

Converting Colors

$Y_{xy}(32.1980, 0.3115, 0.2833)$

Have a look what the booklet for
Yxy(32.1980, 0.3115, 0.2833)
contains.

Yxy(32.1195, 0.3118, 0.2832)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.1195, 0.3118, 0.2832)

Conversions

Conversions Part 1

Format	Color
Hex	AE90B1
RGB	174, 144, 177
RGB Percent	68%, 56%, 69%
CMY	0.3177, 0.4353, 0.3059
CMYK	0.02, 0.19, 0.00, 0.31
HSL	295°, 17%, 63%
HSV	295°, 19%, 69%
XYZ	35.3632, 32.1195, 45.9336
YIQ	156.7320, 7.2870, 16.6230

Conversions

Conversions Part 2

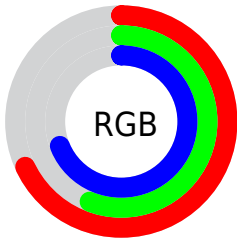
Format	Color
RYB	174, 144, 177
Decimal	11440305
CIELab	63.44, 17.20, -13.03
CIELCh	63, 21.576, 322.849
Yxy	32.1195, 0.3118, 0.2832
Android (android.graphics.Color)	4289630385 (0xFFAE90B1)
YUV	156.7320, 9.9921, 15.1440
Hunter-Lab	56.6741, 12.1999, -8.3819

Details

The Yxy color **32.1195, 0.3118, 0.2832** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.6658, 0.3130, 0.3786**, and the grayscale version is **33.5426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0944, 0.3122, 0.2916**, and **13.3489, 0.3111, 0.2690** is the 20% darker color. If you saturate the color by 10%, you get **26.9877, 0.3110, 0.2580**, and if you desaturate by 10%, it is **38.0970, 0.3124, 0.3081**.

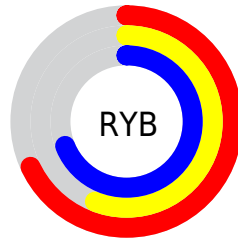
Distribution



Red (68%)

Green (56%)

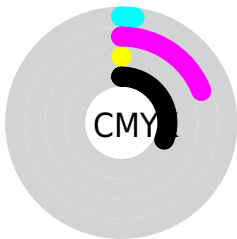
Blue (69%)



Red (68%)

Yellow (56%)

Blue (69%)

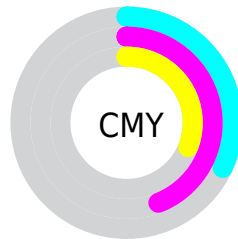


Cyan (2%)

Magenta (19%)

Yellow (0%)

Black (31%)



Cyan (32%)


Magenta (44%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1195, 0.3118, 0.2832 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 32.1195, 0.3118, 0.2832 by changing the saturation by 10% instead.


