

Converting Colors

$Yxy(28.9477, 0.3676, 0.3308)$

Have a look what the booklet for
Yxy(28.9477, 0.3676, 0.3308)
contains.

Yxy(28.9943, 0.3678, 0.3306)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(28.9943, 0.3678, 0.3306)

Conversions

Conversions Part 1

Format	Color
Hex	B68786
RGB	182, 135, 134
RGB Percent	71%, 53%, 53%
CMY	0.2863, 0.4706, 0.4745
CMYK	0.00, 0.26, 0.26, 0.29
HSL	1°, 25%, 62%
HSV	1°, 26%, 71%
XYZ	32.2568, 28.9943, 26.4509
YIQ	148.9390, 28.3330, 9.6530

Conversions

Conversions Part 2

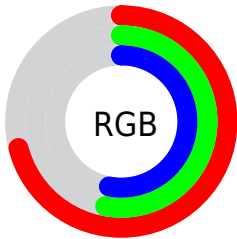
Format	Color
RYB	182, 135, 134
Decimal	11962246
CIELab	60.78, 17.83, 7.58
CIELCh	61, 19.374, 23.033
Yxy	28.9943, 0.3678, 0.3306
Android (android.graphics.Color)	4290152326 (0xFFB68786)
YUV	148.9390, -7.3649, 28.9945
Hunter-Lab	53.8464, 12.6998, 8.5674

Details

The Yxy color **28.9943, 0.3678, 0.3306** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4866, 0.2746, 0.3274**, and the grayscale version is **30.0511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9050, 0.3567, 0.3302**, and **11.7263, 0.3884, 0.3312** is the 20% darker color. If you saturate the color by 10%, you get **23.9676, 0.3982, 0.3313**, and if you desaturate by 10%, it is **34.9431, 0.3431, 0.3300**.

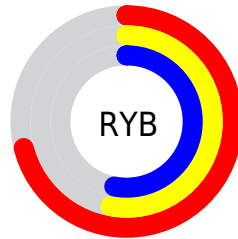
Distribution



Red (71%)

Green (53%)

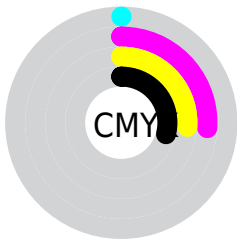
Blue (53%)



Red (71%)

Yellow (53%)

Blue (53%)

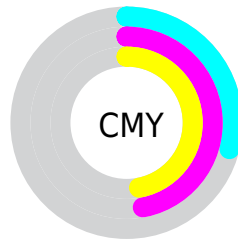


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (29%)



Cyan (29%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9943, 0.3678, 0.3306 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 28.9943, 0.3678, 0.3306 by changing the saturation by 10% instead.

