

Converting Colors

$Y_{xy}(28.4066, 0.3155, 0.2705)$

Have a look what the booklet for
Yxy(28.4066, 0.3155, 0.2705)
contains.

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Color

Yxy(28.4039, 0.3154, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	AD84AD
RGB	173, 132, 173
RGB Percent	68%, 52%, 68%
CMY	0.3217, 0.4823, 0.3216
CMYK	0.00, 0.24, 0.00, 0.32
HSL	300°, 20%, 60%
HSV	300°, 24%, 68%
XYZ	33.0210, 28.4039, 43.2707
YIQ	148.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

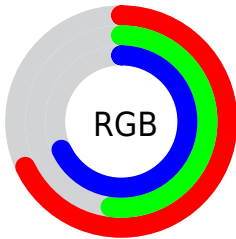
Format	Color
R _{YB}	173, 132, 173
Decimal	11371693
CIE _{Lab}	60.25, 22.82, -15.57
CIE _{LCh}	60, 27.631, 325.694
Yxy	28.4039, 0.3154, 0.2713
Android (android.graphics.Color)	4289561773 (0xFFAD84AD)
YUV	148.9330, 11.8650, 21.1068
Hunter-Lab	53.2953, 17.3291, -10.8311

Details

The Yxy color **28.4039, 0.3154, 0.2713** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.4579, 0.3097, 0.3943**, and the grayscale version is **29.9707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9574, 0.3157, 0.2824**, and **11.4081, 0.3147, 0.2526** is the 20% darker color. If you saturate the color by 10%, you get **24.0941, 0.3165, 0.2471**, and if you desaturate by 10%, it is **33.4941, 0.3143, 0.2959**.

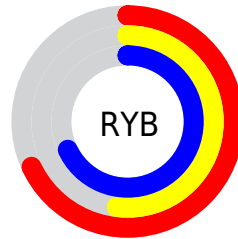
Distribution



Red (68%)

Green (52%)

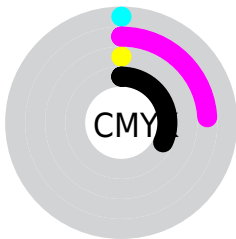
Blue (68%)



Red (68%)

Yellow (52%)

Blue (68%)

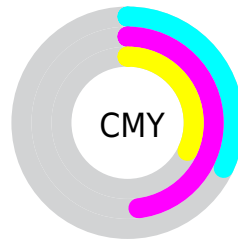


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (32%)



Cyan (32%)


Magenta (48%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4039, 0.3154, 0.2713 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 28.4039, 0.3154, 0.2713 by changing the saturation by 10% instead.


