

Converting Colors

$Yxy(33.4795, 0.3147, 0.2957)$

Have a look what the booklet for
Yxy(33.4795, 0.3147, 0.2957)
contains.

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Color

Yxy(33.3963, 0.3143, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	AD95AD
RGB	173, 149, 173
RGB Percent	68%, 58%, 68%
CMY	0.3216, 0.4156, 0.3216
CMYK	0.00, 0.14, 0.00, 0.32
HSL	300°, 13%, 63%
HSV	300°, 14%, 68%
XYZ	35.5210, 33.3963, 44.0989
YIQ	158.9120, 6.6000, 12.5520

Conversions

Conversions Part 2

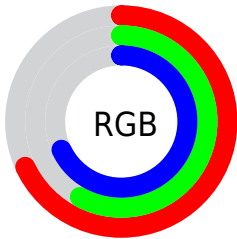
Format	Color
R _{YB}	173, 149, 173
Decimal	11376045
CIE _{Lab}	64.48, 13.25, -9.21
CIE _{LCh}	64, 16.142, 325.190
Yxy	33.3963, 0.3143, 0.2955
Android (android.graphics.Color)	4289566125 (0xFFAD95AD)
YUV	158.9120, 6.9454, 12.3552
Hunter-Lab	57.7895, 8.5854, -4.7913

Details

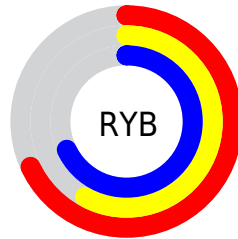
The Yxy color **33.3963, 0.3143, 0.2955** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4456, 0.3110, 0.3649**, and the grayscale version is **34.5942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9713, 0.3147, 0.3022**, and **14.1808, 0.3148, 0.2843** is the 20% darker color. If you saturate the color by 10%, you get **28.3235, 0.3155, 0.2709**, and if you desaturate by 10%, it is **39.2850, 0.3132, 0.3198**.

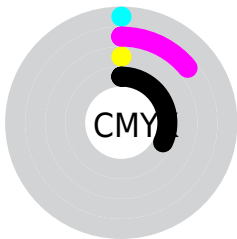
Distribution



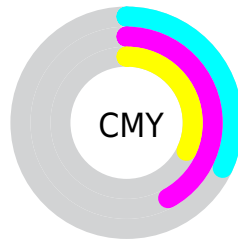
- Red (68%)
- Green (58%)
- Blue (68%)



- Red (68%)
- Yellow (58%)
- Blue (68%)



- Cyan (0%)
- Magenta (14%)
- Yellow (0%)
- Black (32%)





- Cyan (32%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.3963, 0.3143, 0.2955 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 33.3963, 0.3143, 0.2955 by changing the saturation by 10% instead.


