

Converting Colors

$Y_{xy}(32.1675, 0.3145, 0.3011)$

Have a look what the booklet for
Yxy(32.1675, 0.3145, 0.3011)
contains.

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Color

Yxy(32.2947, 0.3150, 0.3018)

Conversions

Conversions Part 1

Format	Color
Hex	A894A7
RGB	168, 148, 167
RGB Percent	66%, 58%, 65%
CMY	0.3413, 0.4195, 0.3452
CMYK	0.00, 0.12, 0.01, 0.34
HSL	303°, 10%, 62%
HSV	303°, 12%, 66%
XYZ	33.7072, 32.2947, 41.0051
YIQ	156.1460, 5.8210, 10.1490

Conversions

Conversions Part 2

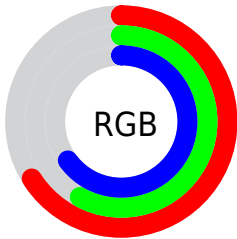
Format	Color
R_{YB}	168, 148, 167
Decimal	11048103
CIE Lab	63.59, 10.87, -7.21
CIE LCh	64, 13.047, 326.440
Yxy	32.2947, 0.3150, 0.3018
Android (android.graphics.Color)	4289238183 (0xFFA894A7)
YUV	156.1460, 5.3510, 10.3960
Hunter-Lab	56.8284, 6.4257, -3.0013

Details

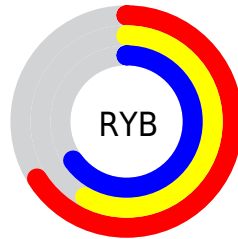
The Yxy color **32.2947, 0.3150, 0.3018** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4628, 0.3105, 0.3578**, and the grayscale version is **33.2870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2030, 0.3145, 0.3071**, and **13.5002, 0.3159, 0.2927** is the 20% darker color. If you saturate the color by 10%, you get **27.3718, 0.3171, 0.2783**, and if you desaturate by 10%, it is **37.9853, 0.3131, 0.3248**.

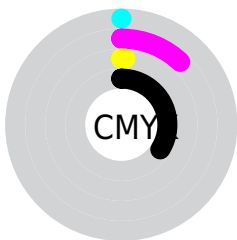
Distribution



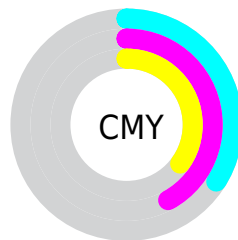
- Red (66%)
- Green (58%)
- Blue (65%)



- Red (66%)
- Yellow (58%)
- Blue (65%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (34%)




- Cyan (34%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.2947, 0.3150, 0.3018 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 32.2947, 0.3150, 0.3018 by changing the saturation by 10% instead.


