

Converting Colors

$Y_{xy}(33.3179, 0.3305, 0.3825)$

Have a look what the booklet for
Yxy(33.3179, 0.3305, 0.3825)
contains.

Yxy(33.3179, 0.3305, 0.3825)	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(33.3179, 0.3305, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	94A17F
RGB	148, 161, 127
RGB Percent	58%, 63%, 50%
CMY	0.4196, 0.3686, 0.5019
CMYK	0.08, 0.00, 0.21, 0.37
HSL	83°, 15%, 56%
HSV	83°, 21%, 63%
XYZ	28.7884, 33.3179, 24.9993
YIQ	153.2370, 3.1660, -13.3300

Conversions

Conversions Part 2

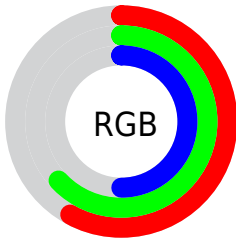
Format	Color
RYB	127, 161, 140
Decimal	9740671
CIELab	64.42, -10.84, 16.18
CIELCh	64, 19.479, 123.816
Yxy	33.3179, 0.3305, 0.3825
Android (android.graphics.Color)	4287930751 (0xFF94A17F)
YUV	153.2370, -12.9348, -4.5928
Hunter-Lab	57.7217, -11.9869, 14.7266

Details

The Yxy color $33.3179, 0.3305, 0.3825$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $23.3360, 0.2920, 0.2742$, and the grayscale version is $32.0210, 0.3127, 0.3290$.

A 20% lighter version of the original color is $64.9636, 0.3269, 0.3716$, and $14.0287, 0.3355, 0.3997$ is the 20% darker color. If you saturate the color by 10%, you get $32.3728, 0.3386, 0.4100$, and if you desaturate by 10%, it is $34.3636, 0.3221, 0.3562$.

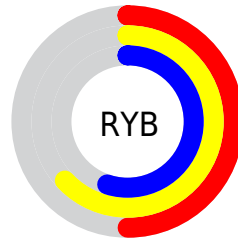
Distribution



Red (58%)

Green (63%)

Blue (50%)



Red (50%)

Yellow (63%)

Blue (55%)

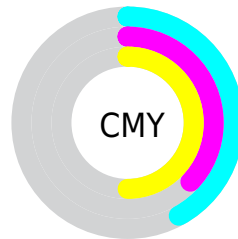


Cyan (8%)

Magenta (0%)

Yellow (21%)

Black (37%)



Cyan (42%)


Magenta (37%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3179, 0.3305, 0.3825 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 33.3179, 0.3305, 0.3825 by changing the saturation by 10% instead.


