

Converting Colors

$Y_{xy}(29.1899, 0.3040, 0.2820)$

Have a look what the booklet for
Yxy(29.1899, 0.3040, 0.2820)
contains.

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Color

Yxy(29.3118, 0.3035, 0.2822)

Conversions

Conversions Part 1

Format	Color
Hex	A18CAC
RGB	161, 140, 172
RGB Percent	63%, 55%, 67%
CMY	0.3686, 0.4510, 0.3254
CMYK	0.06, 0.19, 0.00, 0.33
HSL	279°, 16%, 61%
HSV	279°, 19%, 67%
XYZ	31.5242, 29.3118, 43.0329
YIQ	149.9270, 2.2440, 14.4040

Conversions

Conversions Part 2

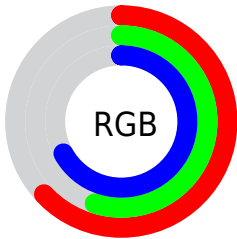
Format	Color
RYB	161, 140, 172
Decimal	10587308
CIELab	61.06, 13.97, -13.92
CIELCh	61, 19.716, 315.100
Yxy	29.3118, 0.3035, 0.2822
Android (android.graphics.Color)	4288777388 (0xFFA18CAC)
YUV	149.9270, 10.8820, 9.7110
Hunter-Lab	54.1404, 9.1892, -9.2277

Details

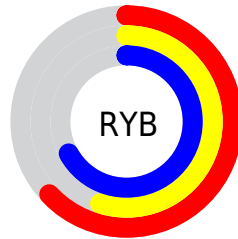
The Yxy color **29.3118, 0.3035, 0.2822** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.9842, 0.3204, 0.3773**, and the grayscale version is **30.4201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7286, 0.3059, 0.2922**, and **11.9196, 0.2991, 0.2670** is the 20% darker color. If you saturate the color by 10%, you get **24.0728, 0.2973, 0.2552**, and if you desaturate by 10%, it is **35.3682, 0.3088, 0.3080**.

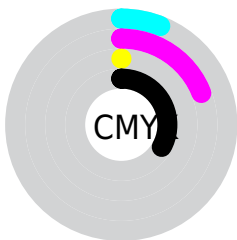
Distribution



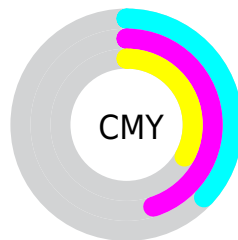
- Red (63%)
- Green (55%)
- Blue (67%)



- Red (63%)
- Yellow (55%)
- Blue (67%)



- Cyan (6%)
- Magenta (19%)
- Yellow (0%)
- Black (33%)





- Cyan (37%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3118, 0.3035, 0.2822 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 29.3118, 0.3035, 0.2822 by changing the saturation by 10% instead.


