

Converting Colors

Yxy(34.7667, 0.3318, 0.3673)

Have a look what the booklet for
Yxy(34.7667, 0.3318, 0.3673)
contains.

Yxy(34.8873, 0.3322, 0.3683)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.8873, 0.3322, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	9EA288
RGB	158, 162, 136
RGB Percent	62%, 64%, 53%
CMY	0.3803, 0.3647, 0.4666
CMYK	0.02, 0.00, 0.16, 0.36
HSL	69°, 12%, 58%
HSV	69°, 16%, 64%
XYZ	31.4677, 34.8873, 28.3702
YIQ	157.8400, 5.9620, -8.9340

Conversions

Conversions Part 2

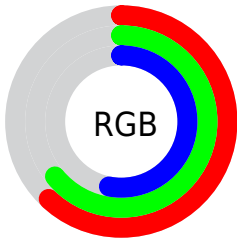
Format	Color
RYB	136, 162, 140
Decimal	10396296
CIELab	65.66, -6.09, 13.05
CIElCh	66, 14.404, 115.012
Yxy	34.8873, 0.3322, 0.3683
Android (android.graphics.Color)	4288586376 (0xFF9EA288)
YUV	157.8400, -10.7671, 0.1403
Hunter-Lab	59.0655, -8.2669, 12.8678

Details

The Yxy color **34.8873, 0.3322, 0.3683** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.7933, 0.2914, 0.2875**, and the grayscale version is **34.1654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4460, 0.3289, 0.3610**, and **14.8879, 0.3378, 0.3811** is the 20% darker color. If you saturate the color by 10%, you get **34.2134, 0.3444, 0.3939**, and if you desaturate by 10%, it is **35.6390, 0.3200, 0.3435**.

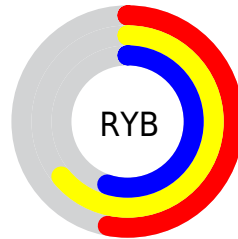
Distribution



Red (62%)

Green (64%)

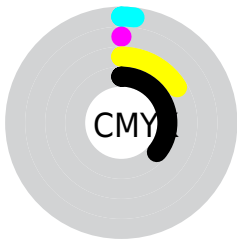
Blue (53%)



Red (53%)

Yellow (64%)

Blue (55%)

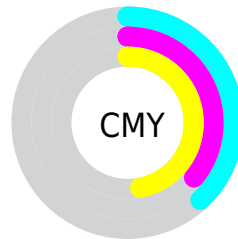


Cyan (2%)

Magenta (0%)

Yellow (16%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.8873, 0.3322, 0.3683 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 34.8873, 0.3322, 0.3683 by changing the saturation by 10% instead.

