

Converting Colors

$Yxy(34.2395, 0.3411, 0.3200)$

Have a look what the booklet for
Yxy(34.2395, 0.3411, 0.3200)
contains.

Yxy(34.2803, 0.3410, 0.3208)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.2803, 0.3410, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	B7969C
RGB	183, 150, 156
RGB Percent	72%, 59%, 61%
CMY	0.2822, 0.4118, 0.3883
CMYK	0.00, 0.18, 0.15, 0.28
HSL	349°, 19%, 65%
HSV	349°, 18%, 72%
XYZ	36.4388, 34.2803, 36.1396
YIQ	160.5510, 17.7420, 8.8620

Conversions

Conversions Part 2

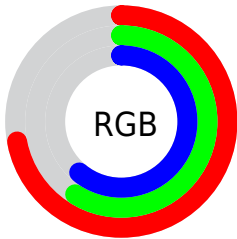
Format	Color
RYB	183, 150, 156
Decimal	12031644
CIELab	65.18, 13.29, 1.50
CIELCh	65, 13.379, 6.430
Yxy	34.2803, 0.3410, 0.3208
Android (android.graphics.Color)	4290221724 (0xFFB7969C)
YUV	160.5510, -2.2436, 19.6878
Hunter-Lab	58.5494, 8.6300, 4.3878

Details

The Yxy color **34.2803, 0.3410, 0.3208** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.5379, 0.2903, 0.3374**, and the grayscale version is **35.4273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1896, 0.3355, 0.3227**, and **14.6894, 0.3506, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **28.4131, 0.3620, 0.3159**, and if you desaturate by 10%, it is **41.1255, 0.3240, 0.3255**.

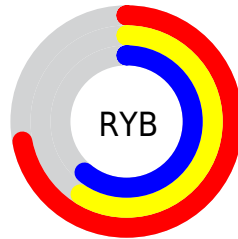
Distribution



Red (72%)

Green (59%)

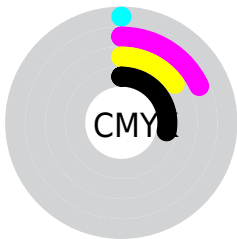
Blue (61%)



Red (72%)

Yellow (59%)

Blue (61%)

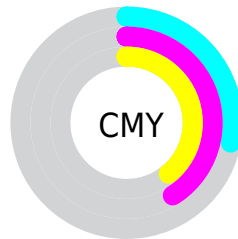


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (28%)



Cyan (28%)


Magenta (41%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2803, 0.3410, 0.3208 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 34.2803, 0.3410, 0.3208 by changing the saturation by 10% instead.


 34.2803, 0.3410,
0.3208


 34.2803, 0.3410,
0.3208


321.3801, 0.3261,
0.3252

 23.1090, 0.3450,
0.3196


 66.3693, 0.3354,
0.3225

 14.6740, 0.3503,
0.3180


 88.0558, 0.3333,
0.3231

 8.5909, 0.3577,
0.3157

114.0162, 0.3316,
0.3236

 4.4753, 0.3687,
0.3123

144.6349, 0.3302,
0.3240

 1.9429, 0.3867,
0.3066

180.2962, 0.3289,
0.3244

 0.5740, 0.4430,
0.2922

221.3846, 0.3279,


 0.0000, 0.0000,


0.3247


0.0000


268.2844, 0.3269,
0.3249


 34.2803, 0.3410,
0.3208


 34.2803, 0.3410,
0.3208


 28.4131, 0.3620,
0.3159


 41.1255, 0.3240,
0.3255


 23.4749, 0.3876,
0.3111


 48.9858, 0.3103,
0.3298


 19.4191, 0.4186,
0.3067

 57.9019, 0.2991,
0.3338

 16.1936, 0.4548,
0.3032

 67.9110, 0.2900,
0.3375

 13.7404, 0.4952,
0.3016

 79.0484, 0.2826,
0.3408

■ 11.9944, 0.5370,
0.3026

■ 88.2384, 0.2761,
0.3387

■ 10.8794, 0.5758,
0.3068

■ 88.8106, 0.2716,
0.3289

■ 10.2761, 0.6069,
0.3135

■ 10.1813, 0.6121,
0.3146

Harmonies

Analogous

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



34.2803, 0.3221, 0.3056



34.2803, 0.3410, 0.3208



34.2803, 0.3523, 0.3384

Triad

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



34.2803, 0.3410, 0.3208



34.2803, 0.3234, 0.3645



34.2803, 0.2743, 0.3023

Complementary

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



34.2803, 0.3410, 0.3208



43.5379, 0.2903, 0.3374

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.



