

Converting Colors

$Yxy(33.0532, 0.3402, 0.3529)$

Have a look what the booklet for
Yxy(33.0532, 0.3402, 0.3529)
contains.

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Color

Yxy(33.0532, 0.3402, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	A69A8A
RGB	166, 154, 138
RGB Percent	65%, 60%, 54%
CMY	0.3491, 0.3960, 0.4588
CMYK	0.00, 0.07, 0.17, 0.35
HSL	34°, 14%, 60%
HSV	34°, 17%, 65%
XYZ	31.8637, 33.0532, 28.7448
YIQ	155.7640, 12.2880, -2.4320

Conversions

Conversions Part 2

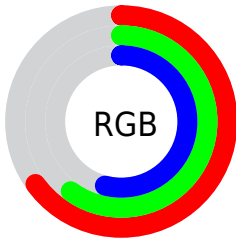
Format	Color
RYB	159, 166, 138
Decimal	10918538
CIELab	64.20, 1.63, 9.98
CIELCh	64, 10.115, 80.702
Yxy	33.0532, 0.3402, 0.3529
Android (android.graphics.Color)	4289108618 (0xFFA69A8A)
YUV	155.7640, -8.7577, 8.9770
Hunter-Lab	57.4919, -1.6809, 10.6006

Details

The Yxy color **33.0532, 0.3402, 0.3529** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9526, 0.2867, 0.3039**, and the grayscale version is **33.1697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2455, 0.3349, 0.3483**, and **13.9825, 0.3497, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **30.3372, 0.3591, 0.3679**, and if you desaturate by 10%, it is **35.9840, 0.3232, 0.3385**.

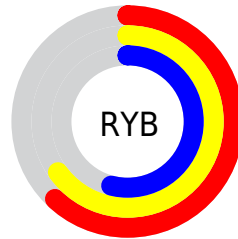
Distribution



Red (65%)

Green (60%)

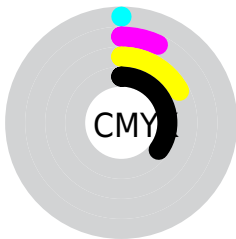
Blue (54%)



Red (62%)

Yellow (65%)

Blue (54%)

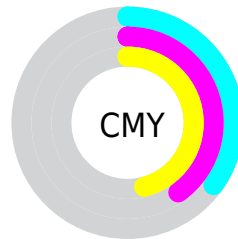


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (35%)



Cyan (35%)


Magenta (40%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0532, 0.3402, 0.3529 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 33.0532, 0.3402, 0.3529 by changing the saturation by 10% instead.


