

Converting Colors

$Yxy(33.1193, 0.33335, 0.3824)$

Have a look what the booklet for
Yxy(33.1193, 0.3335, 0.3824)
contains.

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Color

Yxy(33.1320, 0.3337, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	96A07E
RGB	150, 160, 126
RGB Percent	59%, 63%, 49%
CMY	0.4116, 0.3726, 0.5058
CMYK	0.06, 0.00, 0.21, 0.37
HSL	78°, 15%, 56%
HSV	78°, 21%, 63%
XYZ	28.9201, 33.1320, 24.6128
YIQ	153.1340, 4.9540, -12.6940

Conversions

Conversions Part 2

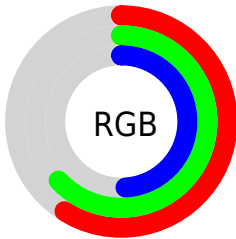
Format	Color
RYB	126, 160, 136
Decimal	9871486
CIELab	64.27, -9.68, 16.56
CIElCh	64, 19.183, 120.318
Yxy	33.1320, 0.3337, 0.3823
Android (android.graphics.Color)	4288061566 (0xFF96A07E)
YUV	153.1340, -13.3771, -2.7485
Hunter-Lab	57.5604, -11.0469, 14.9399

Details

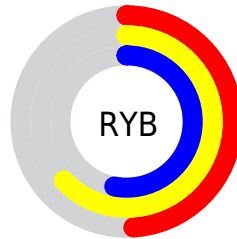
The Yxy color **33.1320, 0.3337, 0.3823** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.6937, 0.2885, 0.2734**, and the grayscale version is **31.9777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6929, 0.3293, 0.3715**, and **14.1257, 0.3396, 0.4013** is the 20% darker color. If you saturate the color by 10%, you get **32.3169, 0.3433, 0.4091**, and if you desaturate by 10%, it is **34.0338, 0.3238, 0.3564**.

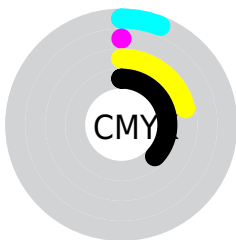
Distribution



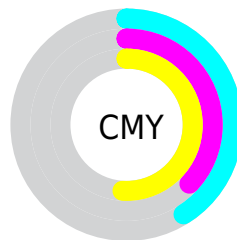
- Red (59%)
- Green (63%)
- Blue (49%)



- Red (49%)
- Yellow (63%)
- Blue (53%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (37%)





- Cyan (41%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1320, 0.3337, 0.3823 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 33.1320, 0.3337, 0.3823 by changing the saturation by 10% instead.


 33.1320, 0.3337,
0.3823


 33.1320, 0.3337,
0.3823


316.2441, 0.3230,
0.3536


 22.2276, 0.3364,
0.3902


 64.5816, 0.3298,
0.3713

 14.0242, 0.3399,
0.4008


 85.8955, 0.3283,
0.3674

 8.1375, 0.3445,
0.4158

 111.4481, 0.3270,
0.3641

 4.1831, 0.3508,
0.4384

141.6236, 0.3260,
0.3613

 1.7765, 0.3642,
0.4830

176.8066, 0.3251,
0.3590

 0.4725, 0.3104,
0.6896

217.3815, 0.3243,

 0.0000, 0.0000,

0.3569

0.0000

263.7325, 0.3236,
0.3552

■ 33.1320, 0.3337,
0.3823

■ 33.1320, 0.3337,
0.3823

■ 32.3169, 0.3433,
0.4091

■ 34.0338, 0.3238,
0.3564

■ 31.5809, 0.3523,
0.4359

■ 35.0212, 0.3139,
0.3319

■ 30.9218, 0.3600,
0.4620

■ 36.0985, 0.3043,
0.3091

■ 30.3357, 0.3662,
0.4862

■ 37.2685, 0.2952,
0.2881

■ 29.8183, 0.3702,
0.5074

■ 38.5338, 0.2865,
0.2690

■ 29.3646, 0.3719,
0.5245

■ 39.8972, 0.2785,
0.2517

■ 28.9689, 0.3711,
0.5371

■ 41.3608, 0.2710,
0.2360

■ 28.6582, 0.3690,
0.5452

■ 42.9272, 0.2642,
0.2220

■ 43.5941, 0.2671,
0.2221

Harmonies

Analogous

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



33.1320, 0.3589, 0.3780



33.1320, 0.3337, 0.3823



33.1320, 0.3036, 0.3705

Triad

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



33.1320, 0.3337, 0.3823



33.1320, 0.2567, 0.2936



33.1320, 0.3488, 0.3121

Complementary

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



33.1320, 0.3337, 0.3823



22.6937, 0.2885, 0.2734

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.