 28.4039, 0.3154,
0.2713


 28.4039, 0.3154,
0.2713


294.3919, 0.3145,
0.3012

 18.6303, 0.3155,
0.2635


 57.1286, 0.3152,
0.2824

 11.4035, 0.3154,
0.2534


 76.8486, 0.3151,
0.2865

 6.3389, 0.3151,
0.2395


 100.6529, 0.3150,
0.2899

 3.0522, 0.3142,
0.2196

128.9258, 0.3149,
0.2928

 1.1591, 0.3116,
0.1889

162.0517, 0.3148,
0.2954

 0.0279, 0.3356,
0.0160

200.4152, 0.3147,

 0.0000, 0.0000,

0.2976

0.0000

244.4004, 0.3146,
0.2995

■ 28.4039, 0.3154,
0.2713

■ 28.4039, 0.3154,
0.2713

■ 24.0941, 0.3165,
0.2471

■ 33.4941, 0.3143,
0.2959

■ 20.5228, 0.3176,
0.2242

■ 39.3968, 0.3131,
0.3202

■ 17.6495, 0.3185,
0.2034

■ 46.1466, 0.3120,
0.3437

■ 15.4287, 0.3194,
0.1857

■ 53.7750, 0.3110,
0.3658

■ 13.8091, 0.3200,
0.1718

■ 62.3122, 0.3100,
0.3865

■ 12.7323, 0.3204,
0.1621

■ 71.7866, 0.3091,
0.4056

■ 12.1276, 0.3207,
0.1564

■ 82.2255, 0.3083,
0.4230

■ 11.8892, 0.3208,
0.1541

■ 83.4253, 0.3083,
0.4248

■ 83.4263, 0.3083,
0.4247

Harmonies

Analogous

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



28.4039, 0.2720, 0.2571



28.4039, 0.3154, 0.2713



28.4039, 0.3611, 0.2984

Triad

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



28.4039, 0.3154, 0.2713



28.4039, 0.3865, 0.3990



28.4039, 0.2371, 0.3160

Complementary

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



28.4039, 0.3154, 0.2713



36.4579, 0.3097, 0.3943

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.



28.4039, 0.2640, 0.3611



28.4039, 0.3154, 0.2713



28.4039, 0.3499, 0.4115

Square

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



28.4039, 0.3154, 0.2713



28.4039, 0.4035, 0.3695



28.4039, 0.3049, 0.3981



28.4039, 0.2294, 0.2792

Rectangle

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



28.4039, 0.3154, 0.2713



28.4039, 0.3855, 0.3211



28.4039, 0.3049, 0.3981



28.4039, 0.2441, 0.3308

Sweetspot

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



28.4051, 0.3154, 0.2713



66.7635, 0.3135, 0.3120



24.6177, 0.2733, 0.2648



14.3770, 0.3136, 0.3106



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.



28.4051, 0.3154, 0.2713



46.9983, 0.3159, 0.2596



27.6970, 0.3365, 0.2983



8.1479, 0.3138, 0.3067



8.7359, 0.3208, 0.1541



0.2431, 0.3208, 0.1541

Inverse Universe

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



27.0580, 0.3607, 0.3291



44.1945, 0.3738, 0.3291



37.0508, 0.2942, 0.3620



8.0154, 0.3286, 0.3290



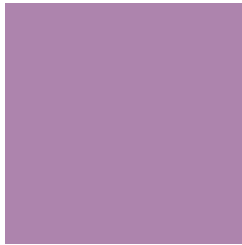
6.5270, 0.6400, 0.3299



0.1816, 0.6397, 0.3298

Previews

White Background



This preview shows how the Yxy color 28.4039, 0.3154, 0.2713 looks on a white background.

Color Contrast Check

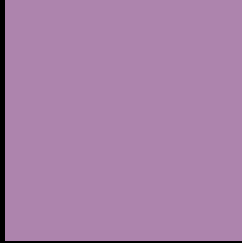
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4039, 0.3154, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

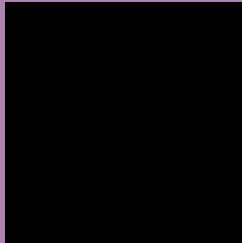
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4039, 0.3154, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 28.4039, 0.3154, 0.2713.



This preview shows how white text looks on a background with the Yxy color 28.4039, 0.3154, 0.2713.

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

28.4039, 0.3154, 0.2713

Protanopia

28.6011, 0.2728, 0.2725

Deuteranopia

28.4893, 0.2904, 0.2848



Tritanopia

28.4329, 0.3379, 0.3142

Trichromacy



Original Color

28.4039, 0.3154, 0.2713

Protanomaly

28.4545, 0.2871, 0.2724

Deuteranomaly

28.2234, 0.2984, 0.2785

Tritanomaly

28.2743, 0.3296, 0.2983

Monochromacy



Original Color

28.4039, 0.3154, 0.2713

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.3826, 0.3138, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4039, 0.3154, 0.2713 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(173, 132, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 132, 173)  
}
```

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(173, 132, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 132, 173) }
```

Border

The CSS property to change the border of an element to Yxy 28.4039, 0.3154, 0.2713 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(173, 132, 173) }
```

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

```
.border{ border-color:rgb(173, 132, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 132, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 132, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 132, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 132,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4039, 0.3154, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 132, 173) }
```

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

```
.background{ background-color: rgb(173,  
132, 173) }
```

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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