

Converting Colors

$Y_{xy}(28.9759, 0.3514, 0.2877)$

Have a look what the booklet for
Yxy(28.9759, 0.3514, 0.2877)
contains.

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Color

Yxy(29.0179, 0.3511, 0.2873)

Conversions

Conversions Part 1

Format	Color
Hex	BF809F
RGB	191, 128, 159
RGB Percent	75%, 50%, 62%
CMY	0.2510, 0.4980, 0.3766
CMYK	0.00, 0.33, 0.17, 0.25
HSL	331°, 33%, 63%
HSV	331°, 33%, 75%
XYZ	35.4618, 29.0179, 36.5224
YIQ	150.3710, 27.5970, 22.9970

Conversions

Conversions Part 2

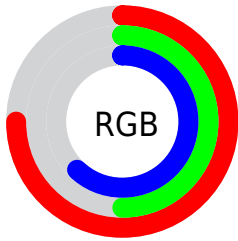
Format	Color
R_{YB}	191, 128, 159
Decimal	12550303
CIE Lab	60.80, 28.93, -6.55
CIE LCh	61, 29.661, 347.237
Yxy	29.0179, 0.3511, 0.2873
Android (android.graphics.Color)	4290740383 (0xFFBF809F)
YUV	150.3710, 4.2541, 35.6316
Hunter-Lab	53.8683, 23.2383, -2.4905

Details

The Yxy color **29.0179, 0.3511, 0.2873** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.3917, 0.2863, 0.3752**, and the grayscale version is **30.6383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2674, 0.3428, 0.2956**, and **11.7657, 0.3625, 0.2737** is the 20% darker color. If you saturate the color by 10%, you get **24.1725, 0.3678, 0.2745**, and if you desaturate by 10%, it is **34.8303, 0.3370, 0.3004**.

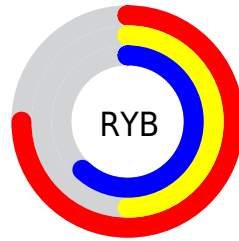
Distribution



Red (75%)

Green (50%)

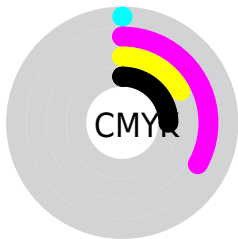
Blue (62%)



Red (75%)

Yellow (50%)

Blue (62%)

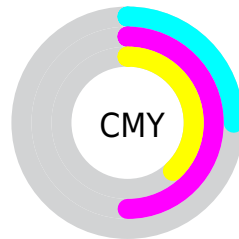


Cyan (0%)

Magenta (33%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.0179, 0.3511, 0.2873 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 29.0179, 0.3511, 0.2873 by changing the saturation by 10% instead.