 29.3118, 0.3035,
0.2822

 29.3118, 0.3035,
0.2822


298.6833, 0.3087,
0.3066

 19.3168, 0.3020,
0.2758


 58.5721, 0.3056,
0.2913

 11.8994, 0.2998,
0.2673


 78.6062, 0.3063,
0.2947

 6.6752, 0.2967,
0.2557


 102.7555, 0.3069,
0.2975

 3.2598, 0.2918,
0.2387

131.4044, 0.3074,
0.2999

 1.2688, 0.2829,
0.2120

164.9372, 0.3078,
0.3019

 0.1169, 0.2698,
0.0698

203.7383, 0.3082,

 0.0000, 0.0000,

0.3037

0.0000

248.1922, 0.3085,
0.3052

■ 29.3118, 0.3035,
0.2822

■ 29.3118, 0.3035,
0.2822

■ 24.0728, 0.2973,
0.2552

■ 35.3682, 0.3088,
0.3080

■ 19.6105, 0.2902,
0.2278

■ 42.2728, 0.3133,
0.3323

■ 15.8867, 0.2823,
0.2007

■ 50.0590, 0.3170,
0.3547

■ 12.8581, 0.2736,
0.1752

■ 58.7577, 0.3201,
0.3752

■ 10.4766, 0.2646,
0.1523

■ 68.3979, 0.3225,
0.3937

■ 8.6883, 0.2553,
0.1333

■ 79.0077, 0.3245,
0.4105

■ 7.4298, 0.2462,
0.1189

■ 87.1130, 0.3268,
0.4207

■ 6.5874, 0.2375,
0.1089

■ 87.9562, 0.3306,
0.4196

■ 6.4810, 0.2363,
0.1076

■ 88.8314, 0.3345,
0.4185

Harmonies

Analogous

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



29.3118, 0.2748, 0.2761



29.3118, 0.3035, 0.2822



29.3118, 0.3362, 0.2992

Triad

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



29.3118, 0.3035, 0.2822



29.3118, 0.3713, 0.3733



29.3118, 0.2640, 0.3315

Complementary

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



29.3118, 0.3035, 0.2822



37.9842, 0.3204, 0.3773

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.



29.3118, 0.2879, 0.3617



29.3118, 0.3035, 0.2822



29.3118, 0.3500, 0.3858

Square

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



29.3118, 0.3035, 0.2822



29.3118, 0.3765, 0.3502



29.3118, 0.3193, 0.3821



29.3118, 0.2529, 0.3025

Rectangle

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



29.3118, 0.3035, 0.2822



29.3118, 0.3556, 0.3149



29.3118, 0.3193, 0.3821



29.3118, 0.2707, 0.3420

Sweetspot

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



29.3130, 0.3035, 0.2822



67.1401, 0.3100, 0.3143



30.7539, 0.2836, 0.2970



14.4277, 0.3097, 0.3127



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.



29.3130, 0.3035, 0.2822



49.4026, 0.3013, 0.2721



30.3264, 0.3196, 0.2903



8.0081, 0.3085, 0.3063



4.8533, 0.2372, 0.1080



0.1637, 0.2634, 0.1225

Inverse Universe

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



29.7632, 0.3363, 0.3130



50.3898, 0.3423, 0.3096



37.1243, 0.3065, 0.3711



8.0591, 0.3234, 0.3212



6.7723, 0.5561, 0.2837



0.1989, 0.4716, 0.2372

Previews

White Background



This preview shows how the Yxy color 29.3118, 0.3035, 0.2822 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 29.3118, 0.3035, 0.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

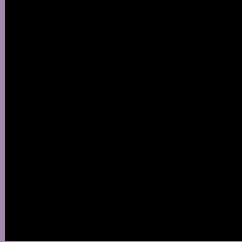
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3118, 0.3035, 0.2822

Background



This preview shows how black text looks on a background with the Yxy color 29.3118, 0.3035, 0.2822.



This preview shows how white text looks on a background with the Yxy color 29.3118, 0.3035, 0.2822.

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

29.3118, 0.3035, 0.2822

Protanopia

29.3551, 0.2807, 0.2832

Deuteranopia

29.3708, 0.2935, 0.2882



Tritanopia

29.2471, 0.3177, 0.3123

Trichromacy



Original Color

29.3118, 0.3035, 0.2822

Protanomaly

29.3376, 0.2880, 0.2824

Deuteranomaly

29.4552, 0.2974, 0.2872

Tritanomaly

29.2901, 0.3120, 0.3005

Monochromacy



Original Color

29.3118, 0.3035, 0.2822

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.8964, 0.3095, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3118, 0.3035, 0.2822 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(161, 140, 172)` looks like.

```
.text, #text, p{  
    color:rgb(161, 140, 172)  
}
```

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(161, 140, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 140, 172) }
```

Border

The CSS property to change the border of an element to Yxy 29.3118, 0.3035, 0.2822 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(161, 140, 172) }
```

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

```
.border{ border-color:rgb(161, 140, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 140, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 140, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 140, 172);  
box-shadow:4px 4px 4px 4px rgb(161, 140,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3118, 0.3035, 0.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 140, 172) }
```

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

```
.background{ background-color: rgb(161,  
140, 172) }
```

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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