

Converting Colors

$Y_{xy}(28.7039, 0.3352, 0.3056)$

Have a look what the booklet for
Yxy(28.7039, 0.3352, 0.3056)
contains.

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Color

Yxy(28.6460, 0.3360, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	AC8898
RGB	172, 136, 152
RGB Percent	67%, 53%, 60%
CMY	0.3255, 0.4667, 0.4039
CMYK	0.00, 0.21, 0.12, 0.33
HSL	333°, 18%, 60%
HSV	333°, 21%, 67%
XYZ	31.4853, 28.6460, 33.5749
YIQ	148.5880, 16.3200, 12.6080

Conversions

Conversions Part 2

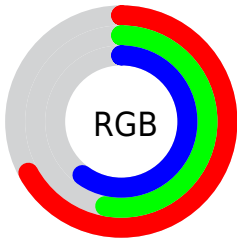
Format	Color
RYB	172, 136, 152
Decimal	11307160
CIELab	60.47, 16.36, -3.28
CIElCh	60, 16.682, 348.670
Yxy	28.6460, 0.3360, 0.3057
Android (android.graphics.Color)	4289497240 (0xFFAC8898)
YUV	148.5880, 1.6821, 20.5323
Hunter-Lab	53.5220, 11.3426, 0.2721

Details

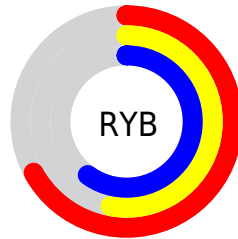
The Yxy color **28.6460, 0.3360, 0.3057** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.1415, 0.2942, 0.3536**, and the grayscale version is **29.8614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3454, 0.3317, 0.3101**, and **11.5171, 0.3438, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **23.8841, 0.3508, 0.2939**, and if you desaturate by 10%, it is **34.2132, 0.3237, 0.3172**.

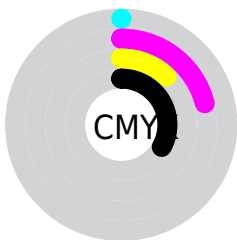
Distribution



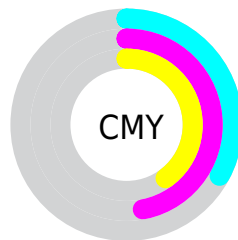
- Red (67%)
- Green (53%)
- Blue (60%)



- Red (67%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6460, 0.3360, 0.3057 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 28.6460, 0.3360, 0.3057 by changing the saturation by 10% instead.


 28.6460, 0.3360,
0.3057


 28.6460, 0.3360,
0.3057


295.5410, 0.3235,
0.3181


 18.8132, 0.3394,
0.3023


 57.5142, 0.3312,
0.3104

 11.5354, 0.3441,
0.2978


 77.3183, 0.3295,
0.3121

 6.4281, 0.3506,
0.2915


 101.2150, 0.3281,
0.3135

 3.1071, 0.3606,
0.2819

129.5887, 0.3269,
0.3147

 1.1879, 0.3777,
0.2659

162.8238, 0.3259,
0.3158

 0.0518, 0.5708,
0.0659

201.3046, 0.3250,


 0.0000, 0.0000,

0.3167


0.0000


245.4155, 0.3242,
0.3174


 28.6460, 0.3360,
0.3057


 28.6460, 0.3360,
0.3057

 23.8841, 0.3508,
0.2939


 34.2132, 0.3237,
0.3172


 19.8861, 0.3683,
0.2822


 40.6169, 0.3136,
0.3280


 16.6126, 0.3889,
0.2714

 47.8914, 0.3052,
0.3382

 14.0191, 0.4125,
0.2622

 56.0681, 0.2983,
0.3476

 12.0562, 0.4386,
0.2559

 65.1765, 0.2926,
0.3562

■ 10.6677, 0.4663,
0.2538

■ 75.2450, 0.2879,
0.3641

■ 9.7873, 0.4940,
0.2566

■ 85.4004, 0.2838,
0.3698

■ 9.2988, 0.5182,
0.2629

■ 85.9181, 0.2790,
0.3587

■ 86.4652, 0.2743,
0.3477

Harmonies

Analogous

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



28.6460, 0.3083, 0.2900



28.6460, 0.3360, 0.3057



28.6460, 0.3580, 0.3273

Triad

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



28.6460, 0.3360, 0.3057



28.6460, 0.3419, 0.3777



28.6460, 0.2610, 0.3041

Complementary

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



28.6460, 0.3360, 0.3057



37.1415, 0.2942, 0.3536

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.



