

Converting Colors

$Y_{xy}(26.8775, 0.3500, 0.3246)$

Have a look what the booklet for
Yxy(26.8775, 0.3500, 0.3246)
contains.

Yxy(26.8775, 0.3500, 0.3246)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.8775, 0.3500, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	A88588
RGB	168, 133, 136
RGB Percent	66%, 52%, 53%
CMY	0.3411, 0.4784, 0.4668
CMYK	0.00, 0.21, 0.19, 0.34
HSL	355°, 17%, 59%
HSV	355°, 21%, 66%
XYZ	28.9807, 26.8775, 26.9437
YIQ	143.8070, 19.8970, 8.3530

Conversions

Conversions Part 2

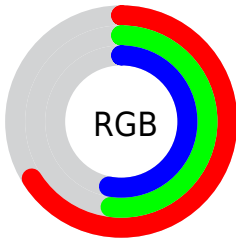
Format	Color
R_{YB}	168, 133, 136
Decimal	11044232
CIE Lab	58.86, 13.86, 3.51
CIE LCh	59, 14.293, 14.203
Yxy	26.8775, 0.3500, 0.3246
Android (android.graphics.Color)	4289234312 (0xFFA88588)
YUV	143.8070, -3.8489, 21.2173
Hunter-Lab	51.8435, 9.0558, 5.4767

Details

The Yxy color $26.8775, 0.3500, 0.3246$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $35.7152, 0.2846, 0.3335$, and the grayscale version is $27.8185, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.6392, 0.3426, 0.3257$, and $10.5032, 0.3638, 0.3226$ is the 20% darker color. If you saturate the color by 10%, you get $22.2341, 0.3747, 0.3224$, and if you desaturate by 10%, it is $32.3220, 0.3300, 0.3268$.

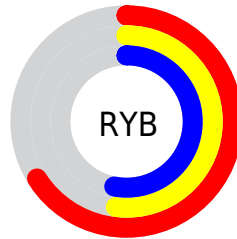
Distribution



Red (66%)

Green (52%)

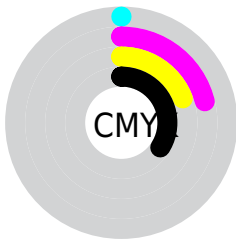
Blue (53%)



Red (66%)

Yellow (52%)

Blue (53%)

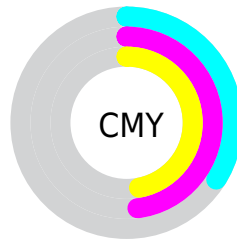


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (34%)



Cyan (34%)

Magenta (48%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8775, 0.3500, 0.3246 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 26.8775, 0.3500, 0.3246 by changing the saturation by 10% instead.


 26.8775, 0.3500,
0.3246


 26.8775, 0.3500,
0.3246


287.0635, 0.3295,
0.3272


 17.4812, 0.3558,
0.3238


 54.6872, 0.3421,
0.3257

 10.5782, 0.3638,
0.3226


 73.8695, 0.3393,
0.3260

 5.7840, 0.3753,
0.3208

 97.0826, 0.3369,
0.3263

 2.7142, 0.3935,
0.3177

124.7108, 0.3350,
0.3266

 0.9844, 0.4271,
0.3120

157.1386, 0.3333,
0.3268

 0.0000, 1.0000,
0.0000

194.7504, 0.3319,

 0.0000, 0.0000,


0.3269


0.0000

237.9306, 0.3306,
0.3271

 26.8775, 0.3500,
0.3246


 26.8775, 0.3500,
0.3246

 22.2341, 0.3747,
0.3224


 32.3220, 0.3300,
0.3268


 18.3504, 0.4051,
0.3202


 38.5988, 0.3139,
0.3288


 15.1871, 0.4413,
0.3184

 45.7424, 0.3009,
0.3307

 12.6999, 0.4831,
0.3172

 53.7838, 0.2904,
0.3324

 10.8394, 0.5279,
0.3172

 62.7527, 0.2819,
0.3340

■ 9.5497, 0.5713,
0.3186

■ 72.6775, 0.2748,
0.3354

■ 8.7648, 0.6071,
0.3217

■ 83.5851, 0.2691,
0.3367

■ 8.3588, 0.6298,
0.3243

■ 87.0664, 0.2643,
0.3289

Harmonies

Analogous

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



26.8775, 0.3297, 0.3060



26.8775, 0.3500, 0.3246



26.8775, 0.3600, 0.3449

Triad

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



26.8775, 0.3500, 0.3246



26.8775, 0.3187, 0.3684



26.8775, 0.2702, 0.2948

Complementary

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



26.8775, 0.3500, 0.3246



35.7152, 0.2846, 0.3335

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.



26.8775, 0.2676, 0.3102



26.8775, 0.3500, 0.3246



26.8775, 0.2950, 0.3537

Square

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



26.8775, 0.3500, 0.3246



26.8775, 0.3414, 0.3712



26.8775, 0.2765, 0.3319



26.8775, 0.2837, 0.2890

Rectangle

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



26.8775, 0.3500, 0.3246



26.8775, 0.3593, 0.3570



26.8775, 0.2765, 0.3319



26.8775, 0.2681, 0.2990

Sweetspot

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



26.8787, 0.3500, 0.3246



63.8354, 0.3220, 0.3278



27.5503, 0.3113, 0.2778



13.7621, 0.3230, 0.3276



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.8787, 0.3500, 0.3246



44.6975, 0.3608, 0.3236



30.8893, 0.3493, 0.3501



7.5523, 0.3273, 0.3271



6.3145, 0.6284, 0.3235



0.1568, 0.5812, 0.2975

Inverse Universe

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



26.8787, 0.3500, 0.3246



44.6975, 0.3608, 0.3236



30.9285, 0.2809, 0.3070



7.5523, 0.3273, 0.3271



6.3145, 0.6284, 0.3235



0.1568, 0.5812, 0.2975

Previews

White Background



This preview shows how the Yxy color 26.8775, 0.3500, 0.3246 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 26.8775, 0.3500, 0.3246 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 26.8775, 0.3500, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 26.8775, 0.3500, 0.3246.



This preview shows how white text looks on a background with the Yxy color 26.8775, 0.3500, 0.3246.

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

26.8775, 0.3500, 0.3246

Protanopia

26.9926, 0.3170, 0.3290

Deuteranopia

26.9097, 0.3385, 0.3322



Tritanopia

26.8905, 0.3445, 0.3141

Trichromacy



Original Color

26.8775, 0.3500, 0.3246

Protanomaly

26.8133, 0.3283, 0.3275

Deuteranomaly

27.0390, 0.3433, 0.3306

Tritanomaly

26.8310, 0.3468, 0.3171

Monochromacy



Original Color

26.8775, 0.3500, 0.3246

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.4516, 0.3259, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8775, 0.3500, 0.3246 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(168, 133, 136)` looks like.

```
.text, #text, p{  
    color:rgb(168, 133, 136)  
}
```

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(168, 133, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 133, 136) }
```

Border

The CSS property to change the border of an element to Yxy 26.8775, 0.3500, 0.3246 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(168, 133, 136) }
```

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

```
.border{ border-color:rgb(168, 133, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 133, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 133, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 133, 136);  
box-shadow:4px 4px 4px 4px rgb(168, 133,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8775, 0.3500, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 133, 136) }
```

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

```
.background{ background-color: rgb(168,  
133, 136) }
```

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