

Converting Colors

$Y_{xy}(28.1187, 0.3234, 0.2806)$

Have a look what the booklet for
Yxy(28.1187, 0.3234, 0.2806)
contains.

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Color

Yxy(28.1399, 0.3227, 0.2805)

Conversions

Conversions Part 1

Format	Color
Hex	AD84A6
RGB	173, 132, 166
RGB Percent	68%, 52%, 65%
CMY	0.3214, 0.4824, 0.3490
CMYK	0.00, 0.24, 0.04, 0.32
HSL	310°, 20%, 60%
HSV	310°, 24%, 68%
XYZ	32.3734, 28.1399, 39.8072
YIQ	148.1350, 13.5220, 19.2660

Conversions

Conversions Part 2

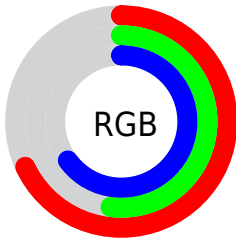
Format	Color
RYB	173, 132, 166
Decimal	11371686
CIELab	60.01, 21.53, -11.95
CIELCh	60, 24.626, 330.973
Yxy	28.1399, 0.3227, 0.2805
Android (android.graphics.Color)	4289561766 (0xFFAD84A6)
YUV	148.1350, 8.8074, 21.8066
Hunter-Lab	53.0471, 16.1022, -7.3590

Details

The Yxy color **28.1399, 0.3227, 0.2805** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.6678, 0.3041, 0.3829**, and the grayscale version is **29.6334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5764, 0.3211, 0.2897**, and **11.2426, 0.3254, 0.2651** is the 20% darker color. If you saturate the color by 10%, you get **23.7242, 0.3279, 0.2597**, and if you desaturate by 10%, it is **33.3389, 0.3181, 0.3013**.

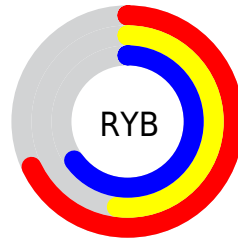
Distribution



Red (68%)

Green (52%)

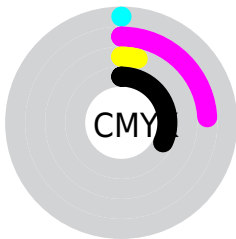
Blue (65%)



Red (68%)

Yellow (52%)

Blue (65%)

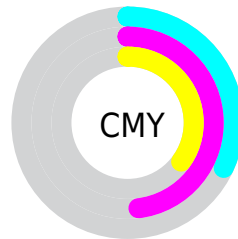


Cyan (0%)

Magenta (24%)

Yellow (4%)

Black (32%)



Cyan (32%)


Magenta (48%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1399, 0.3227, 0.2805 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 28.1399, 0.3227, 0.2805 by changing the saturation by 10% instead.


