

Converting Colors

$Yxy(36.3818, 0.3330, 0.3507)$

Have a look what the booklet for
Yxy(36.3818, 0.3330, 0.3507)
contains.

Yxy(36.3823, 0.3330, 0.3507)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.3823, 0.3330, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	A9A293
RGB	169, 162, 147
RGB Percent	66%, 64%, 58%
CMY	0.3374, 0.3647, 0.4234
CMYK	0.00, 0.04, 0.13, 0.34
HSL	41°, 11%, 62%
HSV	41°, 13%, 66%
XYZ	34.5461, 36.3823, 32.8136
YIQ	162.3830, 8.9870, -3.1810

Conversions

Conversions Part 2

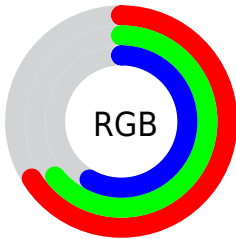
Format	Color
RYB	157, 169, 147
Decimal	11117203
CIELab	66.81, -0.12, 8.69
CIELCh	67, 8.689, 90.777
Yxy	36.3823, 0.3330, 0.3507
Android (android.graphics.Color)	4289307283 (0xFFA9A293)
YUV	162.3830, -7.5838, 5.8031
Hunter-Lab	60.3177, -3.3229, 9.9679

Details

The Yxy color **36.3823, 0.3330, 0.3507** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1747, 0.2927, 0.3063**, and the grayscale version is **36.3533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6900, 0.3288, 0.3467**, and **15.7783, 0.3405, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **34.0432, 0.3503, 0.3682**, and if you desaturate by 10%, it is **38.8830, 0.3172, 0.3339**.

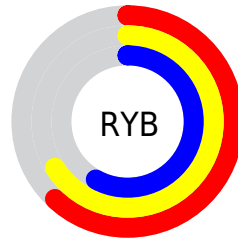
Distribution



Red (66%)

Green (64%)

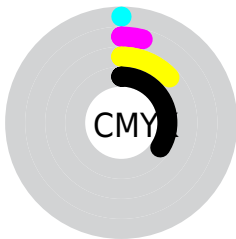
Blue (58%)



Red (62%)

Yellow (66%)

Blue (58%)

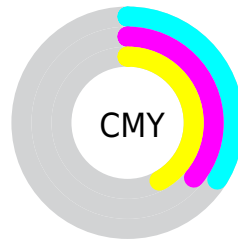


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (34%)



Cyan (34%)

Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3823, 0.3330, 0.3507 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 36.3823, 0.3330, 0.3507 by changing the saturation by 10% instead.


 36.3823, 0.3330,
0.3507

 36.3823, 0.3330,
0.3507


330.6284, 0.3224,
0.3394

 24.7296, 0.3358,
0.3537


 69.6217, 0.3291,
0.3465

 15.8757, 0.3394,
0.3576


 91.9772, 0.3276,
0.3449

 9.4362, 0.3445,
0.3630


118.6692, 0.3264,
0.3436

 5.0268, 0.3518,
0.3709

150.0819, 0.3254,
0.3425

 2.2630, 0.3635,
0.3834

186.5997, 0.3245,
0.3416

 0.7540, 0.4245,
0.4484

228.6072, 0.3237,

 0.0000, 0.0000,

0.3408

0.0000

276.4886, 0.3230,
0.3400

■ 36.3823, 0.3330,
0.3507

■ 36.3823, 0.3330,
0.3507

■ 34.0432, 0.3503,
0.3682

■ 38.8830, 0.3172,
0.3339

■ 31.8565, 0.3690,
0.3859

■ 41.5448, 0.3028,
0.3179

■ 29.8193, 0.3888,
0.4032

■ 44.3730, 0.2900,
0.3031

■ 27.9265, 0.4091,
0.4193

■ 47.3716, 0.2785,
0.2893

■ 26.1728, 0.4292,
0.4331

■ 50.5441, 0.2682,
0.2766

■ 24.5523, 0.4483,
0.4437

■ 53.8941, 0.2591,
0.2650

■ 23.0584, 0.4653,
0.4500

■ 56.7434, 0.2564,
0.2647

■ 21.6833, 0.4796,
0.4514

■ 59.2623, 0.2572,
0.2712

■ 20.7795, 0.4884,
0.4504

■ 61.8689, 0.2580,
0.2776

Harmonies

Analogous

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



36.3823, 0.3385, 0.3437



36.3823, 0.3330, 0.3507



36.3823, 0.3221, 0.3518

Triad

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



36.3823, 0.3330, 0.3507



36.3823, 0.2891, 0.3241



36.3823, 0.3162, 0.3124

Complementary

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



36.3823, 0.3330, 0.3507



32.1747, 0.2927, 0.3063

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.



