

Converting Colors

$Y_{xy}(32.8605, 0.3530, 0.3618)$

Have a look what the booklet for
Yxy(32.8605, 0.3530, 0.3618)
contains.

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Color

Yxy(33.0521, 0.3537, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	AB9982
RGB	171, 153, 130
RGB Percent	67%, 60%, 51%
CMY	0.3295, 0.4000, 0.4901
CMYK	0.00, 0.11, 0.24, 0.33
HSL	34°, 20%, 59%
HSV	34°, 24%, 67%
XYZ	32.2142, 33.0521, 25.8114
YIQ	155.7600, 18.1110, -3.3370

Conversions

Conversions Part 2

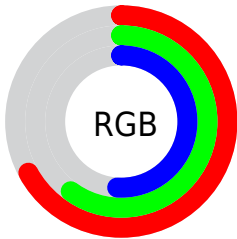
Format	Color
RYB	162, 171, 130
Decimal	11245954
CIELab	64.20, 2.91, 14.50
CIElCh	64, 14.791, 78.665
Yxy	33.0521, 0.3537, 0.3629
Android (android.graphics.Color)	4289436034 (0xFFAB9982)
YUV	155.7600, -12.6997, 13.3655
Hunter-Lab	57.4910, -0.5894, 13.6245

Details

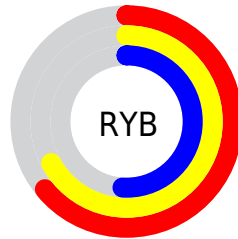
The Yxy color **33.0521, 0.3537, 0.3629** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8705, 0.2751, 0.2926**, and the grayscale version is **33.1857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3754, 0.3458, 0.3560**, and **13.9484, 0.3664, 0.3728** is the 20% darker color. If you saturate the color by 10%, you get **30.2513, 0.3742, 0.3777**, and if you desaturate by 10%, it is **36.0867, 0.3352, 0.3483**.

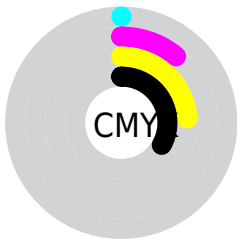
Distribution



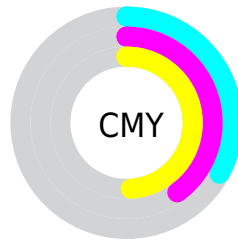
- Red (67%)
- Green (60%)
- Blue (51%)



- Red (64%)
- Yellow (67%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (33%)





- Cyan (33%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0521, 0.3537, 0.3629 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 33.0521, 0.3537, 0.3629 by changing the saturation by 10% instead.


 33.0521, 0.3537,
0.3629

 33.0521, 0.3537,
0.3629


315.8844, 0.3320,
0.3452


 22.1664, 0.3595,
0.3676


 64.4569, 0.3455,
0.3563

 13.9792, 0.3673,
0.3737


 85.7447, 0.3425,
0.3538

 8.1062, 0.3780,
0.3821


 111.2686, 0.3400,
0.3518

 4.1630, 0.3937,
0.3941

141.4131, 0.3379,
0.3501

 1.7651, 0.4212,
0.4147

176.5626, 0.3361,
0.3486

 0.4653, 0.5245,
0.4755

217.1013, 0.3346,

 0.0000, 0.0000,

0.3473

0.0000

263.4138, 0.3332,
0.3462

■ 33.0521, 0.3537,
0.3629

■ 33.0521, 0.3537,
0.3629

■ 30.2513, 0.3742,
0.3777

■ 36.0867, 0.3352,
0.3483

■ 27.6734, 0.3966,
0.3923

■ 39.3570, 0.3187,
0.3343

■ 25.3128, 0.4205,
0.4056

■ 42.8704, 0.3041,
0.3211

■ 23.1620, 0.4451,
0.4168

■ 46.6326, 0.2913,
0.3089

■ 21.2130, 0.4693,
0.4247

■ 50.6491, 0.2800,
0.2976

■ 19.4567, 0.4918,
0.4281

■ 54.9252, 0.2700,
0.2872

■ 17.8830, 0.5113,
0.4263

■ 59.4660, 0.2613,
0.2777

■ 17.0086, 0.5222,
0.4236

■ 63.4917, 0.2596,
0.2810

■ 67.3568, 0.2607,
0.2899

Harmonies

Analogous

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



33.0521, 0.3588, 0.3472



33.0521, 0.3537, 0.3629



33.0521, 0.3375, 0.3701

Triad

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



33.0521, 0.3537, 0.3629



33.0521, 0.2758, 0.3285



33.0521, 0.3091, 0.2957

Complementary

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



33.0521, 0.3537, 0.3629



28.8705, 0.2751, 0.2926

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.



