

Converting Colors

$Y_{xy}(28.4073, 0.3212, 0.2884)$

Have a look what the booklet for
Yxy(28.4073, 0.3212, 0.2884)
contains.

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Color

Yxy(28.4073, 0.3212, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	A987A3
RGB	169, 135, 163
RGB Percent	66%, 53%, 64%
CMY	0.3372, 0.4706, 0.3609
CMYK	0.00, 0.20, 0.04, 0.34
HSL	311°, 17%, 60%
HSV	311°, 20%, 66%
XYZ	31.6381, 28.4073, 38.4543
YIQ	148.3580, 11.2760, 15.9160

Conversions

Conversions Part 2

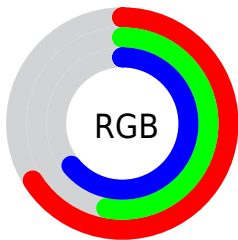
Format	Color
R_{YB}	169, 135, 163
Decimal	11110307
CIE _{Lab}	60.25, 17.83, -9.90
CIE _{LCh}	60, 20.396, 330.974
Yxy	28.4073, 0.3212, 0.2884
Android (android.graphics.Color)	4289300387 (0xFFA987A3)
YUV	148.3580, 7.2185, 18.1030
Hunter-Lab	53.2985, 12.6856, -5.4681

Details

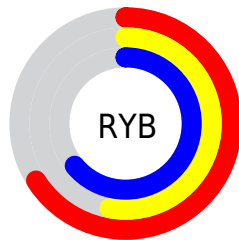
The Yxy color **28.4073, 0.3212, 0.2884** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.4583, 0.3053, 0.3733**, and the grayscale version is **29.7381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8757, 0.3191, 0.2957**, and **11.4266, 0.3248, 0.2759** is the 20% darker color. If you saturate the color by 10%, you get **23.9542, 0.3263, 0.2677**, and if you desaturate by 10%, it is **33.6141, 0.3167, 0.3089**.

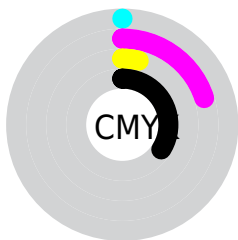
Distribution



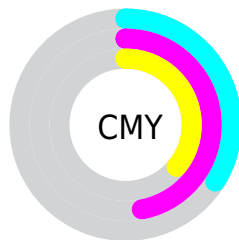
- Red (66%)
- Green (53%)
- Blue (64%)



- Red (66%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (34%)




- Cyan (34%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4073, 0.3212, 0.2884 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 28.4073, 0.3212, 0.2884 by changing the saturation by 10% instead.