■ 34.8873, 0.3322,
0.3683

■ 34.8873, 0.3322,
0.3683

■ 324.0706, 0.3221,
0.3474

■ 23.5761, 0.3348,
0.3739

■ 67.3111, 0.3285,
0.3604

■ 15.0195, 0.3382,
0.3814

■ 89.1925, 0.3271,
0.3575

■ 8.8330, 0.3428,
0.3919

■ 115.3661, 0.3259,
0.3552

■ 4.6324, 0.3493,
0.4076

■ 146.2163, 0.3250,
0.3531

■ 2.0333, 0.3590,
0.4332

■ 182.1274, 0.3241,
0.3514

■ 0.6267, 0.4163,
0.5837

■ 223.4839, 0.3234,

■ 0.0000, 0.0000,

0.3499

0.0000

270.6702, 0.3227,
0.3486

■ 34.8873, 0.3322,
0.3683

■ 34.8873, 0.3322,
0.3683

■ 34.2134, 0.3444,
0.3939

■ 35.6390, 0.3200,
0.3435

■ 33.6094, 0.3562,
0.4194

■ 36.4668, 0.3081,
0.3198

■ 33.0737, 0.3672,
0.4442

■ 37.3751, 0.2967,
0.2977

■ 32.6025, 0.3767,
0.4671

■ 38.3664, 0.2860,
0.2772

■ 32.1917, 0.3843,
0.4872

■ 39.4434, 0.2760,
0.2585

■ 31.8369, 0.3897,
0.5036

■ 40.6083, 0.2668,
0.2414

■ 31.5327, 0.3925,
0.5157

■ 41.8634, 0.2583,
0.2260

■ 31.2721, 0.3929,
0.5236

■ 42.5090, 0.2567,
0.2214

■ 31.1746, 0.3928,
0.5263

■ 42.8049, 0.2585,
0.2219

Harmonies

Analogous

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



34.8873, 0.3494, 0.3637



34.8873, 0.3322, 0.3683



34.8873, 0.3102, 0.3615

Triad

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



34.8873, 0.3322, 0.3683



34.8873, 0.2706, 0.3057



34.8873, 0.3359, 0.3135

Complementary

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



34.8873, 0.3322, 0.3683



25.7933, 0.2914, 0.2875

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.



34.8873, 0.3140, 0.2993



34.8873, 0.3322, 0.3683



34.8873, 0.2768, 0.2944

Square

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



34.8873, 0.3322, 0.3683



34.8873, 0.2751, 0.3242



34.8873, 0.2925, 0.2923



34.8873, 0.3518, 0.3318

Rectangle

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



34.8873, 0.3322, 0.3683



34.8873, 0.2958, 0.3513



34.8873, 0.2925, 0.2923



34.8873, 0.3290, 0.3081

Sweetspot

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



34.8888, 0.3322, 0.3683



64.8383, 0.3188, 0.3412



28.1877, 0.3413, 0.3351



14.5407, 0.3196, 0.3428



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.8888, 0.3322, 0.3683



62.9183, 0.3363, 0.3767



33.6471, 0.3195, 0.3699



8.1821, 0.3239, 0.3514



24.5757, 0.3931, 0.5261



0.5303, 0.4032, 0.5180

Inverse Universe

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



25.7933, 0.2914, 0.2875



43.4439, 0.2864, 0.2780



26.9817, 0.3048, 0.2891



6.9096, 0.3009, 0.3059



2.2287, 0.1574, 0.0641



0.0608, 0.1839, 0.0787

Previews

White Background



This preview shows how the Yxy color 34.8873, 0.3322, 0.3683 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 34.8873, 0.3322, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

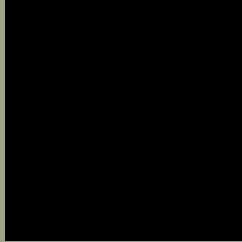
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

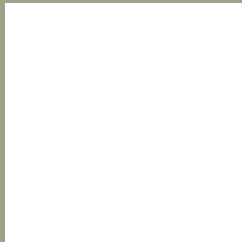
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8873, 0.3322, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 34.8873, 0.3322, 0.3683.



This preview shows how white text looks on a background with the Yxy color 34.8873, 0.3322, 0.3683.

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

34.8873, 0.3322, 0.3683

Protanopia

34.8704, 0.3440, 0.3643

Deuteranopia

34.5625, 0.3574, 0.3502



Tritanopia

34.8028, 0.3069, 0.3103

Trichromacy



Original Color

34.8873, 0.3322, 0.3683

Protanomaly

34.7834, 0.3396, 0.3662

Deuteranomaly

34.4673, 0.3480, 0.3566

Tritanomaly

34.8420, 0.3155, 0.3305

Monochromacy



Original Color

34.8873, 0.3322, 0.3683

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2674, 0.3199, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8873, 0.3322, 0.3683 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 $rgb(158, 162, 136)$ looks like.

```
.text, #text, p{  
    color:rgb(158, 162, 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(158, 162, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 162, 136) }
```

Border

The CSS property to change the border of an element to Yxy 34.8873, 0.3322, 0.3683 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(158, 162, 136) }
```

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

```
.border{ border-color:rgb(158, 162, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 162, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 162, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 162, 136);  
box-shadow:4px 4px 4px 4px rgb(158, 162,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8873, 0.3322, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 162, 136) }
```

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

```
.background{ background-color: rgb(158,  
162, 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