

Converting Colors

$Y_{xy}(36.3225, 0.3186, 0.3156)$

Have a look what the booklet for
Yxy(36.3225, 0.3186, 0.3156)
contains.

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Color

Yxy(36.1651, 0.3182, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	AD9EA8
RGB	173, 158, 168
RGB Percent	68%, 62%, 66%
CMY	0.3215, 0.3804, 0.3411
CMYK	0.00, 0.09, 0.03, 0.32
HSL	320°, 8%, 65%
HSV	320°, 9%, 68%
XYZ	36.5325, 36.1651, 42.1122
YIQ	163.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

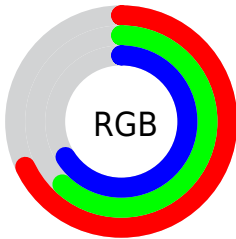
Format	Color
RYB	173, 158, 168
Decimal	11378344
CIELab	66.65, 7.31, -3.22
CIElCh	67, 7.986, 336.183
Yxy	36.1651, 0.3182, 0.3150
Android (android.graphics.Color)	4289568424 (0xFFAD9EA8)
YUV	163.6250, 2.1569, 8.2219
Hunter-Lab	60.1374, 3.1953, 0.5774

Details

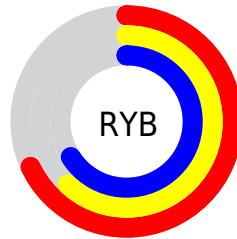
The Yxy color **36.1651, 0.3182, 0.3150** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8059, 0.3076, 0.3434**, and the grayscale version is **36.9266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4102, 0.3169, 0.3183**, and **15.8413, 0.3204, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **30.4644, 0.3256, 0.2982**, and if you desaturate by 10%, it is **42.7094, 0.3120, 0.3311**.

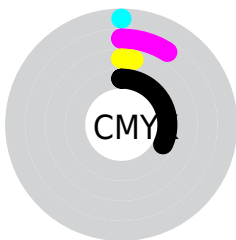
Distribution



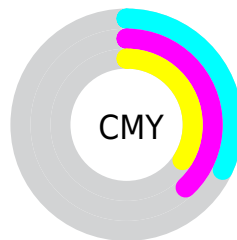
- Red (68%)
- Green (62%)
- Blue (66%)



- Red (68%)
- Yellow (62%)
- Blue (66%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (32%)





- Cyan (32%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1651, 0.3182, 0.3150 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 36.1651, 0.3182, 0.3150 by changing the saturation by 10% instead.

