

Converting Colors

$Y_{xy}(32.9555, 0.3202, 0.3135)$

Have a look what the booklet for
Yxy(32.9555, 0.3202, 0.3135)
contains.

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Color

Yxy(33.0313, 0.3205, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	A897A1
RGB	168, 151, 161
RGB Percent	66%, 59%, 63%
CMY	0.3411, 0.4079, 0.3687
CMYK	0.00, 0.10, 0.04, 0.34
HSL	325°, 9%, 63%
HSV	325°, 10%, 66%
XYZ	33.6508, 33.0313, 38.3125
YIQ	157.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

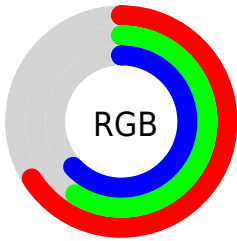
Format	Color
RYB	168, 151, 161
Decimal	11048865
CIELab	64.19, 8.09, -2.94
CIELCh	64, 8.606, 339.993
Yxy	33.0313, 0.3205, 0.3146
Android (android.graphics.Color)	4289238945 (0xFFA897A1)
YUV	157.2230, 1.8621, 9.4514
Hunter-Lab	57.4729, 3.9355, 0.7071

Details

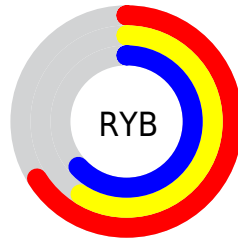
The Yxy color **33.0313, 0.3205, 0.3146** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0637, 0.3056, 0.3438**, and the grayscale version is **33.8132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3085, 0.3186, 0.3169**, and **13.9531, 0.3224, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **27.7661, 0.3297, 0.2997**, and if you desaturate by 10%, it is **39.0838, 0.3128, 0.3288**.

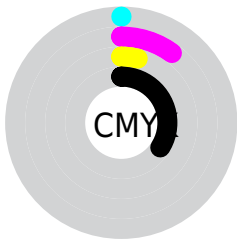
Distribution



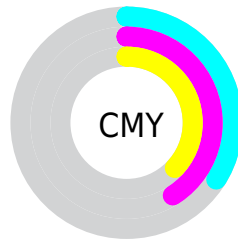
- Red (66%)
- Green (59%)
- Blue (63%)



- Red (66%)
- Yellow (59%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (34%)





- Cyan (34%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0313, 0.3205, 0.3146 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 33.0313, 0.3205, 0.3146 by changing the saturation by 10% instead.


 33.0313, 0.3205,
0.3146


 33.0313, 0.3205,
0.3146


315.7907, 0.3164,
0.3221

 22.1504, 0.3216,
0.3126


 64.4244, 0.3190,
0.3174

 13.9675, 0.3230,
0.3100


 85.7054, 0.3184,
0.3185

 8.0980, 0.3250,
0.3063


111.2219, 0.3179,
0.3193

 4.1577, 0.3279,
0.3009

141.3583, 0.3176,
0.3201

 1.7622, 0.3327,
0.2921

176.4990, 0.3172,
0.3207

 0.4634, 0.3521,
0.2558

217.0284, 0.3169,

 0.0000, 0.0000,

0.3212

0.0000

263.3308, 0.3167,
0.3217

■ 33.0313, 0.3205,
0.3146

■ 33.0313, 0.3205,
0.3146

■ 27.7661, 0.3297,
0.2997

■ 39.0838, 0.3128,
0.3288

■ 23.2512, 0.3405,
0.2844

■ 45.9500, 0.3064,
0.3422

■ 19.4532, 0.3532,
0.2693

■ 53.6604, 0.3010,
0.3546

■ 16.3341, 0.3677,
0.2550

■ 62.2427, 0.2966,
0.3660

■ 13.8528, 0.3840,
0.2425

■ 71.7232, 0.2929,
0.3765

■ 11.9635, 0.4019,
0.2328

■ 82.1272, 0.2899,
0.3862

■ 10.6142, 0.4207,
0.2272

■ 84.4819, 0.2865,
0.3811

■ 9.7437, 0.4398,
0.2265

■ 84.8349, 0.2829,
0.3728

■ 9.2198, 0.4584,
0.2299

■ 85.2032, 0.2794,
0.3646

Harmonies

Analogous

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



33.0313, 0.3068, 0.3078



33.0313, 0.3205, 0.3146



33.0313, 0.3323, 0.3251

Triad

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



33.0313, 0.3205, 0.3146



33.0313, 0.3305, 0.3523



33.0313, 0.2874, 0.3203

Complementary

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



33.0313, 0.3205, 0.3146



37.0637, 0.3056, 0.3438

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.



33.0313, 0.2934, 0.3326



33.0313, 0.3205, 0.3146



33.0313, 0.3182, 0.3514

Square

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



33.0313, 0.3205, 0.3146



33.0313, 0.3381, 0.3468



33.0313, 0.3046, 0.3441



33.0313, 0.2879, 0.3108

Rectangle

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



33.0313, 0.3205, 0.3146



33.0313, 0.3374, 0.3329



33.0313, 0.3046, 0.3441



33.0313, 0.2887, 0.3243

Sweetspot

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



33.0327, 0.3205, 0.3146



67.5428, 0.3149, 0.3247



32.2103, 0.3038, 0.3039



14.5288, 0.3155, 0.3236



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.



33.0327, 0.3205, 0.3146



57.8142, 0.3223, 0.3115



32.7501, 0.3285, 0.3266



7.6133, 0.3198, 0.3158



6.9705, 0.4566, 0.2289



0.1794, 0.4012, 0.1984

Inverse Universe

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



33.0327, 0.3205, 0.3146



57.8142, 0.3223, 0.3115



37.3587, 0.2988, 0.3315



7.6133, 0.3198, 0.3158



6.9705, 0.4566, 0.2289



0.1794, 0.4012, 0.1984

Previews

White Background



This preview shows how the Yxy color 33.0313, 0.3205, 0.3146 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 33.0313, 0.3205, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

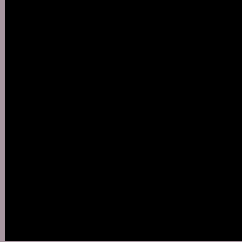
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0313, 0.3205, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 33.0313, 0.3205, 0.3146.



This preview shows how white text looks on a background with the Yxy color 33.0313, 0.3205, 0.3146.

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

33.0313, 0.3205, 0.3146

Protanopia

33.1550, 0.3065, 0.3171

Deuteranopia

33.0313, 0.3205, 0.3146



Tritanopia

33.1024, 0.3186, 0.3117

Trichromacy



Original Color

33.0313, 0.3205, 0.3146

Protanomaly

33.1934, 0.3113, 0.3172

Deuteranomaly

33.0313, 0.3205, 0.3146

Tritanomaly

33.0667, 0.3195, 0.3132

Monochromacy



Original Color

33.0313, 0.3205, 0.3146

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.4884, 0.3159, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0313, 0.3205, 0.3146 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(168, 151, 161)` looks like.

```
.text, #text, p{  
    color:rgb(168, 151, 161)  
}
```

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(168, 151, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 151, 161) }
```

Border

The CSS property to change the border of an element to Yxy 33.0313, 0.3205, 0.3146 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(168, 151, 161) }
```

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

```
.border{ border-color:rgb(168, 151, 161) }
```

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

Here you see how a box with a 4 pixel rgb(168, 151, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 151, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 151, 161);  
box-shadow:4px 4px 4px 4px rgb(168, 151,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0313, 0.3205, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 151, 161) }
```

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

```
.background{ background-color: rgb(168,  
151, 161) }
```

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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