 28.4073, 0.3212,
0.2884


 28.4073, 0.3212,
0.2884


294.4081, 0.3169,
0.3097


 18.6329, 0.3223,
0.2827


 57.1341, 0.3196,
0.2964

 11.4053, 0.3237,
0.2752


 76.8552, 0.3190,
0.2993

 6.3402, 0.3255,
0.2649


 100.6608, 0.3185,
0.3018

 3.0530, 0.3281,
0.2496

128.9351, 0.3181,
0.3038

 1.1595, 0.3317,
0.2250

162.0626, 0.3178,
0.3056

 0.0282, 0.3810,
0.0233

200.4277, 0.3174,

 0.0000, 0.0000,

0.3072

0.0000

244.4147, 0.3172,
0.3085

■ 28.4073, 0.3212,
0.2884

■ 28.4073, 0.3212,
0.2884

■ 23.9542, 0.3263,
0.2677

■ 33.6141, 0.3167,
0.3089

■ 20.2160, 0.3320,
0.2475

■ 39.6040, 0.3128,
0.3288

■ 17.1556, 0.3382,
0.2285

■ 46.4090, 0.3094,
0.3476

■ 14.7315, 0.3448,
0.2118

■ 54.0585, 0.3065,
0.3652

■ 12.8975, 0.3516,
0.1983

■ 62.5803, 0.3040,
0.3816

■ 11.6009, 0.3584,
0.1887

■ 72.0010, 0.3020,
0.3966

■ 10.7801, 0.3650,
0.1835

■ 82.3460, 0.3002,
0.4104

■ 10.3010, 0.3713,
0.1819

■ 83.5448, 0.2987,
0.4084

■ 83.6747, 0.2971,
0.4048

Harmonies

Analogous

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



28.4073, 0.2879, 0.2756



28.4073, 0.3212, 0.2884



28.4073, 0.3537, 0.3107

Triad

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



28.4073, 0.3212, 0.2884



28.4073, 0.3638, 0.3840



28.4073, 0.2539, 0.3147

Complementary

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



28.4073, 0.3212, 0.2884



35.4583, 0.3053, 0.3733

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.



28.4073, 0.2722, 0.3470



28.4073, 0.3212, 0.2884



28.4073, 0.3353, 0.3888

Square

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



28.4073, 0.3212, 0.2884



28.4073, 0.3789, 0.3647



28.4073, 0.3017, 0.3752



28.4073, 0.2505, 0.2889

Rectangle

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



28.4073, 0.3212, 0.2884



28.4073, 0.3699, 0.3286



28.4073, 0.3017, 0.3752



28.4073, 0.2584, 0.3252

Sweetspot

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



28.4085, 0.3212, 0.2884



64.3255, 0.3150, 0.3170



25.8271, 0.2855, 0.2756



13.8791, 0.3153, 0.3158



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.



28.4085, 0.3212, 0.2884



47.2733, 0.3233, 0.2795



27.8510, 0.3390, 0.3122



7.6434, 0.3163, 0.3106



7.6825, 0.3707, 0.1816



0.1927, 0.3517, 0.1711

Inverse Universe

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



28.4085, 0.3212, 0.2884



47.2733, 0.3233, 0.2795



35.9915, 0.2920, 0.3465



7.6434, 0.3163, 0.3106



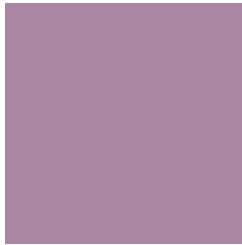
7.6825, 0.3707, 0.1816



0.1927, 0.3517, 0.1711

Previews

White Background



This preview shows how the Yxy color 28.4073, 0.3212, 0.2884 looks on a white background.

Color Contrast Check

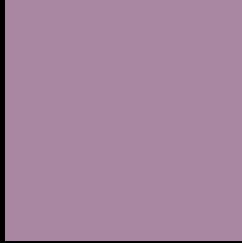
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4073, 0.3212, 0.2884 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 28.4073, 0.3212, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 28.4073, 0.3212, 0.2884.



This preview shows how white text looks on a background with the Yxy color 28.4073, 0.3212, 0.2884.

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

28.4073, 0.3212, 0.2884

Protanopia

28.4738, 0.2865, 0.2901

Deuteranopia

28.6300, 0.3037, 0.2984



Tritanopia

28.5306, 0.3344, 0.3141

Trichromacy



Original Color

28.4073, 0.3212, 0.2884

Protanomaly

28.4191, 0.2980, 0.2894

Deuteranomaly

28.3430, 0.3101, 0.2944

Tritanomaly

28.5161, 0.3303, 0.3054

Monochromacy



Original Color

28.4073, 0.3212, 0.2884

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.0127, 0.3166, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4073, 0.3212, 0.2884 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(169, 135, 163)` looks like.

```
.text, #text, p{  
    color:rgb(169, 135, 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(169, 135, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 135, 163) }
```

Border

The CSS property to change the border of an element to Yxy 28.4073, 0.3212, 0.2884 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(169, 135, 163) }
```

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

```
.border{ border-color:rgb(169, 135, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 135, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 135, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 135, 163);  
box-shadow:4px 4px 4px 4px rgb(169, 135,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4073, 0.3212, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 135, 163) }
```

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

```
.background{ background-color: rgb(169,  
135, 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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