

Converting Colors

$Y_{xy}(25.9029, 0.3163, 0.2568)$

Have a look what the booklet for
Yxy(25.9029, 0.3163, 0.2568)
contains.

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Color

Yxy(25.9349, 0.3172, 0.2574)

Conversions

Conversions Part 1

Format	Color
Hex	AE7AAD
RGB	174, 122, 173
RGB Percent	68%, 48%, 68%
CMY	0.3176, 0.5216, 0.3215
CMYK	0.00, 0.30, 0.01, 0.32
HSL	301°, 24%, 58%
HSV	301°, 30%, 68%
XYZ	31.9602, 25.9349, 42.8621
YIQ	143.3620, 14.6210, 26.8850

Conversions

Conversions Part 2

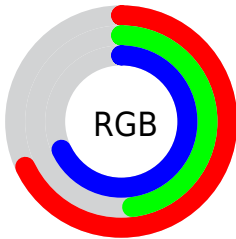
Format	Color
RYB	174, 122, 173
Decimal	11434669
CIELab	57.98, 28.83, -19.03
CIELCh	58, 34.549, 326.569
Yxy	25.9349, 0.3172, 0.2574
Android (android.graphics.Color)	4289624749 (0xFFAE7AAD)
YUV	143.3620, 14.6115, 26.8695
Hunter-Lab	50.9263, 22.9014, -14.2530

Details

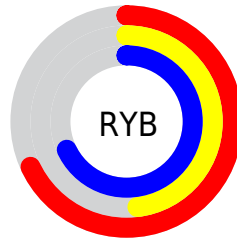
The Yxy color $25.9349, 0.3172, 0.2574$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $35.8433, 0.3079, 0.4128$, and the grayscale version is $27.5573, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.1401, 0.3163, 0.2706$, and $10.0802, 0.3172, 0.2342$ is the 20% darker color. If you saturate the color by 10%, you get $22.0258, 0.3188, 0.2342$, and if you desaturate by 10%, it is $30.6114, 0.3156, 0.2815$.

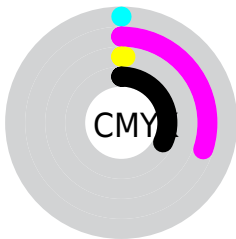
Distribution



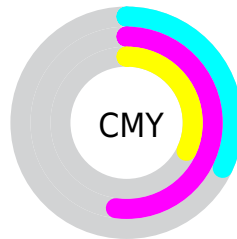
- Red (68%)
- Green (48%)
- Blue (68%)



- Red (68%)
- Yellow (48%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (32%)





- Cyan (32%)
- Magenta (52%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9349, 0.3172, 0.2574 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 25.9349, 0.3172, 0.2574 by changing the saturation by 10% instead.


