

Converting Colors

$Yxy(33.5786, 0.3505, 0.3085)$

Have a look what the booklet for
Yxy(33.5786, 0.3505, 0.3085)
contains.

Yxy(33.4856, 0.3499, 0.3077)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.4856, 0.3499, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	C18F9F
RGB	193, 143, 159
RGB Percent	76%, 56%, 62%
CMY	0.2430, 0.4392, 0.3764
CMYK	0.00, 0.26, 0.18, 0.24
HSL	341°, 29%, 66%
HSV	341°, 26%, 76%
XYZ	38.0780, 33.4856, 37.2618
YIQ	159.7740, 24.6640, 15.5760

Conversions

Conversions Part 2

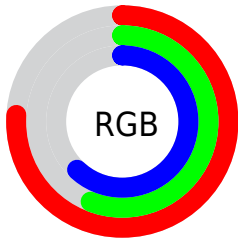
Format	Color
R _Y B	193, 143, 159
Decimal	12685215
CIE Lab	64.55, 21.39, -1.01
CIE LCh	65, 21.411, 357.295
Yxy	33.4856, 0.3499, 0.3077
Android (android.graphics.Color)	4290875295 (0xFFC18F9F)
YUV	159.7740, -0.3816, 29.1392
Hunter-Lab	57.8667, 16.1915, 2.3284

Details

The Yxy color **33.4856, 0.3499, 0.3077** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.1644, 0.2857, 0.3515**, and the grayscale version is **35.0392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1115, 0.3421, 0.3115**, and **14.2260, 0.3622, 0.2999** is the 20% darker color. If you saturate the color by 10%, you get **27.7504, 0.3702, 0.2991**, and if you desaturate by 10%, it is **40.2693, 0.3332, 0.3163**.

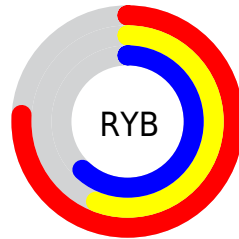
Distribution



Red (76%)

Green (56%)

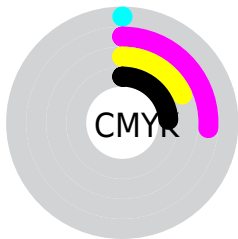
Blue (62%)



Red (76%)

Yellow (56%)

Blue (62%)

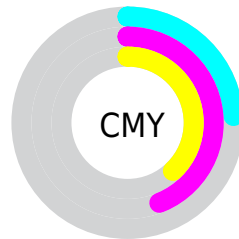


Cyan (0%)

Magenta (26%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (44%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4856, 0.3499, 0.3077 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 33.4856, 0.3499, 0.3077 by changing the saturation by 10% instead.


