

Converting Colors

$Y_{xy}(31.2458, 0.3225, 0.2978)$

Have a look what the booklet for
Yxy(31.2458, 0.3225, 0.2978)
contains.

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Color

Yxy(31.2458, 0.3225, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	AD8FA5
RGB	173, 143, 165
RGB Percent	68%, 56%, 65%
CMY	0.3218, 0.4391, 0.3530
CMYK	0.00, 0.17, 0.05, 0.32
HSL	316°, 15%, 62%
HSV	316°, 17%, 68%
XYZ	33.8374, 31.2458, 39.8389
YIQ	154.4780, 10.8180, 13.2020

Conversions

Conversions Part 2

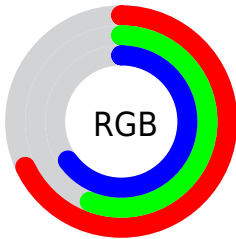
Format	Color
R_{YB}	173, 143, 165
Decimal	11374501
CIE _{Lab}	62.71, 15.08, -7.33
CIE _{LCh}	63, 16.770, 334.073
Yxy	31.2458, 0.3225, 0.2978
Android (android.graphics.Color)	4289564581 (0xFFAD8FA5)
YUV	154.4780, 5.1873, 16.2438
Hunter-Lab	55.8979, 10.2322, -3.1279

Details

The Yxy color **31.2458, 0.3225, 0.2978** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.9417, 0.3042, 0.3624**, and the grayscale version is **32.5076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7578, 0.3209, 0.3040**, and **13.0140, 0.3252, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **26.2831, 0.3294, 0.2791**, and if you desaturate by 10%, it is **37.0179, 0.3165, 0.3161**.

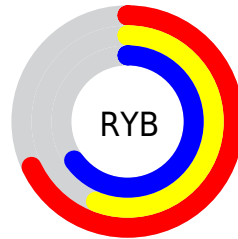
Distribution



Red (68%)

Green (56%)

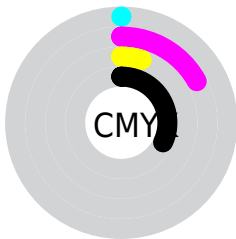
Blue (65%)



Red (68%)

Yellow (56%)

Blue (65%)

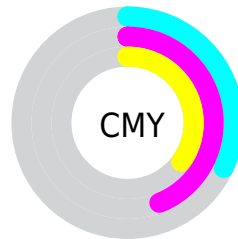


Cyan (0%)

Magenta (17%)

Yellow (5%)

Black (32%)



Cyan (32%)


Magenta (44%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2458, 0.3225, 0.2978 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 31.2458, 0.3225, 0.2978 by changing the saturation by 10% instead.

