

Converting Colors

$Y_{xy}(29.0640, 0.3206, 0.2926)$

Have a look what the booklet for
Yxy(29.0640, 0.3206, 0.2926)
contains.

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Color

Yxy(29.1461, 0.3198, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	A88AA3
RGB	168, 138, 163
RGB Percent	66%, 54%, 64%
CMY	0.3412, 0.4588, 0.3609
CMYK	0.00, 0.18, 0.03, 0.34
HSL	310°, 15%, 60%
HSV	310°, 18%, 66%
XYZ	31.8446, 29.1461, 38.5860
YIQ	149.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

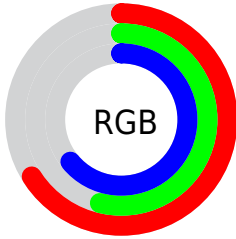
Format	Color
RYB	168, 138, 163
Decimal	11045539
CIELab	60.91, 15.76, -8.93
CIELCh	61, 18.114, 330.472
Yxy	29.1461, 0.3198, 0.2927
Android (android.graphics.Color)	4289235619 (0xFFA88AA3)
YUV	149.8200, 6.4977, 15.9439
Hunter-Lab	53.9871, 10.8118, -4.5851

Details

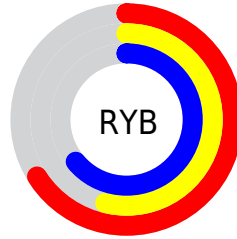
The Yxy color **29.1461, 0.3198, 0.2927** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.3906, 0.3064, 0.3682**, and the grayscale version is **30.3878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4492, 0.3181, 0.3002**, and **11.8401, 0.3228, 0.2818** is the 20% darker color. If you saturate the color by 10%, you get **24.5939, 0.3245, 0.2718**, and if you desaturate by 10%, it is **34.4487, 0.3156, 0.3133**.

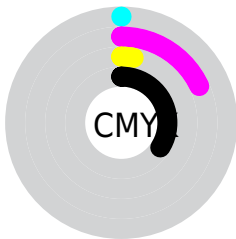
Distribution



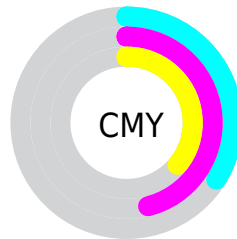
- Red (66%)
- Green (54%)
- Blue (64%)



- Red (66%)
- Yellow (54%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (3%)
- Black (34%)




- Cyan (34%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1461, 0.3198, 0.2927 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 29.1461, 0.3198, 0.2927 by changing the saturation by 10% instead.