33.0521, 0.2874, 0.2903



33.0521, 0.3537, 0.3629



33.0521, 0.2688, 0.3082

Square

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



33.0521, 0.3537, 0.3629



33.0521, 0.2925, 0.3500



33.0521, 0.2729, 0.2945



33.0521, 0.3324, 0.3092

Rectangle

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



33.0521, 0.3537, 0.3629



33.0521, 0.3228, 0.3684



33.0521, 0.2729, 0.2945



33.0521, 0.3013, 0.2929

Sweetspot

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



33.0536, 0.3537, 0.3629



68.5954, 0.3237, 0.3387



26.7825, 0.3399, 0.3018



15.2217, 0.3246, 0.3395



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



33.0536, 0.3537, 0.3629



56.3671, 0.3649, 0.3712



39.1607, 0.3461, 0.3879



8.7326, 0.3273, 0.3417



12.9307, 0.5209, 0.4246



0.4662, 0.4826, 0.4550

Inverse Universe

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



28.8705, 0.2751, 0.2926



47.5007, 0.2659, 0.2828



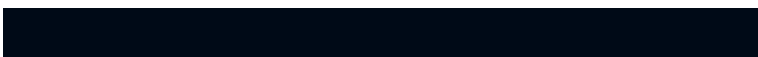
23.8251, 0.2747, 0.2633



8.3141, 0.2986, 0.3159



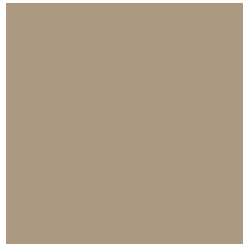
6.1181, 0.1725, 0.1408



0.2804, 0.1893, 0.2014

Previews

White Background



This preview shows how the Yxy color 33.0521, 0.3537, 0.3629 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 33.0521, 0.3537, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

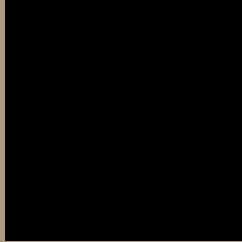
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

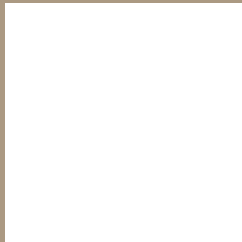
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.0521, 0.3537, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 33.0521, 0.3537, 0.3629.



This preview shows how white text looks on a background with the Yxy color 33.0521, 0.3537, 0.3629.

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

33.0521, 0.3537, 0.3629

Protanopia

32.9739, 0.3447, 0.3652

Deuteranopia

33.1547, 0.3634, 0.3562



Tritanopia

33.1469, 0.3288, 0.3135

Trichromacy



Original Color

33.0521, 0.3537, 0.3629

Protanomaly

32.9654, 0.3482, 0.3634

Deuteranomaly

33.1190, 0.3598, 0.3579

Tritanomaly

32.9813, 0.3386, 0.3305

Monochromacy



Original Color

33.0521, 0.3537, 0.3629

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.1263, 0.3262, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0521, 0.3537, 0.3629 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(171, 153, 130)` looks like.

```
.text, #text, p{  
    color:rgb(171, 153, 130)  
}
```

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(171, 153, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 153, 130) }
```

Border

The CSS property to change the border of an element to Yxy 33.0521, 0.3537, 0.3629 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(171, 153, 130) }
```

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

```
.border{ border-color:rgb(171, 153, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 153, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 153, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 153, 130); box-shadow:4px 4px 4px 4px rgb(171, 153, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0521, 0.3537, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 153, 130) }
```

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

```
.background{ background-color: rgb(171,  
153, 130) }
```

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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