

Converting Colors

$Yxy(33.1527, 0.3452, 0.3827)$

Have a look what the booklet for
Yxy(33.1527, 0.3452, 0.3827)
contains.

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Color

Yxy(33.1529, 0.3452, 0.3828)

Conversions

Conversions Part 1

Format	Color
Hex	9E9E7B
RGB	158, 158, 123
RGB Percent	62%, 62%, 48%
CMY	0.3805, 0.3803, 0.5177
CMYK	0.00, 0.00, 0.22, 0.38
HSL	60°, 15%, 55%
HSV	60°, 22%, 62%
XYZ	29.8965, 33.1529, 23.5569
YIQ	154.0100, 11.2350, -10.8850

Conversions

Conversions Part 2

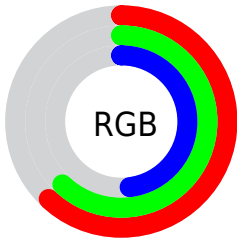
Format	Color
RYB	123, 158, 123
Decimal	10395259
CIELab	64.28, -6.01, 18.36
CIELCh	64, 19.317, 108.138
Yxy	33.1529, 0.3452, 0.3828
Android (android.graphics.Color)	4288585339 (0xFF9E9E7B)
YUV	154.0100, -15.2879, 3.4992
Hunter-Lab	57.5786, -8.0799, 16.0479

Details

The Yxy color **33.1529, 0.3452, 0.3828** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.8450, 0.2764, 0.2689**, and the grayscale version is **32.3823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8692, 0.3387, 0.3719**, and **14.0740, 0.3548, 0.4015** is the 20% darker color. If you saturate the color by 10%, you get **32.7877, 0.3599, 0.4071**, and if you desaturate by 10%, it is **33.5849, 0.3304, 0.3582**.

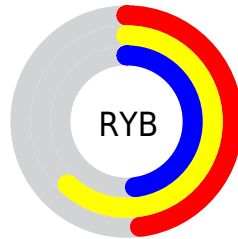
Distribution



Red (62%)

Green (62%)

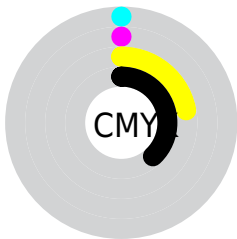
Blue (48%)



Red (48%)

Yellow (62%)

Blue (48%)

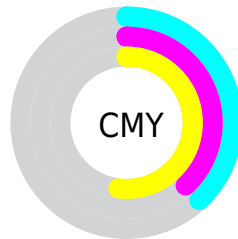


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (38%)



Cyan (38%)


Magenta (38%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.1529, 0.3452, 0.3828 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 33.1529, 0.3452, 0.3828 by changing the saturation by 10% instead.