 29.1461, 0.3198,
0.2927


 29.1461, 0.3198,
0.2927


297.9037, 0.3162,
0.3118


 19.1914, 0.3207,
0.2876


 58.3091, 0.3185,
0.2998

 11.8086, 0.3219,
0.2809

 78.2862, 0.3180,
0.3025

 6.6135, 0.3234,
0.2717

 102.3729, 0.3176,
0.3046

 3.2216, 0.3255,
0.2580

130.9535, 0.3172,
0.3065

 1.2485, 0.3286,
0.2359

164.4125, 0.3169,
0.3081

 0.1008, 0.3654,
0.0766

203.1343, 0.3167,

 0.0000, 0.0000,

0.3095

0.0000

247.5032, 0.3164,
0.3107

■ 29.1461, 0.3198,
0.2927

■ 29.1461, 0.3198,
0.2927

■ 24.5939, 0.3245,
0.2718

■ 34.4487, 0.3156,
0.3133

■ 20.7542, 0.3298,
0.2512

■ 40.5298, 0.3120,
0.3332

■ 17.5912, 0.3356,
0.2317

■ 47.4209, 0.3088,
0.3520

■ 15.0650, 0.3417,
0.2142

■ 55.1504, 0.3062,
0.3696

■ 13.1311, 0.3481,
0.1997

■ 63.7455, 0.3039,
0.3858

■ 11.7393, 0.3545,
0.1890

■ 73.2321, 0.3020,
0.4008

■ 10.8314, 0.3607,
0.1827

■ 83.2484, 0.3003,
0.4138

■ 10.3104, 0.3667,
0.1804

■ 83.3663, 0.2989,
0.4104

■ 10.2140, 0.3680,
0.1801

■ 83.4866, 0.2974,
0.4070

Harmonies

Analogous

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



29.1461, 0.2904, 0.2815



29.1461, 0.3198, 0.2927



29.1461, 0.3484, 0.3125

Triad

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



29.1461, 0.3198, 0.2927



29.1461, 0.3582, 0.3774



29.1461, 0.2608, 0.3171

Complementary

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



29.1461, 0.3198, 0.2927



35.3906, 0.3064, 0.3682

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.



29.1461, 0.2773, 0.3454



29.1461, 0.3198, 0.2927



29.1461, 0.3333, 0.3815

Square

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



29.1461, 0.3198, 0.2927



29.1461, 0.3710, 0.3605



29.1461, 0.3036, 0.3697



29.1461, 0.2575, 0.2940

Rectangle

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



29.1461, 0.3198, 0.2927



29.1461, 0.3627, 0.3285



29.1461, 0.3036, 0.3697



29.1461, 0.2649, 0.3263

Sweetspot

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



29.1474, 0.3198, 0.2927



65.4159, 0.3146, 0.3189



26.8471, 0.2890, 0.2823



14.1017, 0.3148, 0.3175



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.



29.1474, 0.3198, 0.2927



49.8216, 0.3214, 0.2853



28.6421, 0.3355, 0.3142



7.6447, 0.3162, 0.3104



7.7205, 0.3674, 0.1798



0.1934, 0.3498, 0.1700

Inverse Universe

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



29.1474, 0.3198, 0.2927



49.8216, 0.3214, 0.2853



35.8752, 0.2942, 0.3443



7.6447, 0.3162, 0.3104



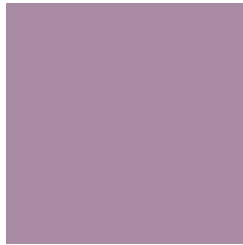
7.7205, 0.3674, 0.1798



0.1934, 0.3498, 0.1700

Previews

White Background



This preview shows how the Yxy color 29.1461, 0.3198, 0.2927 looks on a white background.

Color Contrast Check

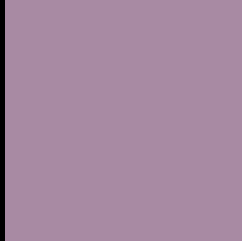
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1461, 0.3198, 0.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

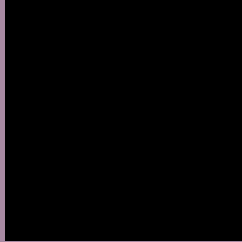
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1461, 0.3198, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 29.1461, 0.3198, 0.2927.



This preview shows how white text looks on a background with the Yxy color 29.1461, 0.3198, 0.2927.

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

29.1461, 0.3198, 0.2927

Protanopia

29.2246, 0.2894, 0.2950

Deuteranopia

29.2221, 0.3068, 0.3002



Tritanopia

29.0975, 0.3298, 0.3127

Trichromacy



Original Color

29.1461, 0.3198, 0.2927

Protanomaly

29.0735, 0.3000, 0.2941

Deuteranomaly

29.1320, 0.3121, 0.2977

Tritanomaly

29.0473, 0.3268, 0.3054

Monochromacy



Original Color

29.1461, 0.3198, 0.2927

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.0924, 0.3154, 0.3154

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1461, 0.3198, 0.2927 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, 138, 163)` looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 163)  
}
```

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, 138, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 163) }
```

Border

The CSS property to change the border of an element to Yxy 29.1461, 0.3198, 0.2927 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, 138, 163) }
```

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

```
.border{ border-color:rgb(168, 138, 163) }
```

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

Here you see how a box with a 4 pixel rgb(168, 138, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 138, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 138, 163);  
box-shadow:4px 4px 4px 4px rgb(168, 138,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1461, 0.3198, 0.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 163) }
```

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

```
.background{ background-color: rgb(168,  
138, 163) }
```

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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