

Converting Colors

$Yxy(33.1687, 0.3540, 0.3516)$

Have a look what the booklet for
Yxy(33.1687, 0.3540, 0.3516)
contains.

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Color

Yxy(33.1409, 0.3537, 0.3508)

Conversions

Conversions Part 1

Format	Color
Hex	B09788
RGB	176, 151, 136
RGB Percent	69%, 59%, 53%
CMY	0.3098, 0.4078, 0.4668
CMYK	0.00, 0.14, 0.23, 0.31
HSL	23°, 20%, 61%
HSV	23°, 23%, 69%
XYZ	33.4149, 33.1409, 27.9166
YIQ	156.7650, 19.7150, 0.6350

Conversions

Conversions Part 2

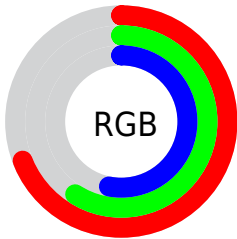
Format	Color
RYB	176, 160, 136
Decimal	11573128
CIELab	64.27, 6.88, 11.35
CIELCh	64, 13.269, 58.788
Yxy	33.1409, 0.3537, 0.3508
Android (android.graphics.Color)	4289763208 (0xFFB09788)
YUV	156.7650, -10.2371, 16.8691
Hunter-Lab	57.5681, 2.8644, 11.5461

Details

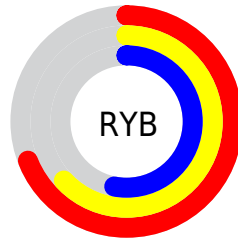
The Yxy color **33.1409, 0.3537, 0.3508** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8481, 0.2779, 0.3061**, and the grayscale version is **33.6463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4926, 0.3457, 0.3467**, and **13.9972, 0.3680, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **29.3076, 0.3766, 0.3610**, and if you desaturate by 10%, it is **37.3894, 0.3339, 0.3409**.

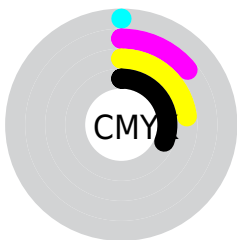
Distribution



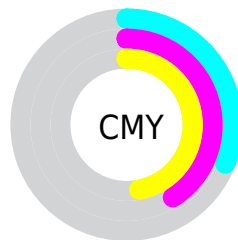
- Red (69%)
- Green (59%)
- Blue (53%)



- Red (69%)
- Yellow (63%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (23%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1409, 0.3537, 0.3508 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 33.1409, 0.3537, 0.3508 by changing the saturation by 10% instead.


 33.1409, 0.3537,
0.3508


 33.1409, 0.3537,
0.3508


316.2842, 0.3319,
0.3396

 22.2344, 0.3596,
0.3537


 64.5954, 0.3455,
0.3467

 14.0292, 0.3674,
0.3574


 85.9123, 0.3425,
0.3451

 8.1410, 0.3784,
0.3625


 111.4680, 0.3400,
0.3438

 4.1853, 0.3947,
0.3696

141.6471, 0.3379,
0.3427

 1.7778, 0.4215,
0.3802

176.8338, 0.3361,
0.3418

 0.4733, 0.5662,
0.4338

217.4127, 0.3345,

 0.0000, 0.0000,

0.3409

0.0000

263.7680, 0.3331,
0.3402

■ 33.1409, 0.3537,
0.3508

■ 33.1409, 0.3537,
0.3508

■ 29.3076, 0.3766,
0.3610

■ 37.3894, 0.3339,
0.3409

■ 25.8718, 0.4029,
0.3710

■ 42.0608, 0.3169,
0.3315

■ 22.8215, 0.4324,
0.3802

■ 47.1685, 0.3024,
0.3227

■ 20.1421, 0.4644,
0.3875

■ 52.7239, 0.2900,
0.3146

■ 17.8178, 0.4975,
0.3917

■ 58.7378, 0.2794,
0.3072

■ 15.8317, 0.5295,
0.3918

■ 65.2206, 0.2703,
0.3005

■ 14.1649, 0.5578,
0.3868

■ 71.9107, 0.2646,
0.2987

■ 13.1378, 0.5759,
0.3810

■ 78.1507, 0.2660,
0.3112

■ 84.7821, 0.2675,
0.3234

Harmonies

Analogous

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



33.1409, 0.3505, 0.3340



33.1409, 0.3537, 0.3508



33.1409, 0.3455, 0.3626

Triad

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



33.1409, 0.3537, 0.3508



33.1409, 0.2887, 0.3416



33.1409, 0.2961, 0.2949

Complementary

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



33.1409, 0.3537, 0.3508



33.8481, 0.2779, 0.3061

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.