33.1320, 0.3197, 0.2921



33.1320, 0.3337, 0.3823



33.1320, 0.2673, 0.2810

Square

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



33.1320, 0.3337, 0.3823



33.1320, 0.2601, 0.3170



33.1320, 0.2900, 0.2808



33.1320, 0.3683, 0.3368

Rectangle

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



33.1320, 0.3337, 0.3823



33.1320, 0.2850, 0.3549



33.1320, 0.2900, 0.2808



33.1320, 0.3398, 0.3047

Sweetspot

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



33.1335, 0.3337, 0.3823



62.7005, 0.3187, 0.3437



26.4864, 0.3512, 0.3443



13.7277, 0.3193, 0.3451



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



33.1335, 0.3337, 0.3823



59.5195, 0.3378, 0.3936



31.6628, 0.3171, 0.3851



7.6227, 0.3218, 0.3514



22.3499, 0.3695, 0.5448



0.4201, 0.3906, 0.5281

Inverse Universe

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



22.6937, 0.2885, 0.2734



37.4494, 0.2828, 0.2609



24.1988, 0.3068, 0.2763



6.5247, 0.3031, 0.3062



2.4658, 0.1711, 0.0716



0.0643, 0.2135, 0.0950

Previews

White Background



This preview shows how the Yxy color 33.1320, 0.3337, 0.3823 looks on a white background.

Color Contrast Check

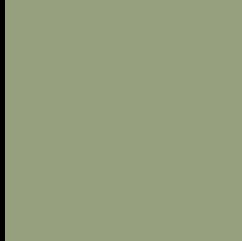
Large Text (above 18pt) WCAG AA × Fail

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 33.1320, 0.3337, 0.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

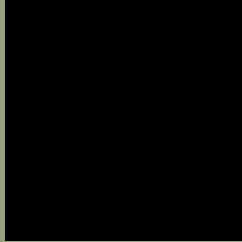
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

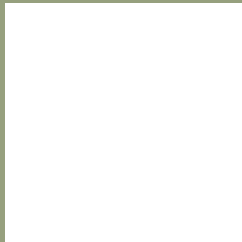
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.1320, 0.3337, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 33.1320, 0.3337, 0.3823.



This preview shows how white text looks on a background with the Yxy color 33.1320, 0.3337, 0.3823.

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

33.1320, 0.3337, 0.3823

Protanopia

32.8973, 0.3526, 0.3757

Deuteranopia

33.0745, 0.3666, 0.3606



Tritanopia

32.9691, 0.3029, 0.3098

Trichromacy



Original Color

33.1320, 0.3337, 0.3823

Protanomaly

33.0682, 0.3457, 0.3779

Deuteranomaly

33.0785, 0.3543, 0.3691

Tritanomaly

32.9140, 0.3144, 0.3351

Monochromacy



Original Color

33.1320, 0.3337, 0.3823

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.4355, 0.3207, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1320, 0.3337, 0.3823 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(150, 160, 126)` looks like.

```
.text, #text, p{  
    color:rgb(150, 160, 126)  
}
```

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(150, 160, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 160, 126) }
```

Border

The CSS property to change the border of an element to Yxy 33.1320, 0.3337, 0.3823 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(150, 160, 126) }
```

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

```
.border{ border-color:rgb(150, 160, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 160, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 160, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 160, 126);  
box-shadow:4px 4px 4px 4px rgb(150, 160,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1320, 0.3337, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 160, 126) }
```

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

```
.background{ background-color: rgb(150,  
160, 126) }
```

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](#).

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