 31.2458, 0.3225,
0.2978


 31.2458, 0.3225,
0.2978


 307.6691, 0.3175,
0.3141


 20.7861, 0.3238,
0.2935


 61.6269, 0.3206,
0.3039


 12.9677, 0.3255,
0.2879


 82.3170, 0.3199,
0.3061


 7.4063, 0.3278,
0.2801


 107.1860, 0.3194,
0.3080

 3.7175, 0.3312,
0.2688

 136.6184, 0.3189,
0.3096

 1.5168, 0.3364,
0.2506

 170.9985, 0.3184,
0.3109

 0.3005, 0.3644,
0.1675

 210.7108, 0.3181,

 0.0000, 0.0000,

0.3121

0.0000

256.1395, 0.3178,
0.3131

■ 31.2458, 0.3225,
0.2978

■ 31.2458, 0.3225,
0.2978

■ 26.2831, 0.3294,
0.2791

■ 37.0179, 0.3165,
0.3161

■ 22.0889, 0.3374,
0.2604

■ 43.6294, 0.3114,
0.3336

■ 18.6253, 0.3462,
0.2427

■ 51.1140, 0.3071,
0.3501

■ 15.8492, 0.3560,
0.2267

■ 59.5024, 0.3035,
0.3655

■ 13.7131, 0.3664,
0.2134

■ 68.8234, 0.3004,
0.3797

■ 12.1636, 0.3772,
0.2040

■ 79.1051, 0.2979,
0.3927

■ 11.1382, 0.3881,
0.1989

■ 84.4375, 0.2956,
0.3956

■ 10.5430, 0.3987,
0.1984

■ 84.6518, 0.2932,
0.3901

■ 10.4090, 0.4015,
0.1986

■ 84.8727, 0.2908,
0.3846

Harmonies

Analogous

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



31.2458, 0.2956, 0.2865



31.2458, 0.3225, 0.2978



31.2458, 0.3477, 0.3166

Triad

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



31.2458, 0.3225, 0.2978



31.2458, 0.3517, 0.3739



31.2458, 0.2645, 0.3155

Complementary

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



31.2458, 0.3225, 0.2978



37.9417, 0.3042, 0.3624

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.



31.2458, 0.2783, 0.3408



31.2458, 0.3225, 0.2978



31.2458, 0.3283, 0.3758

Square

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



31.2458, 0.3225, 0.2978



31.2458, 0.3648, 0.3600



31.2458, 0.3014, 0.3635



31.2458, 0.2631, 0.2955

Rectangle

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



31.2458, 0.3225, 0.2978



31.2458, 0.3596, 0.3314



31.2458, 0.3014, 0.3635



31.2458, 0.2679, 0.3237

Sweetspot

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



31.2472, 0.3225, 0.2978



68.8331, 0.3153, 0.3201



29.2003, 0.2922, 0.2841



14.7914, 0.3157, 0.3189



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.



31.2472, 0.3225, 0.2978



52.2115, 0.3252, 0.2902



30.7493, 0.3373, 0.3182



8.1112, 0.3176, 0.3125



7.6622, 0.4005, 0.1980



0.2216, 0.3716, 0.1821

Inverse Universe

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



31.2472, 0.3225, 0.2978



52.2115, 0.3252, 0.2902



38.4414, 0.2928, 0.3401



8.1112, 0.3176, 0.3125



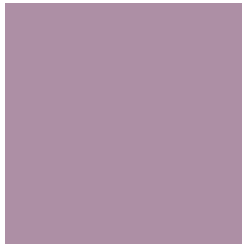
7.6622, 0.4005, 0.1980



0.2216, 0.3716, 0.1821

Previews

White Background



This preview shows how the Yxy color 31.2458, 0.3225, 0.2978 looks on a white background.

Color Contrast Check

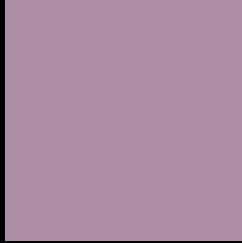
Large Text (above 18pt) WCAG AA × Fail

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 31.2458, 0.3225, 0.2978 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 31.2458, 0.3225, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 31.2458, 0.3225, 0.2978.



This preview shows how white text looks on a background with the Yxy color 31.2458, 0.3225, 0.2978.

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

31.2458, 0.3225, 0.2978

Protanopia

31.4251, 0.2936, 0.3004

Deuteranopia

31.4372, 0.3108, 0.3054



Tritanopia

31.4218, 0.3303, 0.3132

Trichromacy



Original Color

31.2458, 0.3225, 0.2978

Protanomaly

31.2761, 0.3041, 0.2995

Deuteranomaly

31.2374, 0.3150, 0.3028

Tritanomaly

31.2204, 0.3274, 0.3075

Monochromacy



Original Color

31.2458, 0.3225, 0.2978

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.8584, 0.3163, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2458, 0.3225, 0.2978 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, 143, 165)` looks like.

```
.text, #text, p{  
    color:rgb(173, 143, 165)  
}
```

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, 143, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 143, 165) }
```

Border

The CSS property to change the border of an element to Yxy 31.2458, 0.3225, 0.2978 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, 143, 165) }
```

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

```
.border{ border-color:rgb(173, 143, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 143, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 143, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 143, 165);  
box-shadow:4px 4px 4px 4px rgb(173, 143,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2458, 0.3225, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 143, 165) }
```

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

```
.background{ background-color: rgb(173,  
143, 165) }
```

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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