

Converting Colors

$Y_{xy}(28.0177, 0.3195, 0.2657)$

Have a look what the booklet for
Yxy(28.0177, 0.3195, 0.2657)
contains.

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Color

Yxy(27.9593, 0.3201, 0.2654)

Conversions

Conversions Part 1

Format	Color
Hex	B280AE
RGB	178, 128, 174
RGB Percent	70%, 50%, 68%
CMY	0.3019, 0.4980, 0.3176
CMYK	0.00, 0.28, 0.02, 0.30
HSL	305°, 25%, 60%
HSV	305°, 28%, 70%
XYZ	33.7218, 27.9593, 43.6667
YIQ	148.1940, 15.0340, 24.9060

Conversions

Conversions Part 2

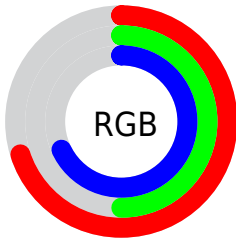
Format	Color
R _Y B	178, 128, 174
Decimal	11698350
CIE Lab	59.85, 27.02, -16.71
CIE LCh	60, 31.767, 328.264
Yxy	27.9593, 0.3201, 0.2654
Android (android.graphics.Color)	4289888430 (0xFFB280AE)
YUV	148.1940, 12.7224, 26.1399
Hunter-Lab	52.8766, 21.3037, -11.9494

Details

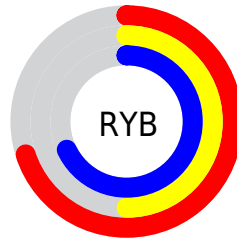
The Yxy color $27.9593, 0.3201, 0.2654$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $38.1013, 0.3060, 0.4021$, and the grayscale version is $29.6416, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.2533, 0.3184, 0.2767$, and $11.2139, 0.3215, 0.2453$ is the 20% darker color. If you saturate the color by 10%, you get $23.6617, 0.3232, 0.2430$, and if you desaturate by 10%, it is $33.0746, 0.3172, 0.2883$.

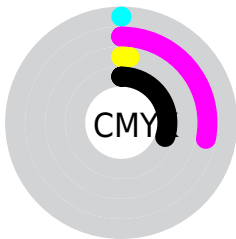
Distribution



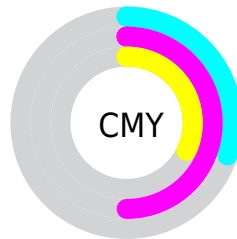
- Red (70%)
- Green (50%)
- Blue (68%)



- Red (70%)
- Yellow (50%)
- Blue (68%)



- Cyan (0%)
- Magenta (28%)
- Yellow (2%)
- Black (30%)





- Cyan (30%)
- Magenta (50%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9593, 0.3201, 0.2654 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 27.9593, 0.3201, 0.2654 by changing the saturation by 10% instead.