 29.0179, 0.3511,
0.2873


 29.0179, 0.3511,
0.2873


297.2994, 0.3307,
0.3091

 19.0944, 0.3566,
0.2815


 58.1055, 0.3434,
0.2955

 11.7385, 0.3639,
0.2739


 78.0384, 0.3406,
0.2985

 6.5659, 0.3742,
0.2634


 102.0765, 0.3383,
0.3010

 3.1921, 0.3895,
0.2479

130.6043, 0.3363,
0.3031

 1.2328, 0.4149,
0.2232

164.0060, 0.3346,
0.3049

 0.0883, 0.5515,
0.0616

202.6662, 0.3331,

 0.0000, 0.0000,

0.3065

0.0000

246.9692, 0.3319,
0.3079

■ 29.0179, 0.3511,
0.2873

■ 29.0179, 0.3511,
0.2873

■ 24.1725, 0.3678,
0.2745

■ 34.8303, 0.3370,
0.3004

■ 20.2368, 0.3872,
0.2627

■ 41.6549, 0.3251,
0.3132

■ 17.1535, 0.4091,
0.2530


■ 49.5389, 0.3153,
0.3255

■ 14.8571, 0.4331,
0.2466


■ 58.5254, 0.3072,
0.3370


■ 13.2723, 0.4581,
0.2446


■ 68.6548, 0.3005,
0.3476


 12.3091, 0.4830,
0.2480

 79.9658, 0.2949,
0.3575

 11.8831, 0.5000,
0.2528

 88.1399, 0.2901,
0.3595

 88.6911, 0.2850,
0.3487

 89.2731, 0.2800,
0.3381

Harmonies

Analogous

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



29.0179, 0.3016, 0.2621



29.0179, 0.3511, 0.2873



29.0179, 0.3920, 0.3224

Triad

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



29.0179, 0.3511, 0.2873



29.0179, 0.3645, 0.4157



29.0179, 0.2245, 0.2852

Complementary

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



29.0179, 0.3511, 0.2873



44.3917, 0.2863, 0.3752

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.



29.0179, 0.2385, 0.3282



29.0179, 0.3511, 0.2873



29.0179, 0.3178, 0.4101

Square

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



29.0179, 0.3511, 0.2873



29.0179, 0.3988, 0.3956



29.0179, 0.2718, 0.3763



29.0179, 0.2316, 0.2587

Rectangle

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



29.0179, 0.3511, 0.2873



29.0179, 0.4069, 0.3482



29.0179, 0.2718, 0.3763



29.0179, 0.2269, 0.2980

Sweetspot

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



29.0192, 0.3511, 0.2873



78.3929, 0.3222, 0.3168



26.6244, 0.2842, 0.2400



16.7907, 0.3236, 0.3150



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.0192, 0.3511, 0.2873



45.1801, 0.3636, 0.2774



28.0755, 0.3882, 0.3292



9.6125, 0.3213, 0.3178



7.8254, 0.4969, 0.2511



0.3197, 0.4439, 0.2219

Inverse Universe

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



29.0192, 0.3511, 0.2873



45.1801, 0.3636, 0.2774



45.6142, 0.2663, 0.3289



9.6125, 0.3213, 0.3178



7.8254, 0.4969, 0.2511



0.3197, 0.4439, 0.2219

Previews

White Background



This preview shows how the Yxy color 29.0179, 0.3511, 0.2873 looks on a white background.

Color Contrast Check

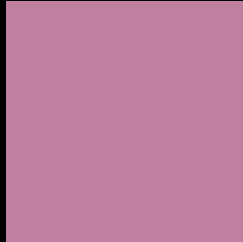
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0179, 0.3511, 0.2873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

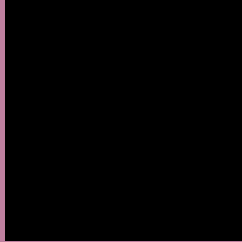
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0179, 0.3511, 0.2873

Background



This preview shows how black text looks on a background with the Yxy color 29.0179, 0.3511, 0.2873.



This preview shows how white text looks on a background with the Yxy color 29.0179, 0.3511, 0.2873.

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

29.0179, 0.3511, 0.2873

Protanopia

29.2997, 0.2877, 0.2920

Deuteranopia

29.2133, 0.3147, 0.3092



Tritanopia

28.9745, 0.3690, 0.3153

Trichromacy



Original Color

29.0179, 0.3511, 0.2873

Protanomaly

28.6920, 0.3083, 0.2889

Deuteranomaly

29.0463, 0.3271, 0.3012

Tritanomaly

29.0505, 0.3622, 0.3045

Monochromacy



Original Color

29.0179, 0.3511, 0.2873

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.6452, 0.3263, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0179, 0.3511, 0.2873 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(191, 128, 159)` looks like.

```
.text, #text, p{  
    color:rgb(191, 128, 159)  
}
```

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(191, 128, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 128, 159) }
```

Border

The CSS property to change the border of an element to Yxy 29.0179, 0.3511, 0.2873 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(191, 128, 159) }
```

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

```
.border{ border-color:rgb(191, 128, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 128, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 128, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 128, 159);  
box-shadow:4px 4px 4px 4px rgb(191, 128,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0179, 0.3511, 0.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 128, 159) }
```

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

```
.background{ background-color: rgb(191,  
128, 159) }
```

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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