 33.0532, 0.3402,
0.3529

 33.0532, 0.3402,
0.3529


315.8894, 0.3256,
0.3403


 22.1672, 0.3441,
0.3563


 64.4586, 0.3347,
0.3482

 13.9798, 0.3493,
0.3607


 85.7467, 0.3327,
0.3465

 8.1066, 0.3566,
0.3668


 111.2711, 0.3310,
0.3450

 4.1633, 0.3674,
0.3759

141.4160, 0.3296,
0.3438

 1.7653, 0.3852,
0.3904

176.5659, 0.3284,
0.3427

 0.4654, 0.5089,
0.4911

217.1052, 0.3274,

 0.0000, 0.0000,

0.3418

0.0000

263.4182, 0.3265,
0.3410

■ 33.0532, 0.3402,
0.3529

■ 33.0532, 0.3402,
0.3529

■ 30.3372, 0.3591,
0.3679

■ 35.9840, 0.3232,
0.3385

■ 27.8259, 0.3800,
0.3829

■ 39.1305, 0.3082,
0.3248

■ 25.5147, 0.4025,
0.3974

■ 42.4995, 0.2949,
0.3120

■ 23.3972, 0.4262,
0.4106

■ 46.0960, 0.2831,
0.3002

■ 21.4666, 0.4503,
0.4212

■ 49.9246, 0.2728,
0.2893

■ 19.7154, 0.4736,
0.4281

■ 53.9901, 0.2637,
0.2794

■ 18.1352, 0.4948,
0.4304

■ 58.2969, 0.2557,
0.2703

■ 16.7149, 0.5130,
0.4277

■ 61.7913, 0.2564,
0.2779

■ 16.2951, 0.5186,
0.4265

■ 65.3883, 0.2575,
0.2864

Harmonies

Analogous

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



33.0532, 0.3441, 0.3426



33.0532, 0.3402, 0.3529



33.0532, 0.3288, 0.3569

Triad

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



33.0532, 0.3402, 0.3529



33.0532, 0.2867, 0.3279



33.0532, 0.3115, 0.3064

Complementary

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



33.0532, 0.3402, 0.3529



29.9526, 0.2867, 0.3039

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.



33.0532, 0.2963, 0.3023



33.0532, 0.3402, 0.3529



33.0532, 0.2823, 0.3142

Square

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



33.0532, 0.3402, 0.3529



33.0532, 0.2980, 0.3423



33.0532, 0.2858, 0.3050



33.0532, 0.3273, 0.3161

Rectangle

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



33.0532, 0.3402, 0.3529



33.0532, 0.3187, 0.3553



33.0532, 0.2858, 0.3050



33.0532, 0.3061, 0.3043

Sweetspot

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



33.0547, 0.3402, 0.3529



66.3117, 0.3205, 0.3360



28.4862, 0.3310, 0.3109



14.7550, 0.3215, 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.



33.0547, 0.3402, 0.3529



58.2368, 0.3466, 0.3581



36.9990, 0.3356, 0.3701



8.2286, 0.3272, 0.3419



12.7355, 0.5174, 0.4274



0.4083, 0.4773, 0.4592

Inverse Universe

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



29.9526, 0.2867, 0.3039



51.5934, 0.2810, 0.2980



26.4926, 0.2877, 0.2848



7.8080, 0.2987, 0.3157



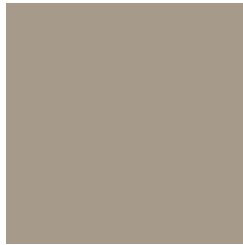
5.7128, 0.1715, 0.1375



0.2412, 0.1901, 0.2042

Previews

White Background



This preview shows how the Yxy color 33.0532, 0.3402, 0.3529 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 33.0532, 0.3402, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

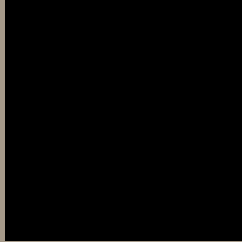
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0532, 0.3402, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 33.0532, 0.3402, 0.3529.

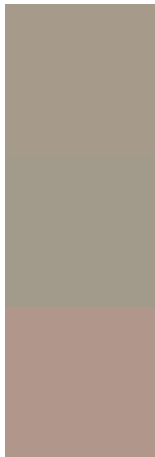


This preview shows how white text looks on a background with the Yxy color 33.0532, 0.3402, 0.3529.

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

33.0532, 0.3402, 0.3529

Protanopia

32.9882, 0.3349, 0.3531

Deuteranopia

33.0239, 0.3520, 0.3449



Tritanopia

32.8563, 0.3206, 0.3118

Trichromacy



Original Color

33.0532, 0.3402, 0.3529

Protanomaly

33.0933, 0.3359, 0.3531

Deuteranomaly

32.8815, 0.3474, 0.3466

Tritanomaly

32.7580, 0.3282, 0.3261

Monochromacy



Original Color

33.0532, 0.3402, 0.3529

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.0862, 0.3233, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0532, 0.3402, 0.3529 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(166, 154, 138)` looks like.

```
.text, #text, p{  
    color:rgb(166, 154, 138)  
}
```

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(166, 154, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 154, 138) }
```

Border

The CSS property to change the border of an element to Yxy 33.0532, 0.3402, 0.3529 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(166, 154, 138) }
```

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

```
.border{ border-color:rgb(166, 154, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 154, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 154, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 154, 138);  
box-shadow:4px 4px 4px 4px rgb(166, 154,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0532, 0.3402, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 154, 138) }
```

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

```
.background{ background-color: rgb(166,  
154, 138) }
```

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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