 33.1529, 0.3452,
0.3828


 33.1529, 0.3452,
0.3828

316.3381, 0.3283,
0.3541

 22.2436, 0.3496,
0.3906


 64.6142, 0.3389,
0.3719

 14.0360, 0.3553,
0.4010


 85.9349, 0.3366,
0.3679

 8.1457, 0.3629,
0.4155


 111.4950, 0.3347,
0.3647

 4.1883, 0.3736,
0.4369

141.6787, 0.3330,
0.3619

 1.7795, 0.3983,
0.4827

176.8705, 0.3316,
0.3595

 0.4743, 0.3906,
0.6094

217.4547, 0.3304,

 0.0000, 0.0000,

0.3574

0.0000

263.8158, 0.3293,
0.3556

■ 33.1529, 0.3452,
0.3828

■ 33.1529, 0.3452,
0.3828

■ 32.7877, 0.3599,
0.4071

■ 33.5849, 0.3304,
0.3582

■ 32.4819, 0.3739,
0.4304

■ 34.0822, 0.3158,
0.3341

■ 32.2336, 0.3868,
0.4517


■ 34.6488, 0.3018,
0.3110


■ 32.0392, 0.3978,
0.4701

■ 35.2875, 0.2887,
0.2892

■ 31.8946, 0.4068,
0.4849


■ 36.0004, 0.2764,
0.2689

 31.7952, 0.4132,
0.4956

 36.7901, 0.2652,
0.2503

 31.7357, 0.4171,
0.5022

 37.6585, 0.2549,
0.2333

 31.7063, 0.4191,
0.5055

 38.6080, 0.2456,
0.2178

 38.9660, 0.2425,
0.2127

Harmonies

Analogous

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



33.1529, 0.3664, 0.3725



33.1529, 0.3452, 0.3828



33.1529, 0.3159, 0.3775

Triad

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



33.1529, 0.3452, 0.3828



33.1529, 0.2560, 0.3018



33.1529, 0.3378, 0.3030

Complementary

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



33.1529, 0.3452, 0.3828



20.8450, 0.2764, 0.2689

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.



33.1529, 0.3072, 0.2860



33.1529, 0.3452, 0.3828



33.1529, 0.2611, 0.2844

Square

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



33.1529, 0.3452, 0.3828



33.1529, 0.2651, 0.3285



33.1529, 0.2794, 0.2791



33.1529, 0.3624, 0.3265

Rectangle

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



33.1529, 0.3452, 0.3828



33.1529, 0.2959, 0.3652



33.1529, 0.2794, 0.2791



33.1529, 0.3278, 0.2964

Sweetspot

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



33.1544, 0.3452, 0.3828



61.4153, 0.3230, 0.3460



22.8626, 0.3564, 0.3291



13.8350, 0.3238, 0.3473



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.



33.1544, 0.3452, 0.3828



59.8240, 0.3531, 0.3959



31.5079, 0.3272, 0.3860



7.7199, 0.3261, 0.3511



25.3880, 0.4191, 0.5055



0.4541, 0.4192, 0.5054

Inverse Universe

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



20.8450, 0.2764, 0.2689



33.1122, 0.2662, 0.2520



22.2504, 0.2953, 0.2721



6.4357, 0.2988, 0.3059



1.9785, 0.1501, 0.0600



0.0355, 0.1504, 0.0602

Previews

White Background



This preview shows how the Yxy color 33.1529, 0.3452, 0.3828 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 33.1529, 0.3452, 0.3828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

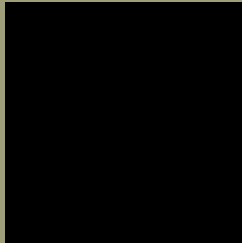
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

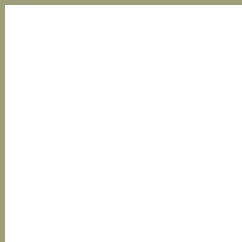
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.1529, 0.3452, 0.3828

Background



This preview shows how black text looks on a background with the Yxy color 33.1529, 0.3452, 0.3828.



This preview shows how white text looks on a background with the Yxy color 33.1529, 0.3452, 0.3828.

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

33.1529, 0.3452, 0.3828

Protanopia

33.2891, 0.3553, 0.3800

Deuteranopia

33.1171, 0.3707, 0.3647



Tritanopia

32.9233, 0.3125, 0.3115

Trichromacy



Original Color

33.1529, 0.3452, 0.3828

Protanomaly

33.3056, 0.3518, 0.3819

Deuteranomaly

33.1219, 0.3619, 0.3715

Tritanomaly

32.8582, 0.3244, 0.3365

Monochromacy



Original Color

33.1529, 0.3452, 0.3828

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.3944, 0.3239, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1529, 0.3452, 0.3828 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, 158, 123)` looks like.

```
.text, #text, p{  
    color:rgb(158, 158, 123)  
}
```

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, 158, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 158, 123) }
```

Border

The CSS property to change the border of an element to Yxy 33.1529, 0.3452, 0.3828 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, 158, 123) }
```

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

```
.border{ border-color:rgb(158, 158, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 158, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 158, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 158, 123);  
box-shadow:4px 4px 4px 4px rgb(158, 158,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1529, 0.3452, 0.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 158, 123) }
```

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

```
.background{ background-color: rgb(158,  
158, 123) }
```

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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