

Converting Colors

$Y_{xy}(29.5292, 0.3222, 0.2877)$

Have a look what the booklet for
Yxy(29.5292, 0.3222, 0.2877)
contains.

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Color

Yxy(29.5287, 0.3222, 0.2877)

Conversions

Conversions Part 1

Format	Color
Hex	AD89A6
RGB	173, 137, 166
RGB Percent	68%, 54%, 65%
CMY	0.3214, 0.4628, 0.3490
CMYK	0.00, 0.21, 0.04, 0.32
HSL	312°, 18%, 61%
HSV	312°, 21%, 68%
XYZ	33.0697, 29.5287, 40.0387
YIQ	151.0700, 12.1470, 16.6510

Conversions

Conversions Part 2

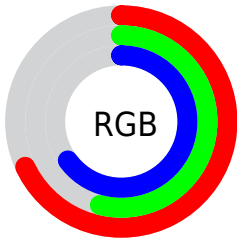
Format	Color
RYB	173, 137, 166
Decimal	11372966
CIELab	61.25, 18.71, -10.10
CIElCh	61, 21.268, 331.635
Yxy	29.5287, 0.3222, 0.2877
Android (android.graphics.Color)	4289563046 (0xFFAD89A6)
YUV	151.0700, 7.3605, 19.2326
Hunter-Lab	54.3403, 13.5335, -5.6475

Details

The Yxy color **29.5287, 0.3222, 0.2877** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.2343, 0.3045, 0.3742**, and the grayscale version is **30.9450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.1401, 0.3206, 0.2963**, and **12.0244, 0.3247, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **24.8770, 0.3278, 0.2673**, and if you desaturate by 10%, it is **34.9752, 0.3173, 0.3079**.

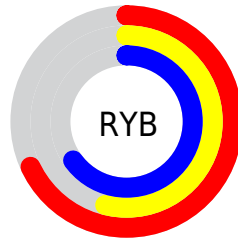
Distribution



Red (68%)

Green (54%)

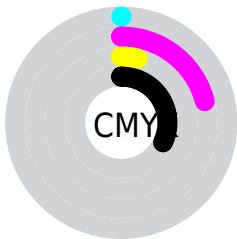
Blue (65%)



Red (68%)

Yellow (54%)

Blue (65%)

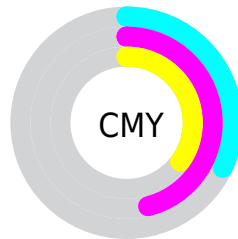


Cyan (0%)

Magenta (21%)

Yellow (4%)

Black (32%)



Cyan (32%)


Magenta (46%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5287, 0.3222, 0.2877 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 29.5287, 0.3222, 0.2877 by changing the saturation by 10% instead.