 32.1195, 0.3118,
0.2832


 32.1195, 0.3118,
0.2832


311.6633, 0.3126,
0.3067

 21.4528, 0.3115,
0.2771


 62.9984, 0.3122,
0.2919

 13.4554, 0.3110,
0.2692


 83.9793, 0.3123,
0.2951

 7.7429, 0.3101,
0.2585


109.1672, 0.3124,
0.2978

 3.9309, 0.3087,
0.2432

138.9463, 0.3125,
0.3001

 1.6350, 0.3057,
0.2197

173.7010, 0.3125,
0.3021

 0.3810, 0.3084,
0.1502

213.8159, 0.3125,

 0.0000, 0.0000,

0.3038

0.0000

259.6751, 0.3126,
0.3054

■ 32.1195, 0.3118,
0.2832

■ 32.1195, 0.3118,
0.2832

■ 26.9877, 0.3110,
0.2580

■ 38.0970, 0.3124,
0.3081

■ 22.6584, 0.3099,
0.2332

■ 44.9525, 0.3128,
0.3322

■ 19.0907, 0.3085,
0.2099

■ 52.7219, 0.3129,
0.3550

■ 16.2387, 0.3069,
0.1889

■ 61.4375, 0.3130,
0.3762

■ 14.0514, 0.3050,
0.1712

■ 71.1305, 0.3129,
0.3957

■ 12.4709, 0.3029,
0.1575

■ 81.8302, 0.3128,
0.4136

■ 11.4297, 0.3007,
0.1480

■ 85.0481, 0.3134,
0.4180

■ 10.8087, 0.2984,
0.1423

■ 85.2509, 0.3144,
0.4177

■ 10.7337, 0.2981,
0.1416

■ 85.4561, 0.3154,
0.4174

Harmonies

Analogous

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



32.1195, 0.2794, 0.2734



32.1195, 0.3118, 0.2832



32.1195, 0.3461, 0.3036

Triad

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



32.1195, 0.3118, 0.2832



32.1195, 0.3704, 0.3807



32.1195, 0.2566, 0.3231

Complementary

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



32.1195, 0.3118, 0.2832



39.6658, 0.3130, 0.3786

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.



32.1195, 0.2788, 0.3560



32.1195, 0.3118, 0.2832



32.1195, 0.3443, 0.3902

Square

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



32.1195, 0.3118, 0.2832



32.1195, 0.3809, 0.3583



32.1195, 0.3107, 0.3815



32.1195, 0.2489, 0.2942

Rectangle

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



32.1195, 0.3118, 0.2832



32.1195, 0.3649, 0.3210



32.1195, 0.3107, 0.3815



32.1195, 0.2625, 0.3341

Sweetspot

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



32.1209, 0.3118, 0.2832



71.1921, 0.3125, 0.3144



30.0677, 0.2828, 0.2842



15.2671, 0.3125, 0.3128



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.



32.1209, 0.3118, 0.2832



53.9184, 0.3115, 0.2738



31.9700, 0.3278, 0.3012



8.6065, 0.3124, 0.3065



7.7902, 0.2984, 0.1417



0.2565, 0.3051, 0.1454

Inverse Universe

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



31.4040, 0.3452, 0.3248



52.4296, 0.3534, 0.3239



39.8181, 0.3001, 0.3585



8.5175, 0.3273, 0.3270



6.8040, 0.6278, 0.3232



0.2182, 0.5830, 0.2985

Previews

White Background



This preview shows how the Yxy color 32.1195, 0.3118, 0.2832 looks on a white background.

Color Contrast Check

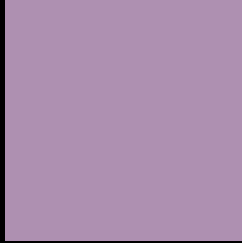
Large Text (above 18pt) WCAG AA × Fail

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 32.1195, 0.3118, 0.2832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

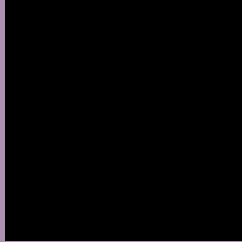
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1195, 0.3118, 0.2832

Background



This preview shows how black text looks on a background with the Yxy color 32.1195, 0.3118, 0.2832.



This preview shows how white text looks on a background with the Yxy color 32.1195, 0.3118, 0.2832.

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

32.1195, 0.3118, 0.2832

Protanopia

32.1713, 0.2819, 0.2835

Deuteranopia

32.2164, 0.2969, 0.2912



Tritanopia

32.0286, 0.3260, 0.3118

Trichromacy



Original Color

32.1195, 0.3118, 0.2832

Protanomaly

31.9992, 0.2916, 0.2828

Deuteranomaly

32.2069, 0.3027, 0.2890

Tritanomaly

32.0816, 0.3202, 0.3006

Monochromacy



Original Color

32.1195, 0.3118, 0.2832

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.9233, 0.3125, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1195, 0.3118, 0.2832 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(174, 144, 177)` looks like.

```
.text, #text, p{  
    color:rgb(174, 144, 177)  
}
```

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(174, 144, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 144, 177) }
```

Border

The CSS property to change the border of an element to Yxy 32.1195, 0.3118, 0.2832 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(174, 144, 177) }
```

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

```
.border{ border-color:rgb(174, 144, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 144, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 144, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 144, 177);  
box-shadow:4px 4px 4px 4px rgb(174, 144,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1195, 0.3118, 0.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 144, 177) }
```

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

```
.background{ background-color: rgb(174,  
144, 177) }
```

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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