36.3823, 0.3030, 0.3072



36.3823, 0.3330, 0.3507



36.3823, 0.2876, 0.3136

Square

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



36.3823, 0.3330, 0.3507



36.3823, 0.2968, 0.3362



36.3823, 0.2926, 0.3076



36.3823, 0.3287, 0.3218

Rectangle

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



36.3823, 0.3330, 0.3507



36.3823, 0.3133, 0.3490



36.3823, 0.2926, 0.3076



36.3823, 0.3117, 0.3101

Sweetspot

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



36.3839, 0.3330, 0.3507



69.1635, 0.3188, 0.3356



31.6506, 0.3285, 0.3184



15.0018, 0.3199, 0.3369



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.



36.3839, 0.3330, 0.3507



63.7709, 0.3385, 0.3564



38.5069, 0.3282, 0.3608



8.3664, 0.3269, 0.3444



15.5912, 0.4875, 0.4511



0.4651, 0.4602, 0.4728

Inverse Universe

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



32.1747, 0.2927, 0.3063



54.5305, 0.2874, 0.3000



30.2863, 0.2960, 0.2959



7.6745, 0.2986, 0.3132



4.1611, 0.1630, 0.1068



0.1924, 0.1819, 0.1750

Previews

White Background



This preview shows how the Yxy color 36.3823, 0.3330, 0.3507 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 36.3823, 0.3330, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

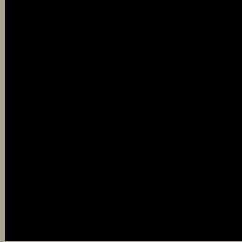
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

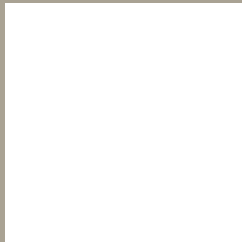
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.3823, 0.3330, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 36.3823, 0.3330, 0.3507.



This preview shows how white text looks on a background with the Yxy color 36.3823, 0.3330, 0.3507.

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

36.3823, 0.3330, 0.3507

Protanopia

36.3823, 0.3330, 0.3507

Deuteranopia

36.4424, 0.3483, 0.3415



Tritanopia

36.5072, 0.3145, 0.3123

Trichromacy



Original Color

36.3823, 0.3330, 0.3507

Protanomaly

36.3823, 0.3330, 0.3507

Deuteranomaly

36.5181, 0.3428, 0.3445

Tritanomaly

36.4082, 0.3215, 0.3262

Monochromacy



Original Color

36.3823, 0.3330, 0.3507

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2743, 0.3200, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3823, 0.3330, 0.3507 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(169, 162, 147)` looks like.

```
.text, #text, p{  
    color:rgb(169, 162, 147)  
}
```

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(169, 162, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 162, 147) }
```

Border

The CSS property to change the border of an element to Yxy 36.3823, 0.3330, 0.3507 is called "border". The border property can be set on classes, ids or directly on the HTML element.

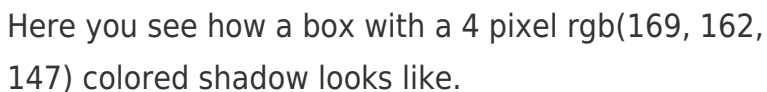
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 162, 147) }
```

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

```
.border{ border-color:rgb(169, 162, 147) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 162, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 162, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 162, 147); box-shadow:4px 4px 4px 4px rgb(169, 162, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3823, 0.3330, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 162, 147) }
```

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

```
.background{ background-color: rgb(169,  
162, 147) }
```

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