preview shows how white text looks on a background with the Yxy color 35.8013, 0.3529, 0.3429.

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

35.8013, 0.3529, 0.3429

Protanopia

35.9527, 0.3313, 0.3479

Deuteranopia

35.8885, 0.3505, 0.3444



Tritanopia

35.7016, 0.3367, 0.3129

Trichromacy



Original Color

35.8013, 0.3529, 0.3429

Protanomaly

35.9015, 0.3387, 0.3462

Deuteranomaly

36.0116, 0.3516, 0.3443

Tritanomaly

35.6559, 0.3424, 0.3236

Monochromacy



Original Color

35.8013, 0.3529, 0.3429

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.1998, 0.3270, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8013, 0.3529, 0.3429 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(185, 155, 145)` looks like.

```
.text, #text, p{  
    color:rgb(185, 155, 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(185, 155, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 155, 145) }
```

Border

The CSS property to change the border of an element to Yxy 35.8013, 0.3529, 0.3429 is called "border". The border property can be set on classes, ids or directly on the HTML element.

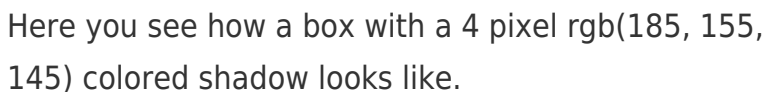
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 155, 145) }
```

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

```
.border{ border-color:rgb(185, 155, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 155, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 155, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 155, 145);  
box-shadow:4px 4px 4px 4px rgb(185, 155,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8013, 0.3529, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 155, 145) }
```

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

```
.background{ background-color: rgb(185,  
155, 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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