 33.3963, 0.3143,
0.2955


 33.3963, 0.3143,
0.2955


317.4317, 0.3136,
0.3128

 22.4302, 0.3144,
0.2910


 64.9938, 0.3141,
0.3019

 14.1734, 0.3145,
0.2852


 86.3939, 0.3140,
0.3043

 8.2413, 0.3146,
0.2772


112.0409, 0.3139,
0.3062

 4.2498, 0.3146,
0.2657

142.3191, 0.3139,
0.3079

 1.8142, 0.3142,
0.2478

177.6128, 0.3138,
0.3094

 0.4960, 0.3190,
0.1990

218.3066, 0.3137,

 0.0000, 0.0000,

0.3107

0.0000

264.7848, 0.3137,
0.3118

■ 33.3963, 0.3143,
0.2955

■ 33.3963, 0.3143,
0.2955

■ 28.3235, 0.3155,
0.2709

■ 39.2850, 0.3132,
0.3198

■ 24.0267, 0.3166,
0.2467

■ 46.0189, 0.3120,
0.3433

■ 20.4688, 0.3177,
0.2238

■ 53.6310, 0.3110,
0.3654

■ 17.6083, 0.3187,
0.2031

■ 62.1513, 0.3100,
0.3861

■ 15.3994, 0.3195,
0.1855

■ 71.6084, 0.3091,
0.4052

■ 13.7909, 0.3202,
0.1717

■ 82.0297, 0.3083,
0.4226

■ 12.7239, 0.3207,
0.1620

■ 83.4223, 0.3082,
0.4247

■ 12.1277, 0.3209,
0.1564

■ 83.4226, 0.3082,
0.4247

■ 11.8969, 0.3210,
0.1542

■ 83.4229, 0.3082,
0.4247

Harmonies

Analogous

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



33.3963, 0.2898, 0.2875



33.3963, 0.3143, 0.2955



33.3963, 0.3392, 0.3115

Triad

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



33.3963, 0.3143, 0.2955



33.3963, 0.3543, 0.3685



33.3963, 0.2700, 0.3232

Complementary

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



33.3963, 0.3143, 0.2955



38.4456, 0.3110, 0.3649

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.



33.3963, 0.2861, 0.3470



33.3963, 0.3143, 0.2955



33.3963, 0.3346, 0.3738

Square

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



33.3963, 0.3143, 0.2955



33.3963, 0.3628, 0.3529



33.3963, 0.3096, 0.3661



33.3963, 0.2650, 0.3023

Rectangle

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



33.3963, 0.3143, 0.2955



33.3963, 0.3524, 0.3250



33.3963, 0.3096, 0.3661



33.3963, 0.2742, 0.3312

Sweetspot

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



33.3977, 0.3143, 0.2955



70.1317, 0.3132, 0.3193



30.9052, 0.2910, 0.2930



15.0622, 0.3133, 0.3176



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.



33.3977, 0.3143, 0.2955



56.5379, 0.3147, 0.2871



32.9546, 0.3258, 0.3120



8.1480, 0.3138, 0.3067



8.7408, 0.3210, 0.1542



0.2432, 0.3210, 0.1542

Inverse Universe

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



33.3977, 0.3143, 0.2955



56.5379, 0.3147, 0.2871



38.8482, 0.3014, 0.3467



8.1480, 0.3138, 0.3067



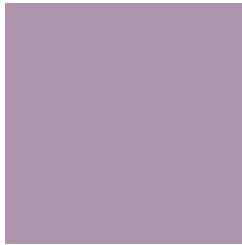
8.7408, 0.3210, 0.1542



0.2432, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 33.3963, 0.3143, 0.2955 looks on a white background.

Color Contrast Check

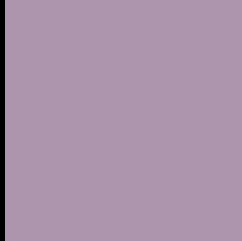
Large Text (above 18pt) WCAG AA × Fail

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 33.3963, 0.3143, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

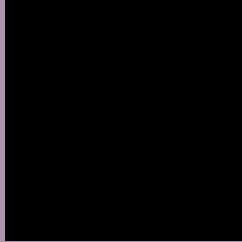
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3963, 0.3143, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 33.3963, 0.3143, 0.2955.



This preview shows how white text looks on a background with the Yxy color 33.3963, 0.3143, 0.2955.

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

33.3963, 0.3143, 0.2955

Protanopia

33.3893, 0.2915, 0.2968

Deuteranopia

33.3275, 0.3062, 0.3003



Tritanopia

33.4355, 0.3216, 0.3119

Trichromacy



Original Color

33.3963, 0.3143, 0.2955

Protanomaly

33.3906, 0.2988, 0.2959

Deuteranomaly

33.3273, 0.3092, 0.2991

Tritanomaly

33.3734, 0.3189, 0.3050

Monochromacy



Original Color

33.3963, 0.3143, 0.2955

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.0155, 0.3133, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3963, 0.3143, 0.2955 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, 149, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 149, 173)  
}
```

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, 149, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 149, 173) }
```

Border

The CSS property to change the border of an element to Yxy 33.3963, 0.3143, 0.2955 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, 149, 173) }
```

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

```
.border{ border-color:rgb(173, 149, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 149, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 149, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 149, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 149,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3963, 0.3143, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 149, 173) }
```

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

```
.background{ background-color: rgb(173,  
149, 173) }
```

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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