 28.1399, 0.3227,
0.2805


 28.1399, 0.3227,
0.2805


293.1348, 0.3177,
0.3058


 18.4311, 0.3239,
0.2738


 56.7077, 0.3209,
0.2900

 11.2600, 0.3255,
0.2650


 76.3356, 0.3202,
0.2934

 6.2420, 0.3275,
0.2529

 100.0386, 0.3196,
0.2963

 2.9928, 0.3302,
0.2353

128.2012, 0.3191,
0.2988

 1.1280, 0.3339,
0.2074

161.2077, 0.3187,
0.3009

 0.0017, 0.3859,
0.0012

199.4425, 0.3183,

 0.0000, 0.0000,

0.3028

0.0000

243.2901, 0.3180,
0.3044

■ 28.1399, 0.3227,
0.2805

■ 28.1399, 0.3227,
0.2805

■ 23.7242, 0.3279,
0.2597

■ 33.3389, 0.3181,
0.3013

■ 20.0496, 0.3336,
0.2397

■ 39.3532, 0.3141,
0.3217

■ 17.0758, 0.3397,
0.2213

■ 46.2176, 0.3106,
0.3411

■ 14.7571, 0.3462,
0.2055

■ 53.9636, 0.3076,
0.3593

■ 13.0424, 0.3527,
0.1933

■ 62.6212, 0.3051,
0.3763

■ 11.8727, 0.3592,
0.1852

■ 72.2191, 0.3029,
0.3920

■ 11.1776, 0.3654,
0.1816

■ 82.7846, 0.3011,
0.4063

■ 10.8843, 0.3693,
0.1808

■ 84.1116, 0.2995,
0.4047

■ 84.2420, 0.2980,
0.4011

Harmonies

Analogous

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



28.1399, 0.2826, 0.2653



28.1399, 0.3227, 0.2805



28.1399, 0.3624, 0.3068

Triad

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



28.1399, 0.3227, 0.2805



28.1399, 0.3742, 0.3952



28.1399, 0.2421, 0.3111

Complementary

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



28.1399, 0.3227, 0.2805



36.6678, 0.3041, 0.3829

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.



28.1399, 0.2637, 0.3507



28.1399, 0.3227, 0.2805



28.1399, 0.3395, 0.4021

Square

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



28.1399, 0.3227, 0.2805



28.1399, 0.3929, 0.3712



28.1399, 0.2990, 0.3857



28.1399, 0.2382, 0.2802

Rectangle

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



28.1399, 0.3227, 0.2805



28.1399, 0.3821, 0.3280



28.1399, 0.2990, 0.3857



28.1399, 0.2475, 0.3239

Sweetspot

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



28.1411, 0.3227, 0.2805



66.6198, 0.3154, 0.3148



24.9925, 0.2798, 0.2648



14.3433, 0.3156, 0.3137



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.



28.1411, 0.3227, 0.2805



46.4375, 0.3251, 0.2705



27.4526, 0.3450, 0.3090



8.1242, 0.3163, 0.3104



8.0004, 0.3686, 0.1804



0.2287, 0.3520, 0.1713

Inverse Universe

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



28.1411, 0.3227, 0.2805



46.4375, 0.3251, 0.2705



37.3189, 0.2884, 0.3500



8.1242, 0.3163, 0.3104



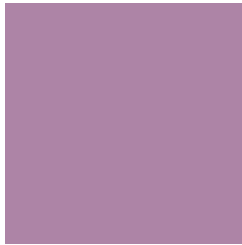
8.0004, 0.3686, 0.1804



0.2287, 0.3520, 0.1713

Previews

White Background



This preview shows how the Yxy color 28.1399, 0.3227, 0.2805 looks on a white background.

Color Contrast Check

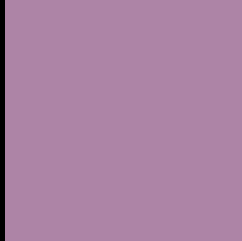
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1399, 0.3227, 0.2805 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 28.1399, 0.3227, 0.2805

Background



This preview shows how black text looks on a background with the Yxy color 28.1399, 0.3227, 0.2805.



This preview shows how white text looks on a background with the Yxy color 28.1399, 0.3227, 0.2805.

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

28.1399, 0.3227, 0.2805

Protanopia

28.4058, 0.2794, 0.2825

Deuteranopia

28.2141, 0.2998, 0.2937



Tritanopia

28.2297, 0.3403, 0.3143

Trichromacy



Original Color

28.1399, 0.3227, 0.2805

Protanomaly

28.2758, 0.2943, 0.2822

Deuteranomaly

28.1627, 0.3072, 0.2886

Tritanomaly

28.2858, 0.3340, 0.3027

Monochromacy



Original Color

28.1399, 0.3227, 0.2805

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.8807, 0.3158, 0.3092

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1399, 0.3227, 0.2805 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 132, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 132, 166) }
```

Border

The CSS property to change the border of an element to Yxy 28.1399, 0.3227, 0.2805 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, 166) }
```

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

```
.border{ border-color:rgb(173, 132, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 132, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 132, 166);  
box-shadow:4px 4px 4px 4px rgb(173, 132,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1399, 0.3227, 0.2805 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, 166) }
```

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

```
.background{ background-color: rgb(173,  
132, 166) }
```

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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