 33.4856, 0.3499,
0.3077

 33.4856, 0.3499,
0.3077


317.8322, 0.3303,
0.3189

 22.4987, 0.3551,
0.3047


 65.1329, 0.3425,
0.3119

 14.2238, 0.3621,
0.3008


 86.5622, 0.3398,
0.3134

 8.2765, 0.3718,
0.2953


112.2410, 0.3376,
0.3147

 4.2724, 0.3861,
0.2873

142.5537, 0.3357,
0.3158

 1.8271, 0.4095,
0.2743

177.8848, 0.3341,
0.3167

 0.5040, 0.4738,
0.2361

218.6187, 0.3327,

 0.0000, 0.0000,

0.3175

0.0000

265.1397, 0.3314,
0.3183

■ 33.4856, 0.3499,
0.3077

■ 33.4856, 0.3499,
0.3077

■ 27.7504, 0.3702,
0.2991

■ 40.2693, 0.3332,
0.3163

■ 23.0066, 0.3944,
0.2908

■ 48.1458, 0.3196,
0.3244

■ 19.1986, 0.4229,
0.2837


■ 57.1623, 0.3084,
0.3320

■ 16.2633, 0.4553,
0.2788


■ 67.3621, 0.2993,
0.3391


■ 14.1298, 0.4902,
0.2772


■ 78.7858, 0.2919,
0.3455

 12.7160, 0.5253,
0.2800

 89.0189, 0.2855,
0.3475

 11.9187, 0.5575,
0.2876

 89.8175, 0.2788,
0.3333

 11.6863, 0.5697,
0.2912

 90.0807, 0.2768,
0.3289

Harmonies

Analogous

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



33.4856, 0.3169, 0.2865



33.4856, 0.3499, 0.3077



33.4856, 0.3731, 0.3345

Triad

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



33.4856, 0.3499, 0.3077



33.4856, 0.3391, 0.3888



33.4856, 0.2504, 0.2917

Complementary

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



33.4856, 0.3499, 0.3077



47.1644, 0.2857, 0.3515

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.



33.4856, 0.2557, 0.3186



33.4856, 0.3499, 0.3077



33.4856, 0.3058, 0.3775

Square

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



33.4856, 0.3499, 0.3077



33.4856, 0.3662, 0.3820



33.4856, 0.2755, 0.3508



33.4856, 0.2606, 0.2766

Rectangle

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



33.4856, 0.3499, 0.3077



33.4856, 0.3793, 0.3529



33.4856, 0.2755, 0.3508



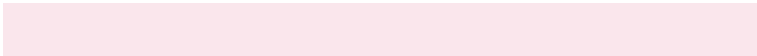
33.4856, 0.2505, 0.2995

Sweetspot

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



33.4871, 0.3499, 0.3077



82.9220, 0.3224, 0.3227



32.7649, 0.2994, 0.2621



17.3168, 0.3243, 0.3214



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



33.4871, 0.3499, 0.3077



54.0168, 0.3607, 0.3029



35.5638, 0.3644, 0.3404



10.1299, 0.3240, 0.3217



7.7836, 0.5663, 0.2894



0.3491, 0.5019, 0.2538

Inverse Universe

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



33.4871, 0.3499, 0.3077



54.0168, 0.3607, 0.3029



44.2571, 0.2741, 0.3173



10.1299, 0.3240, 0.3217



7.7836, 0.5663, 0.2894



0.3491, 0.5019, 0.2538

Previews

White Background



This preview shows how the Yxy color 33.4856, 0.3499, 0.3077 looks on a white background.

Color Contrast Check

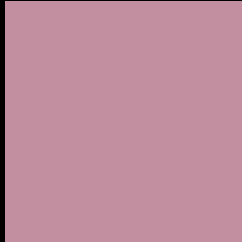
Large Text (above 18pt) WCAG AA × Fail

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 33.4856, 0.3499, 0.3077 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 33.4856, 0.3499, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 33.4856, 0.3499, 0.3077.



This preview shows how white text looks on a background with the Yxy color 33.4856, 0.3499, 0.3077.

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

33.4856, 0.3499, 0.3077

Protanopia

33.7351, 0.3038, 0.3128

Deuteranopia

33.6615, 0.3283, 0.3219



Tritanopia

33.6505, 0.3539, 0.3144

Trichromacy



Original Color

33.4856, 0.3499, 0.3077

Protanomaly

33.3596, 0.3196, 0.3105

Deuteranomaly

33.6668, 0.3360, 0.3165

Tritanomaly

33.6843, 0.3528, 0.3130

Monochromacy



Original Color

33.4856, 0.3499, 0.3077

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.4199, 0.3251, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4856, 0.3499, 0.3077 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(193, 143, 159)` looks like.

```
.text, #text, p{  
    color:rgb(193, 143, 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(193, 143, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 143, 159) }
```

Border

The CSS property to change the border of an element to Yxy 33.4856, 0.3499, 0.3077 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(193, 143, 159) }
```

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

```
.border{ border-color:rgb(193, 143, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 143, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 143, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 143, 159);  
box-shadow:4px 4px 4px 4px rgb(193, 143,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4856, 0.3499, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 143, 159) }
```

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

```
.background{ background-color: rgb(193,  
143, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor