

Converting Colors

$Y_{xy}(28.1183, 0.3361, 0.3030)$

Have a look what the booklet for
Yxy(28.1183, 0.3361, 0.3030)
contains.

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Color

Yxy(28.0878, 0.3364, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	AC8698
RGB	172, 134, 152
RGB Percent	67%, 53%, 60%
CMY	0.3253, 0.4746, 0.4039
CMYK	0.00, 0.22, 0.12, 0.33
HSL	332°, 19%, 60%
HSV	332°, 22%, 67%
XYZ	31.2149, 28.0878, 33.4882
YIQ	147.4140, 16.8700, 13.6540

Conversions

Conversions Part 2

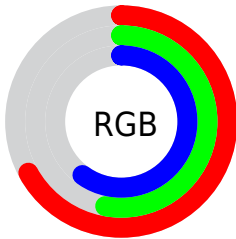
Format	Color
RYB	172, 134, 152
Decimal	11306648
CIELab	59.97, 17.52, -4.02
CIELCh	60, 17.975, 347.067
Yxy	28.0878, 0.3364, 0.3027
Android (android.graphics.Color)	4289496728 (0xFFAC8698)
YUV	147.4140, 2.2609, 21.5619
Hunter-Lab	52.9979, 12.3870, -0.3655

Details

The Yxy color **28.0878, 0.3364, 0.3027** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.9247, 0.2941, 0.3569**, and the grayscale version is **29.3453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4909, 0.3319, 0.3079**, and **11.2022, 0.3444, 0.2939** is the 20% darker color. If you saturate the color by 10%, you get **23.4290, 0.3507, 0.2902**, and if you desaturate by 10%, it is **33.5455, 0.3245, 0.3150**.

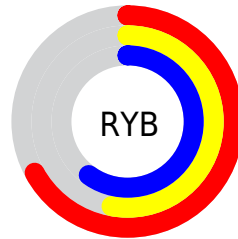
Distribution



Red (67%)

Green (53%)

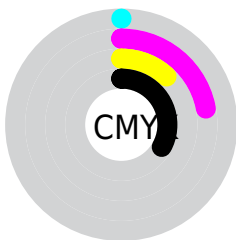
Blue (60%)



Red (67%)

Yellow (53%)

Blue (60%)

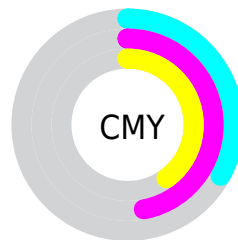


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0878, 0.3364, 0.3027 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 28.0878, 0.3364, 0.3027 by changing the saturation by 10% instead.


 28.0878, 0.3364,
0.3027


 28.0878, 0.3364,
0.3027


292.8862, 0.3237,
0.3167


 18.3919, 0.3399,
0.2989


 56.6246, 0.3316,
0.3080

 11.2317, 0.3446,
0.2938


 76.2342, 0.3298,
0.3099

 6.2229, 0.3513,
0.2866


 99.9172, 0.3284,
0.3115

 2.9811, 0.3615,
0.2758

128.0579, 0.3271,
0.3129

 1.1219, 0.3790,
0.2577

161.0408, 0.3261,
0.3141

 0.0000, 0.6047,
0.0000

199.2502, 0.3252,

 0.0000, 0.0000,

0.3151

0.0000

243.0706, 0.3244,
0.3159

■ 28.0878, 0.3364,
0.3027

■ 28.0878, 0.3364,
0.3027

■ 23.4290, 0.3507,
0.2902

■ 33.5455, 0.3245,
0.3150

■ 19.5274, 0.3676,
0.2778

■ 39.8336, 0.3146,
0.3266

■ 16.3433, 0.3873,
0.2664

■ 46.9866, 0.3064,
0.3375

■ 13.8318, 0.4096,
0.2568

■ 55.0358, 0.2997,
0.3477

■ 11.9428, 0.4342,
0.2503

■ 64.0110, 0.2941,
0.3570

■ 10.6193, 0.4602,
0.2481

■ 73.9406, 0.2894,
0.3655

■ 9.7935, 0.4860,
0.2510

■ 84.8519, 0.2856,
0.3733

■ 9.3780, 0.5059,
0.2561

■ 85.7028, 0.2811,
0.3633

■ 86.2087, 0.2765,
0.3528

Harmonies

Analogous

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



28.0878, 0.3062, 0.2863



28.0878, 0.3364, 0.3027



28.0878, 0.3609, 0.3257

Triad

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



28.0878, 0.3364, 0.3027



28.0878, 0.3456, 0.3818



28.0878, 0.2570, 0.3031

Complementary

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



28.0878, 0.3364, 0.3027



36.9247, 0.2941, 0.3569

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.



28.0878, 0.2665, 0.3296



28.0878, 0.3364, 0.3027



28.0878, 0.3170, 0.3771

Square

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



28.0878, 0.3364, 0.3027



28.0878, 0.3660, 0.3712



28.0878, 0.2881, 0.3575



28.0878, 0.2615, 0.2855

Rectangle

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



28.0878, 0.3364, 0.3027



28.0878, 0.3700, 0.3423



28.0878, 0.2881, 0.3575



28.0878, 0.2586, 0.3112

Sweetspot

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



28.0891, 0.3364, 0.3027



66.3260, 0.3193, 0.3209



26.8615, 0.2959, 0.2719



14.2746, 0.3199, 0.3202



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.



28.0891, 0.3364, 0.3027



46.2235, 0.3437, 0.2960



27.7182, 0.3565, 0.3301



8.0762, 0.3215, 0.3183



6.9852, 0.5035, 0.2548



0.2054, 0.4345, 0.2167

Inverse Universe

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



28.0891, 0.3364, 0.3027



46.2235, 0.3437, 0.2960



37.3305, 0.2804, 0.3279



8.0762, 0.3215, 0.3183



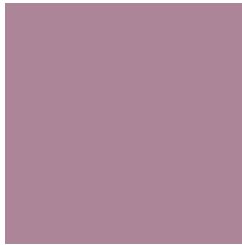
6.9852, 0.5035, 0.2548



0.2054, 0.4345, 0.2167

Previews

White Background



This preview shows how the Yxy color 28.0878, 0.3364, 0.3027 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 28.0878, 0.3364, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

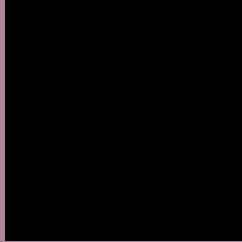
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0878, 0.3364, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 28.0878, 0.3364, 0.3027.



This preview shows how white text looks on a background with the Yxy color 28.0878, 0.3364, 0.3027.

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

28.0878, 0.3364, 0.3027

Protanopia

28.2548, 0.2984, 0.3068

Deuteranopia

28.0585, 0.3189, 0.3121



Tritanopia

28.0612, 0.3416, 0.3128

Trichromacy



Original Color

28.0878, 0.3364, 0.3027

Protanomaly

28.0265, 0.3117, 0.3044

Deuteranomaly

28.0927, 0.3257, 0.3094

Tritanomaly

28.1240, 0.3394, 0.3099

Monochromacy



Original Color

28.0878, 0.3364, 0.3027

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.5838, 0.3207, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0878, 0.3364, 0.3027 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(172, 134, 152)` looks like.

```
.text, #text, p{  
    color:rgb(172, 134, 152)  
}
```

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(172, 134, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 134, 152) }
```

Border

The CSS property to change the border of an element to Yxy 28.0878, 0.3364, 0.3027 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(172, 134, 152) }
```

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

```
.border{ border-color:rgb(172, 134, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 134, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 134, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 134, 152);  
box-shadow:4px 4px 4px 4px rgb(172, 134,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0878, 0.3364, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 134, 152) }
```

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

```
.background{ background-color: rgb(172,  
134, 152) }
```

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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