33.1409, 0.2804, 0.2958



33.1409, 0.3537, 0.3508



33.1409, 0.2763, 0.3221

Square

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



33.1409, 0.3537, 0.3508



33.1409, 0.3077, 0.3579



33.1409, 0.2733, 0.3054



33.1409, 0.3167, 0.3024

Rectangle

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



33.1409, 0.3537, 0.3508



33.1409, 0.3349, 0.3657



33.1409, 0.2733, 0.3054



33.1409, 0.2901, 0.2942

Sweetspot

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



33.1424, 0.3537, 0.3508



72.4736, 0.3240, 0.3355



29.4159, 0.3304, 0.2930



15.6005, 0.3250, 0.3361



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



33.1424, 0.3537, 0.3508



56.7251, 0.3641, 0.3556



40.0098, 0.3479, 0.3777



9.0107, 0.3278, 0.3376



9.7429, 0.5740, 0.3825



0.4209, 0.5213, 0.4242

Inverse Universe

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



33.8481, 0.2779, 0.3061



58.2144, 0.2706, 0.3007



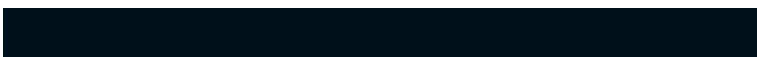
27.5076, 0.2756, 0.2751



9.0846, 0.2986, 0.3202



10.5843, 0.1897, 0.2030



0.4407, 0.2006, 0.2422

Previews

White Background



This preview shows how the Yxy color 33.1409, 0.3537, 0.3508 looks on a white background.

Color Contrast Check

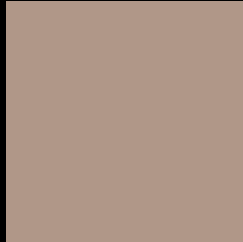
Large Text (above 18pt) WCAG AA × Fail

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 33.1409, 0.3537, 0.3508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

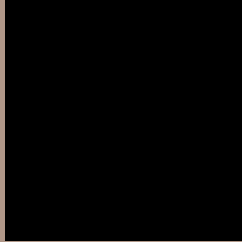
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1409, 0.3537, 0.3508

Background



This preview shows how black text looks on a background with the Yxy color 33.1409, 0.3537, 0.3508.



This preview shows how white text looks on a background with the Yxy color 33.1409, 0.3537, 0.3508.

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

33.1409, 0.3537, 0.3508

Protanopia

33.0642, 0.3369, 0.3546

Deuteranopia

33.0552, 0.3561, 0.3492



Tritanopia

33.2667, 0.3341, 0.3137

Trichromacy



Original Color

33.1409, 0.3537, 0.3508

Protanomaly

33.2422, 0.3433, 0.3542

Deuteranomaly

32.9374, 0.3550, 0.3493

Tritanomaly

33.1942, 0.3410, 0.3263

Monochromacy



Original Color

33.1409, 0.3537, 0.3508

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.5051, 0.3273, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1409, 0.3537, 0.3508 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(176, 151, 136)` looks like.

```
.text, #text, p{  
    color:rgb(176, 151, 136)  
}
```

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(176, 151, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 151, 136) }
```

Border

The CSS property to change the border of an element to Yxy 33.1409, 0.3537, 0.3508 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(176, 151, 136) }
```

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

```
.border{ border-color:rgb(176, 151, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 151, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 151, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 151, 136);  
box-shadow:4px 4px 4px 4px rgb(176, 151,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1409, 0.3537, 0.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 151, 136) }
```

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

```
.background{ background-color: rgb(176,  
151, 136) }
```

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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