 33.3179, 0.3305,
0.3825


 33.3179, 0.3305,
0.3825


317.0798, 0.3215,
0.3537

 22.3701, 0.3328,
0.3905


 64.8715, 0.3272,
0.3715

 14.1291, 0.3356,
0.4012


 86.2461, 0.3260,
0.3675

 8.2105, 0.3394,
0.4163


 111.8651, 0.3249,
0.3642

 4.2299, 0.3443,
0.4393

142.1129, 0.3240,
0.3614

 1.8030, 0.3544,
0.4831

177.3739, 0.3233,
0.3591

 0.4890, 0.2904,
0.7096

218.0324, 0.3226,

 0.0000, 0.0000,

0.3570

0.0000

264.4729, 0.3220,
0.3552

■ 33.3179, 0.3305,
0.3825

■ 33.3179, 0.3305,
0.3825

■ 32.3728, 0.3386,
0.4100

■ 34.3636, 0.3221,
0.3562

■ 31.5203, 0.3460,
0.4379

■ 35.5090, 0.3136,
0.3316

■ 30.7580, 0.3522,
0.4654

■ 36.7588, 0.3054,
0.3089

■ 30.0816, 0.3568,
0.4913

■ 38.1160, 0.2975,
0.2881

■ 29.4863, 0.3594,
0.5143

■ 39.5837, 0.2900,
0.2693

■ 28.9670, 0.3597,
0.5332

■ 41.1645, 0.2830,
0.2524

■ 28.5175, 0.3577,
0.5474

■ 42.8613, 0.2765,
0.2372

■ 28.1641, 0.3545,
0.5568

■ 44.6233, 0.2710,
0.2243

■ 45.4744, 0.2757,
0.2257

Harmonies

Analogous

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



33.3179, 0.3571, 0.3799



33.3179, 0.3305, 0.3825



33.3179, 0.3000, 0.3687

Triad

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



33.3179, 0.3305, 0.3825



33.3179, 0.2565, 0.2910



33.3179, 0.3523, 0.3147

Complementary

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



33.3179, 0.3305, 0.3825



23.3360, 0.2920, 0.2742

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.



33.3179, 0.3235, 0.2936



33.3179, 0.3305, 0.3825



33.3179, 0.2689, 0.2797

Square

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



33.3179, 0.3305, 0.3825



33.3179, 0.2583, 0.3137



33.3179, 0.2929, 0.2810



33.3179, 0.3704, 0.3398

Rectangle

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



33.3179, 0.3305, 0.3825



33.3179, 0.2817, 0.3521



33.3179, 0.2929, 0.2810



33.3179, 0.3434, 0.3070

Sweetspot

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



33.3194, 0.3305, 0.3825



62.5401, 0.3179, 0.3437



27.7155, 0.3500, 0.3485



13.6892, 0.3184, 0.3452



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.



33.3194, 0.3305, 0.3825



58.9080, 0.3341, 0.3944



31.8937, 0.3143, 0.3852



8.1012, 0.3205, 0.3516



22.5165, 0.3550, 0.5564



0.4990, 0.3791, 0.5372

Inverse Universe

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



23.3360, 0.2920, 0.2742



37.9915, 0.2869, 0.2617



24.8730, 0.3100, 0.2771



6.9860, 0.3044, 0.3062



2.8859, 0.1836, 0.0785



0.0873, 0.2268, 0.1023

Previews

White Background



This preview shows how the Yxy color 33.3179, 0.3305, 0.3825 looks on a white background.

Color Contrast Check

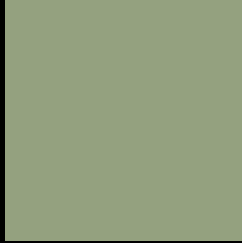
Large Text (above 18pt) WCAG AA × Fail

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 33.3179, 0.3305, 0.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

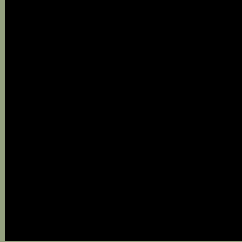
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3179, 0.3305, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 33.3179, 0.3305, 0.3825.



This preview shows how white text looks on a background with the Yxy color 33.3179, 0.3305, 0.3825.

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

33.3179, 0.3305, 0.3825

Protanopia

33.3646, 0.3524, 0.3754

Deuteranopia

33.1010, 0.3655, 0.3591



Tritanopia

33.1399, 0.3001, 0.3097

Trichromacy



Original Color

33.3179, 0.3305, 0.3825

Protanomaly

33.3310, 0.3434, 0.3779

Deuteranomaly

32.9945, 0.3522, 0.3678

Tritanomaly

33.0892, 0.3115, 0.3351

Monochromacy



Original Color

33.3179, 0.3305, 0.3825

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.3699, 0.3188, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3179, 0.3305, 0.3825 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(148, 161, 127)` looks like.

```
.text, #text, p{  
    color:rgb(148, 161, 127)  
}
```

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(148, 161, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 161, 127) }
```

Border

The CSS property to change the border of an element to Yxy 33.3179, 0.3305, 0.3825 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(148, 161, 127) }
```

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

```
.border{ border-color:rgb(148, 161, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 161, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 161, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 161, 127);  
box-shadow:4px 4px 4px 4px rgb(148, 161,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3179, 0.3305, 0.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 161, 127) }
```

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

```
.background{ background-color: rgb(148,  
161, 127) }
```

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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