 36.1651, 0.3182,
0.3150

 36.1651, 0.3182,
0.3150


329.6816, 0.3154,
0.3222

 24.5617, 0.3189,
0.3131


 69.2868, 0.3172,
0.3177

 15.7508, 0.3199,
0.3107


 91.5740, 0.3168,
0.3187

 9.3480, 0.3212,
0.3073


118.1911, 0.3164,
0.3195

 4.9689, 0.3231,
0.3024

149.5228, 0.3162,
0.3202

 2.2290, 0.3260,
0.2947

185.9532, 0.3159,
0.3208

 0.7357, 0.3324,
0.2785


227.8669, 0.3157,


 0.0000, 0.0000,

0.3214


0.0000


275.6482, 0.3155,
0.3218


 36.1651, 0.3182,
0.3150

 36.1651, 0.3182,
0.3150


 30.4644, 0.3256,
0.2982


 42.7094, 0.3120,
0.3311


 25.5679, 0.3342,
0.2810


 50.1252, 0.3067,
0.3462


 21.4401, 0.3442,
0.2639

 58.4449, 0.3023,
0.3602

 18.0410, 0.3555,
0.2476

 67.6980, 0.2986,
0.3732

 15.3270, 0.3681,
0.2331

 77.9124, 0.2956,
0.3852

■ 13.2498, 0.3817,
0.2215

■ 84.6952, 0.2928,
0.3892

■ 11.7546, 0.3960,
0.2137

■ 84.9736, 0.2898,
0.3823

■ 10.7775, 0.4103,
0.2106

■ 85.2623, 0.2869,
0.3755

■ 10.2029, 0.4245,
0.2120

■ 85.5614, 0.2839,
0.3687

Harmonies

Analogous

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



36.1651, 0.3059, 0.3094



36.1651, 0.3182, 0.3150



36.1651, 0.3292, 0.3242

Triad

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



36.1651, 0.3182, 0.3150



36.1651, 0.3299, 0.3496



36.1651, 0.2902, 0.3225

Complementary

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



36.1651, 0.3182, 0.3150



39.8059, 0.3076, 0.3434

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.



36.1651, 0.2964, 0.3337



36.1651, 0.3182, 0.3150



36.1651, 0.3192, 0.3495

Square

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



36.1651, 0.3182, 0.3150



36.1651, 0.3360, 0.3441



36.1651, 0.3070, 0.3437



36.1651, 0.2899, 0.3135

Rectangle

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



36.1651, 0.3182, 0.3150



36.1651, 0.3342, 0.3312



36.1651, 0.3070, 0.3437



36.1651, 0.2917, 0.3262

Sweetspot

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



36.1667, 0.3182, 0.3150



71.1647, 0.3146, 0.3242



35.2308, 0.3040, 0.3075



15.2636, 0.3150, 0.3229



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.



36.1667, 0.3182, 0.3150



63.1403, 0.3192, 0.3125



35.9030, 0.3249, 0.3252



8.1021, 0.3186, 0.3140



7.4556, 0.4249, 0.2115



0.2170, 0.3865, 0.1903

Inverse Universe

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



36.1667, 0.3182, 0.3150



63.1403, 0.3192, 0.3125



40.0742, 0.3018, 0.3329



8.1021, 0.3186, 0.3140



7.4556, 0.4249, 0.2115



0.2170, 0.3865, 0.1903

Previews

White Background



This preview shows how the Yxy color 36.1651, 0.3182, 0.3150 looks on a white background.

Color Contrast Check

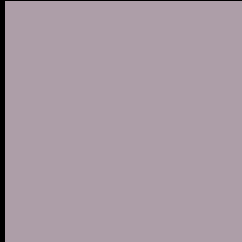
Large Text (above 18pt) WCAG AA × Fail

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 36.1651, 0.3182, 0.3150 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

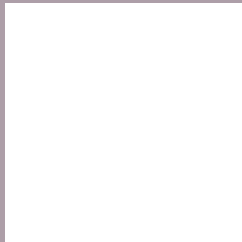
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.1651, 0.3182, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 36.1651, 0.3182, 0.3150.



This preview shows how white text looks on a background with the Yxy color 36.1651, 0.3182, 0.3150.

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

36.1651, 0.3182, 0.3150

Protanopia

36.1785, 0.3067, 0.3161

Deuteranopia

36.0551, 0.3202, 0.3137



Tritanopia

36.2402, 0.3164, 0.3123

Trichromacy



Original Color

36.1651, 0.3182, 0.3150

Protanomaly

36.2217, 0.3114, 0.3162

Deuteranomaly

35.9398, 0.3193, 0.3137

Tritanomaly

36.2025, 0.3173, 0.3137

Monochromacy



Original Color

36.1651, 0.3182, 0.3150

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.7728, 0.3148, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1651, 0.3182, 0.3150 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(173, 158, 168)` looks like.

```
.text, #text, p{  
    color:rgb(173, 158, 168)  
}
```

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(173, 158, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 158, 168) }
```

Border

The CSS property to change the border of an element to Yxy 36.1651, 0.3182, 0.3150 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(173, 158, 168) }
```

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

```
.border{ border-color:rgb(173, 158, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 158, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 158, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 158, 168);  
box-shadow:4px 4px 4px 4px rgb(173, 158,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1651, 0.3182, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 158, 168) }
```

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

```
.background{ background-color: rgb(173,  
158, 168) }
```

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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