 27.9593, 0.3201,
0.2654


 27.9593, 0.3201,
0.2654


292.2724, 0.3168,
0.2982


 18.2950, 0.3208,
0.2569


 56.4195, 0.3190,
0.2775

 11.1620, 0.3215,
0.2459


 75.9841, 0.3186,
0.2820

 6.1759, 0.3223,
0.2309


 99.6176, 0.3182,
0.2858

 2.9523, 0.3229,
0.2095

127.7044, 0.3178,
0.2890

 1.1069, 0.3225,
0.1769

160.6289, 0.3175,
0.2918

 0.0000, 0.3565,
0.0000

198.7755, 0.3173,

 0.0000, 0.0000,

0.2942

0.0000

242.5285, 0.3170,
0.2963

■ 27.9593, 0.3201,
0.2654

■ 27.9593, 0.3201,
0.2654

■ 23.6617, 0.3232,
0.2430

■ 33.0746, 0.3172,
0.2883

■ 20.1356, 0.3264,
0.2221

■ 39.0433, 0.3146,
0.3111

■ 17.3358, 0.3297,
0.2035

■ 45.9037, 0.3123,
0.3331

■ 15.2107, 0.3329,
0.1882

■ 53.6904, 0.3102,
0.3541

■ 13.7024, 0.3360,
0.1767

■ 62.4364, 0.3084,
0.3737

■ 12.7429, 0.3389,
0.1696

■ 72.1728, 0.3068,
0.3918

■ 12.2213, 0.3416,
0.1663

■ 82.9296, 0.3055,
0.4085

■ 12.1380, 0.3421,
0.1658

■ 84.5070, 0.3046,
0.4091

■ 84.5677, 0.3039,
0.4074

Harmonies

Analogous

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



27.9593, 0.2695, 0.2478



27.9593, 0.3201, 0.2654



27.9593, 0.3726, 0.2969

Triad

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



27.9593, 0.3201, 0.2654



27.9593, 0.3943, 0.4113



27.9593, 0.2246, 0.3090

Complementary

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



27.9593, 0.3201, 0.2654



38.1013, 0.3060, 0.4021

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.



27.9593, 0.2531, 0.3617



27.9593, 0.3201, 0.2654



27.9593, 0.3506, 0.4248

Square

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



27.9593, 0.3201, 0.2654



27.9593, 0.4169, 0.3777



27.9593, 0.2987, 0.4071



27.9593, 0.2180, 0.2685

Rectangle

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



27.9593, 0.3201, 0.2654



27.9593, 0.3999, 0.3229



27.9593, 0.2987, 0.4071



27.9593, 0.2317, 0.3260

Sweetspot

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



27.9605, 0.3201, 0.2654



70.7424, 0.3146, 0.3110



23.5044, 0.2677, 0.2500



15.2917, 0.3150, 0.3076



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



27.9605, 0.3201, 0.2654



45.4729, 0.3221, 0.2508



27.0957, 0.3471, 0.2980



8.6347, 0.3149, 0.3083



8.6877, 0.3418, 0.1657



0.2768, 0.3354, 0.1621

Inverse Universe

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



27.9605, 0.3201, 0.2654



45.4729, 0.3221, 0.2508



38.8471, 0.2879, 0.3625



8.6347, 0.3149, 0.3083



8.6877, 0.3418, 0.1657



0.2768, 0.3354, 0.1621

Previews

White Background



This preview shows how the Yxy color 27.9593, 0.3201, 0.2654 looks on a white background.

Color Contrast Check

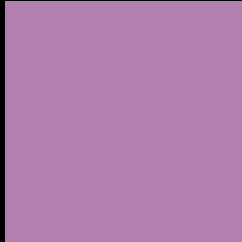
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9593, 0.3201, 0.2654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

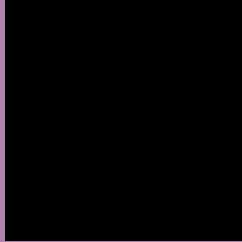
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9593, 0.3201, 0.2654

Background



This preview shows how black text looks on a background with the Yxy color 27.9593, 0.3201, 0.2654.



This preview shows how white text looks on a background with the Yxy color 27.9593, 0.3201, 0.2654.

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

27.9593, 0.3201, 0.2654

Protanopia

28.1739, 0.2676, 0.2664

Deuteranopia

28.0481, 0.2875, 0.2815



Tritanopia

28.0625, 0.3475, 0.3144

Trichromacy



Original Color

27.9593, 0.3201, 0.2654

Protanomaly

27.9563, 0.2852, 0.2666

Deuteranomaly

27.7935, 0.2985, 0.2742

Tritanomaly

27.9830, 0.3368, 0.2959

Monochromacy



Original Color

27.9593, 0.3201, 0.2654

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.8550, 0.3160, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9593, 0.3201, 0.2654 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(178, 128, 174)` looks like.

```
.text, #text, p{  
    color:rgb(178, 128, 174)  
}
```

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(178, 128, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 128, 174) }
```

Border

The CSS property to change the border of an element to Yxy 27.9593, 0.3201, 0.2654 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(178, 128, 174) }
```

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

```
.border{ border-color:rgb(178, 128, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 128, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 128, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 128, 174);  
box-shadow:4px 4px 4px 4px rgb(178, 128,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9593, 0.3201, 0.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 128, 174) }
```

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

```
.background{ background-color: rgb(178,  
128, 174) }
```

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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