28.6460, 0.2692, 0.3282



28.6460, 0.3360, 0.3057



28.6460, 0.3152, 0.3725

Square

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



28.6460, 0.3360, 0.3057



28.6460, 0.3612, 0.3689



28.6460, 0.2888, 0.3539



28.6460, 0.2659, 0.2883

Rectangle

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



28.6460, 0.3360, 0.3057



28.6460, 0.3659, 0.3427



28.6460, 0.2888, 0.3539



28.6460, 0.2623, 0.3115

Sweetspot

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



28.6473, 0.3360, 0.3057



67.4735, 0.3186, 0.3225



27.6363, 0.2982, 0.2754



14.5075, 0.3192, 0.3218



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.



28.6473, 0.3360, 0.3057



47.8879, 0.3423, 0.3004



28.6693, 0.3532, 0.3318



8.0723, 0.3219, 0.3190



6.9303, 0.5158, 0.2615



0.2039, 0.4423, 0.2210

Inverse Universe

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



28.6473, 0.3360, 0.3057



47.8879, 0.3423, 0.3004



37.0390, 0.2819, 0.3262



8.0723, 0.3219, 0.3190



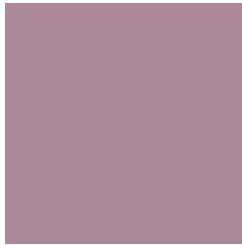
6.9303, 0.5158, 0.2615



0.2039, 0.4423, 0.2210

Previews

White Background



This preview shows how the Yxy color 28.6460, 0.3360, 0.3057 looks on a white background.

Color Contrast Check

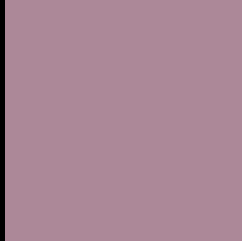
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6460, 0.3360, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

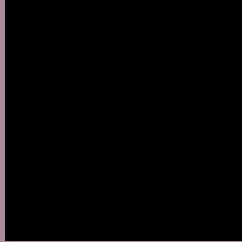
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6460, 0.3360, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 28.6460, 0.3360, 0.3057.



This preview shows how white text looks on a background with the Yxy color 28.6460, 0.3360, 0.3057.

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

28.6460, 0.3360, 0.3057

Protanopia

28.7049, 0.3013, 0.3101

Deuteranopia

28.8495, 0.3208, 0.3153



Tritanopia

28.6558, 0.3401, 0.3143

Trichromacy



Original Color

28.6460, 0.3360, 0.3057

Protanomaly

28.6811, 0.3137, 0.3091

Deuteranomaly

28.7771, 0.3265, 0.3125

Tritanomaly

28.7192, 0.3379, 0.3114

Monochromacy



Original Color

28.6460, 0.3360, 0.3057

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.3166, 0.3206, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6460, 0.3360, 0.3057 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, 136, 152)` looks like.

```
.text, #text, p{  
    color:rgb(172, 136, 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, 136, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 136, 152) }
```

Border

The CSS property to change the border of an element to Yxy 28.6460, 0.3360, 0.3057 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, 136, 152) }
```

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

```
.border{ border-color:rgb(172, 136, 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, 136, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 136, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 136, 152);  
box-shadow:4px 4px 4px 4px rgb(172, 136,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6460, 0.3360, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 136, 152) }
```

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

```
.background{ background-color: rgb(172,  
136, 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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