 25.9349, 0.3172,
0.2574


 25.9349, 0.3172,
0.2574


282.4624, 0.3156,
0.2945


 16.7749, 0.3173,
0.2478


 53.1699, 0.3168,
0.2712

 10.0742, 0.3173,
0.2352


 72.0137, 0.3166,
0.2763

 5.4482, 0.3170,
0.2181


 94.8543, 0.3164,
0.2805

 2.5125, 0.3157,
0.1937

122.0761, 0.3162,
0.2842

 0.8829, 0.3117,
0.1567

154.0633, 0.3160,
0.2873

 0.0000, 0.3101,
0.0000

191.2006, 0.3159,

 0.0000, 0.0000,

0.2900

0.0000

233.8721, 0.3157,
0.2924

■ 25.9349, 0.3172,
0.2574

■ 25.9349, 0.3172,
0.2574

■ 22.0258, 0.3188,
0.2342

■ 30.6114, 0.3156,
0.2815

■ 18.8398, 0.3203,
0.2128

■ 36.0897, 0.3141,
0.3057

■ 16.3335, 0.3217,
0.1940

■ 42.4062, 0.3127,
0.3293

■ 14.4573, 0.3230,
0.1788

■ 49.5942, 0.3114,
0.3518

■ 13.1548, 0.3241,
0.1676

■ 57.6849, 0.3102,
0.3730

■ 12.3599, 0.3250,
0.1606

■ 66.7083, 0.3091,
0.3927

■ 11.9318, 0.3257,
0.1568

■ 76.6928, 0.3081,
0.4107

■ 11.9275, 0.3257,
0.1568

■ 83.6418, 0.3074,
0.4214

■ 83.6550, 0.3072,
0.4210

Harmonies

Analogous

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



25.9349, 0.2619, 0.2391



25.9349, 0.3172, 0.2574



25.9349, 0.3764, 0.2910

Triad

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



25.9349, 0.3172, 0.2574



25.9349, 0.4051, 0.4181



25.9349, 0.2164, 0.3092

Complementary

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



25.9349, 0.3172, 0.2574



35.8433, 0.3079, 0.4128

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.



25.9349, 0.2487, 0.3689



25.9349, 0.3172, 0.2574



25.9349, 0.3572, 0.4362

Square

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



25.9349, 0.3172, 0.2574



25.9349, 0.4291, 0.3794



25.9349, 0.2998, 0.4192



25.9349, 0.2081, 0.2634

Rectangle

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



25.9349, 0.3172, 0.2574



25.9349, 0.4079, 0.3191



25.9349, 0.2998, 0.4192



25.9349, 0.2246, 0.3284

Sweetspot

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



25.9360, 0.3172, 0.2574



66.2400, 0.3140, 0.3074



21.1761, 0.2619, 0.2438



14.3822, 0.3142, 0.3040



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.9360, 0.3172, 0.2574



42.1066, 0.3183, 0.2416



25.0294, 0.3467, 0.2922



8.1454, 0.3140, 0.3071



8.6511, 0.3257, 0.1568



0.2415, 0.3241, 0.1559

Inverse Universe

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



25.9360, 0.3172, 0.2574



42.1066, 0.3183, 0.2416



36.5791, 0.2884, 0.3691



8.1454, 0.3140, 0.3071



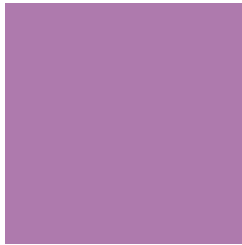
8.6511, 0.3257, 0.1568



0.2415, 0.3241, 0.1559

Previews

White Background



This preview shows how the Yxy color 25.9349, 0.3172, 0.2574 looks on a white background.

Color Contrast Check

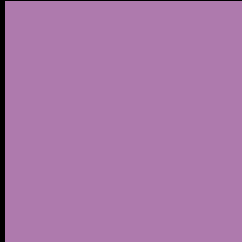
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9349, 0.3172, 0.2574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

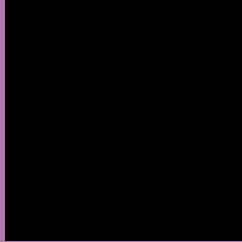
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9349, 0.3172, 0.2574

Background



This preview shows how black text looks on a background with the Yxy color 25.9349, 0.3172, 0.2574.



This preview shows how white text looks on a background with the Yxy color 25.9349, 0.3172, 0.2574.

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

25.9349, 0.3172, 0.2574

Protanopia

26.1918, 0.2599, 0.2559

Deuteranopia

26.1969, 0.2822, 0.2770



Tritanopia

25.9996, 0.3487, 0.3140

Trichromacy



Original Color

25.9349, 0.3172, 0.2574

Protanomaly

25.7680, 0.2780, 0.2550

Deuteranomaly

26.0221, 0.2941, 0.2698

Tritanomaly

25.8140, 0.3378, 0.2922

Monochromacy



Original Color

25.9349, 0.3172, 0.2574

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.5311, 0.3141, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9349, 0.3172, 0.2574 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(174, 122, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 122, 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(174, 122, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 122, 173) }
```

Border

The CSS property to change the border of an element to Yxy 25.9349, 0.3172, 0.2574 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(174, 122, 173) }
```

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

```
.border{ border-color:rgb(174, 122, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 122, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 122, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 122, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 122,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9349, 0.3172, 0.2574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 122, 173) }
```

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

```
.background{ background-color: rgb(174,  
122, 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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