 28.9943, 0.3678,
0.3306


 28.9943, 0.3678,
0.3306

297.1881, 0.3378,
0.3303


 19.0765, 0.3762,
0.3305


 58.0680, 0.3563,
0.3306

 11.7256, 0.3875,
0.3302


 77.9928, 0.3521,
0.3306

 6.5571, 0.4038,
0.3295


 102.0219, 0.3487,
0.3305

 3.1867, 0.4288,
0.3277

130.5399, 0.3459,
0.3305

 1.2300, 0.4736,
0.3239

163.9311, 0.3434,
0.3304

 0.0860, 0.8574,
0.1426

202.5800, 0.3413,


 0.0000, 0.0000,


0.3304


0.0000


246.8708, 0.3395,
0.3303


 28.9943, 0.3678,
0.3306


 28.9943, 0.3678,
0.3306

 23.9676, 0.3982,
0.3313


 34.9431, 0.3431,
0.3300


 19.8131, 0.4351,
0.3319

 41.8526, 0.3233,
0.3294

 16.4824, 0.4779,
0.3324

 49.7642, 0.3073,
0.3288

 13.9206, 0.5246,
0.3326

 58.7155, 0.2945,
0.3283

 12.0664, 0.5704,
0.3325

 68.7423, 0.2841,
0.3279

■ 10.8488, 0.6083,
0.3319

■ 79.8787, 0.2756,
0.3275

■ 10.1818, 0.6321,
0.3311

■ 88.6839, 0.2711,
0.3289

■ 10.0268, 0.6385,
0.3312

Harmonies

Analogous

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



28.9943, 0.3439, 0.3055



28.9943, 0.3678, 0.3306



28.9943, 0.3760, 0.3566

Triad

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



28.9943, 0.3678, 0.3306



28.9943, 0.3108, 0.3775



28.9943, 0.2609, 0.2804

Complementary

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



28.9943, 0.3678, 0.3306



41.4866, 0.2746, 0.3274

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.



28.9943, 0.2532, 0.2967



28.9943, 0.3678, 0.3306



28.9943, 0.2810, 0.3538

Square

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



28.9943, 0.3678, 0.3306



28.9943, 0.3421, 0.3858



28.9943, 0.2604, 0.3234



28.9943, 0.2820, 0.2772

Rectangle

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



28.9943, 0.3678, 0.3306



28.9943, 0.3714, 0.3714



28.9943, 0.2604, 0.3234



28.9943, 0.2567, 0.2844

Sweetspot

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



28.9957, 0.3678, 0.3306



73.5438, 0.3265, 0.3295



30.3387, 0.3165, 0.2655



15.8119, 0.3293, 0.3295



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.



28.9957, 0.3678, 0.3306



46.7555, 0.3859, 0.3310



36.3914, 0.3594, 0.3638



9.0416, 0.3287, 0.3295



7.0940, 0.6382, 0.3315



0.2604, 0.6307, 0.3374

Inverse Universe

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



41.4866, 0.2746, 0.3274



73.4640, 0.2668, 0.3270



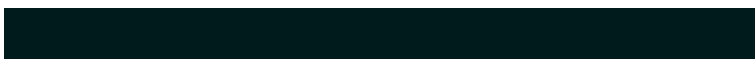
32.6260, 0.2713, 0.2915



10.1774, 0.2985, 0.3285



24.9345, 0.2229, 0.3224



0.8893, 0.2234, 0.3242

Previews

White Background



This preview shows how the Yxy color 28.9943, 0.3678, 0.3306 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9943, 0.3678, 0.3306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

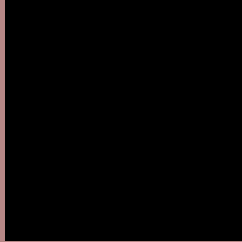
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9943, 0.3678, 0.3306

Background



This preview shows how black text looks on a background with the Yxy color 28.9943, 0.3678, 0.3306.



This preview shows how white text looks on a background with the Yxy color 28.9943, 0.3678, 0.3306.

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

28.9943, 0.3678, 0.3306

Protanopia

29.0305, 0.3239, 0.3385

Deuteranopia

29.1464, 0.3485, 0.3428



Tritanopia

29.1311, 0.3578, 0.3150

Trichromacy



Original Color

28.9943, 0.3678, 0.3306

Protanomaly

28.8624, 0.3387, 0.3352

Deuteranomaly

28.9293, 0.3562, 0.3381

Tritanomaly

29.0109, 0.3624, 0.3206

Monochromacy



Original Color

28.9943, 0.3678, 0.3306

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5372, 0.3309, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9943, 0.3678, 0.3306 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(182, 135, 134)` looks like.

```
.text, #text, p{  
    color:rgb(182, 135, 134)  
}
```

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(182, 135, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 135, 134) }
```

Border

The CSS property to change the border of an element to Yxy 28.9943, 0.3678, 0.3306 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(182, 135, 134) }
```

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

```
.border{ border-color:rgb(182, 135, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 135, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 135, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 135, 134);  
box-shadow:4px 4px 4px 4px rgb(182, 135,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9943, 0.3678, 0.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 135, 134) }
```

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

```
.background{ background-color: rgb(182,  
135, 134) }
```

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