 32.2947, 0.3150,
0.3018


 32.2947, 0.3150,
0.3018


312.4595, 0.3139,
0.3160

 21.5867, 0.3152,
0.2981


 63.2728, 0.3146,
0.3071

 13.5535, 0.3156,
0.2932


 84.3117, 0.3145,
0.3090

 7.8108, 0.3159,
0.2864


109.5630, 0.3143,
0.3107

 3.9741, 0.3164,
0.2766

139.4111, 0.3142,
0.3120

 1.6591, 0.3169,
0.2608

174.2404, 0.3141,
0.3132

 0.3970, 0.3252,
0.2009

214.4353, 0.3141,

 0.0000, 0.0000,

0.3143

0.0000

260.3802, 0.3140,
0.3152

■ 32.2947, 0.3150,
0.3018

■ 32.2947, 0.3150,
0.3018

■ 27.3718, 0.3171,
0.2783

■ 37.9853, 0.3131,
0.3248

■ 23.1796, 0.3194,
0.2550

■ 44.4702, 0.3113,
0.3468

■ 19.6844, 0.3217,
0.2326

■ 51.7800, 0.3097,
0.3675

■ 16.8481, 0.3241,
0.2121

■ 59.9422, 0.3083,
0.3868

■ 14.6290, 0.3264,
0.1943

■ 68.9832, 0.3071,
0.4046

■ 12.9806, 0.3286,
0.1801

■ 78.9283, 0.3060,
0.4208

■ 11.8500, 0.3306,
0.1699

■ 82.8526, 0.3054,
0.4258

■ 11.1742, 0.3324,
0.1639

■ 82.8851, 0.3050,
0.4248

■ 10.8460, 0.3337,
0.1612

■ 82.9177, 0.3045,
0.4237

Harmonies

Analogous

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



32.2947, 0.2948, 0.2949



32.2947, 0.3150, 0.3018



32.2947, 0.3352, 0.3153

Triad

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



32.2947, 0.3150, 0.3018



32.2947, 0.3462, 0.3617



32.2947, 0.2773, 0.3237

Complementary

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



32.2947, 0.3150, 0.3018



36.4628, 0.3105, 0.3578

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.



32.2947, 0.2902, 0.3429



32.2947, 0.3150, 0.3018



32.2947, 0.3300, 0.3654

Square

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



32.2947, 0.3150, 0.3018



32.2947, 0.3535, 0.3494



32.2947, 0.3094, 0.3586



32.2947, 0.2735, 0.3067

Rectangle

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



32.2947, 0.3150, 0.3018



32.2947, 0.3457, 0.3266



32.2947, 0.3094, 0.3586



32.2947, 0.2807, 0.3301

Sweetspot

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



32.2961, 0.3150, 0.3018



66.5682, 0.3135, 0.3198



30.3709, 0.2950, 0.2987



14.3392, 0.3136, 0.3181



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.



32.2961, 0.3150, 0.3018



56.3791, 0.3155, 0.2963



31.9525, 0.3243, 0.3155



7.6601, 0.3145, 0.3078



8.1957, 0.3336, 0.1611



0.2013, 0.3290, 0.1586

Inverse Universe

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



32.2961, 0.3150, 0.3018



56.3791, 0.3155, 0.2963



36.7839, 0.3025, 0.3429



7.6601, 0.3145, 0.3078



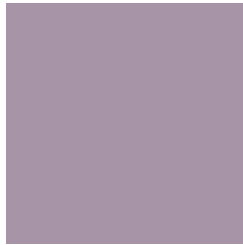
8.1957, 0.3336, 0.1611



0.2013, 0.3290, 0.1586

Previews

White Background



This preview shows how the Yxy color 32.2947, 0.3150, 0.3018 looks on a white background.

Color Contrast Check

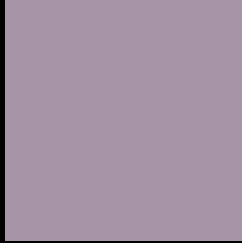
Large Text (above 18pt) WCAG AA × Fail

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 32.2947, 0.3150, 0.3018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

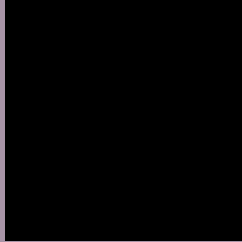
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2947, 0.3150, 0.3018

Background



This preview shows how black text looks on a background with the Yxy color 32.2947, 0.3150, 0.3018.



This preview shows how white text looks on a background with the Yxy color 32.2947, 0.3150, 0.3018.

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

32.2947, 0.3150, 0.3018

Protanopia

32.3601, 0.2965, 0.3037

Deuteranopia

32.3892, 0.3099, 0.3043



Tritanopia

32.2836, 0.3196, 0.3116

Trichromacy



Original Color

32.2947, 0.3150, 0.3018

Protanomaly

32.2669, 0.3031, 0.3025

Deuteranomaly

32.2842, 0.3119, 0.3030

Tritanomaly

32.3547, 0.3177, 0.3088

Monochromacy



Original Color

32.2947, 0.3150, 0.3018

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.7941, 0.3132, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2947, 0.3150, 0.3018 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, 148, 167)` looks like.

```
.text, #text, p{  
    color:rgb(168, 148, 167)  
}
```

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, 148, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 148, 167) }
```

Border

The CSS property to change the border of an element to Yxy 32.2947, 0.3150, 0.3018 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, 148, 167) }
```

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

```
.border{ border-color:rgb(168, 148, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 148, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 148, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 148, 167);  
box-shadow:4px 4px 4px 4px rgb(168, 148,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2947, 0.3150, 0.3018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 148, 167) }
```

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

```
.background{ background-color: rgb(168,  
148, 167) }
```

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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