 29.5287, 0.3222,
0.2877


 29.5287, 0.3222,
0.2877


299.7014, 0.3174,
0.3092

 19.4811, 0.3234,
0.2820


 58.9160, 0.3204,
0.2957

 12.0184, 0.3250,
0.2746

 79.0246, 0.3198,
0.2987

 6.7562, 0.3270,
0.2643


 103.2556, 0.3192,
0.3012

 3.3101, 0.3299,
0.2493

131.9935, 0.3188,
0.3033

 1.2957, 0.3340,
0.2255

165.6226, 0.3184,
0.3051

 0.1379, 0.3715,
0.0871

204.5274, 0.3180,

 0.0000, 0.0000,

0.3066

0.0000

249.0922, 0.3177,
0.3080

■ 29.5287, 0.3222,
0.2877

■ 29.5287, 0.3222,
0.2877

■ 24.8770, 0.3278,
0.2673

■ 34.9752, 0.3173,
0.3079

■ 20.9786, 0.3340,
0.2475

■ 41.2477, 0.3130,
0.3274

■ 17.7942, 0.3408,
0.2289

■ 48.3804, 0.3094,
0.3459

■ 15.2795, 0.3481,
0.2127

■ 56.4045, 0.3063,
0.3633

■ 13.3848, 0.3556,
0.1996

■ 65.3495, 0.3036,
0.3794

■ 12.0539, 0.3631,
0.1906

■ 75.2437, 0.3014,
0.3942

■ 11.2203, 0.3705,
0.1861

■ 84.1103, 0.2996,
0.4047

■ 10.7621, 0.3770,
0.1851

■ 84.2592, 0.2978,
0.4007

■ 84.4115, 0.2960,
0.3966

Harmonies

Analogous

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



29.5287, 0.2878, 0.2743



29.5287, 0.3222, 0.2877



29.5287, 0.3556, 0.3107

Triad

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



29.5287, 0.3222, 0.2877



29.5287, 0.3648, 0.3859



29.5287, 0.2520, 0.3135

Complementary

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



29.5287, 0.3222, 0.2877



37.2343, 0.3045, 0.3742

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.



29.5287, 0.2704, 0.3468



29.5287, 0.3222, 0.2877



29.5287, 0.3351, 0.3906

Square

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



29.5287, 0.3222, 0.2877



29.5287, 0.3807, 0.3662



29.5287, 0.3006, 0.3762



29.5287, 0.2489, 0.2872

Rectangle

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



29.5287, 0.3222, 0.2877



29.5287, 0.3720, 0.3292



29.5287, 0.3006, 0.3762



29.5287, 0.2565, 0.3243

Sweetspot

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



29.5300, 0.3222, 0.2877



67.7299, 0.3152, 0.3172



26.7991, 0.2850, 0.2735



14.5687, 0.3155, 0.3160



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.



29.5300, 0.3222, 0.2877



48.8551, 0.3247, 0.2783



28.9273, 0.3409, 0.3124



8.1209, 0.3166, 0.3109



7.9102, 0.3763, 0.1847



0.2268, 0.3568, 0.1739

Inverse Universe

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



29.5300, 0.3222, 0.2877



48.8551, 0.3247, 0.2783



37.8155, 0.2908, 0.3463



8.1209, 0.3166, 0.3109



7.9102, 0.3763, 0.1847



0.2268, 0.3568, 0.1739

Previews

White Background



This preview shows how the Yxy color 29.5287, 0.3222, 0.2877 looks on a white background.

Color Contrast Check

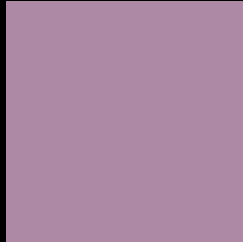
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5287, 0.3222, 0.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

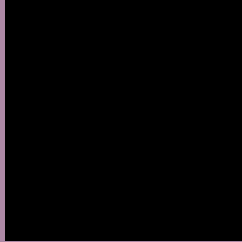
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5287, 0.3222, 0.2877

Background



This preview shows how black text looks on a background with the Yxy color 29.5287, 0.3222, 0.2877.



This preview shows how white text looks on a background with the Yxy color 29.5287, 0.3222, 0.2877.

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

29.5287, 0.3222, 0.2877

Protanopia

29.6856, 0.2860, 0.2907

Deuteranopia

29.6317, 0.3039, 0.2974



Tritanopia

29.6485, 0.3352, 0.3130

Trichromacy



Original Color

29.5287, 0.3222, 0.2877

Protanomaly

29.4172, 0.2983, 0.2886

Deuteranomaly

29.4477, 0.3112, 0.2936

Tritanomaly

29.6362, 0.3312, 0.3044

Monochromacy



Original Color

29.5287, 0.3222, 0.2877

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.3290, 0.3165, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5287, 0.3222, 0.2877 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, 137, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 137, 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, 137, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 137, 166) }
```

Border

The CSS property to change the border of an element to Yxy 29.5287, 0.3222, 0.2877 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, 137, 166) }
```

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

```
.border{ border-color:rgb(173, 137, 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, 137, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 137, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 137, 166);  
box-shadow:4px 4px 4px 4px rgb(173, 137,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5287, 0.3222, 0.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 137, 166) }
```

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

```
.background{ background-color: rgb(173,  
137, 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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