34.2803, 0.2747, 0.3174



34.2803, 0.3410, 0.3208



34.2803, 0.3026, 0.3543

Square

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



34.2803, 0.3410, 0.3208



34.2803, 0.3418, 0.3642



34.2803, 0.2849, 0.3367



34.2803, 0.2838, 0.2948

Rectangle

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



34.2803, 0.3410, 0.3208



34.2803, 0.3537, 0.3495



34.2803, 0.2849, 0.3367



34.2803, 0.2733, 0.3066

Sweetspot

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



34.2818, 0.3410, 0.3208



77.6095, 0.3196, 0.3268



34.5754, 0.3089, 0.2842



16.9307, 0.3206, 0.3265



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.



34.2818, 0.3410, 0.3208



56.6330, 0.3495, 0.3187



37.5726, 0.3446, 0.3435



9.0381, 0.3260, 0.3249



7.1078, 0.6096, 0.3132



0.2587, 0.5429, 0.2764

Inverse Universe

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



34.2818, 0.3410, 0.3208



56.6330, 0.3495, 0.3187



39.6253, 0.2852, 0.3140



9.0381, 0.3260, 0.3249



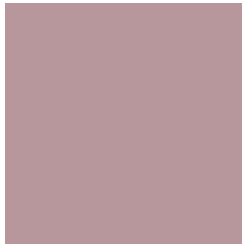
7.1078, 0.6096, 0.3132



0.2587, 0.5429, 0.2764

Previews

White Background



This preview shows how the Yxy color 34.2803, 0.3410, 0.3208 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 34.2803, 0.3410, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

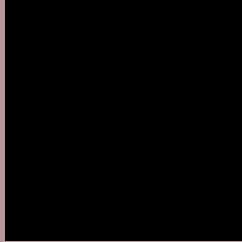
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2803, 0.3410, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 34.2803, 0.3410, 0.3208.



This preview shows how white text looks on a background with the Yxy color 34.2803, 0.3410, 0.3208.

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

34.2803, 0.3410, 0.3208

Protanopia

34.5689, 0.3138, 0.3261

Deuteranopia

34.2630, 0.3331, 0.3262



Tritanopia

34.2584, 0.3371, 0.3126

Trichromacy



Original Color

34.2803, 0.3410, 0.3208

Protanomaly

34.3809, 0.3229, 0.3233

Deuteranomaly

34.2880, 0.3364, 0.3249

Tritanomaly

34.1884, 0.3392, 0.3153

Monochromacy



Original Color

34.2803, 0.3410, 0.3208

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0522, 0.3227, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2803, 0.3410, 0.3208 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(183, 150, 156)` looks like.

```
.text, #text, p{  
    color:rgb(183, 150, 156)  
}
```

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(183, 150, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 150, 156) }
```

Border

The CSS property to change the border of an element to Yxy 34.2803, 0.3410, 0.3208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

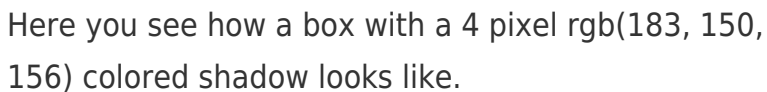
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 150, 156) }
```

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

```
.border{ border-color:rgb(183, 150, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 150, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 150, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 150, 156); box-shadow:4px 4px 4px 4px rgb(183, 150, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2803, 0.3410, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 150, 156) }
```

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

```
.background{ background-color: rgb(183,  
150, 156) }
```

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