

Converting Colors

$Y_{xy}(28.6560, 0.3334, 0.2975)$

Have a look what the booklet for
Yxy(28.6560, 0.3334, 0.2975)
contains.

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Color

Yxy(28.7609, 0.3330, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	AE879D
RGB	174, 135, 157
RGB Percent	68%, 53%, 62%
CMY	0.3176, 0.4706, 0.3844
CMYK	0.00, 0.22, 0.10, 0.32
HSL	326°, 19%, 61%
HSV	326°, 22%, 68%
XYZ	32.2037, 28.7609, 35.7432
YIQ	149.1690, 16.1820, 15.1100

Conversions

Conversions Part 2

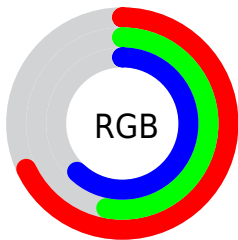
Format	Color
RYB	174, 135, 157
Decimal	11437981
CIELab	60.57, 18.53, -5.95
CIELCh	61, 19.460, 342.198
Yxy	28.7609, 0.3330, 0.2974
Android (android.graphics.Color)	4289628061 (0xFFAE879D)
YUV	149.1690, 3.8607, 21.7768
Hunter-Lab	53.6292, 13.3361, -1.9756

Details

The Yxy color **28.7609, 0.3330, 0.2974** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.6912, 0.2965, 0.3629**, and the grayscale version is **30.1083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.5429, 0.3287, 0.3026**, and **11.6026, 0.3392, 0.2866** is the 20% darker color. If you saturate the color by 10%, you get **24.0454, 0.3449, 0.2826**, and if you desaturate by 10%, it is **34.2886, 0.3229, 0.3119**.

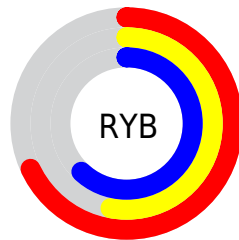
Distribution



Red (68%)

Green (53%)

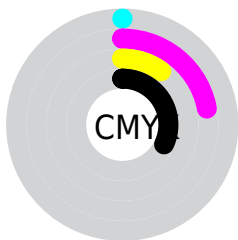
Blue (62%)



Red (68%)

Yellow (53%)

Blue (62%)

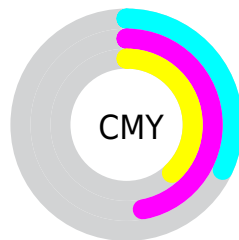


Cyan (0%)

Magenta (22%)

Yellow (10%)

Black (32%)



Cyan (32%)


Magenta (47%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7609, 0.3330, 0.2974 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 28.7609, 0.3330, 0.2974 by changing the saturation by 10% instead.


 28.7609, 0.3330,
0.2974


 28.7609, 0.3330,
0.2974


296.0851, 0.3222,
0.3141


 18.9000, 0.3359,
0.2929


 57.6970, 0.3289,
0.3037

 11.5981, 0.3398,
0.2870

 77.5410, 0.3275,
0.3060

 6.4706, 0.3452,
0.2787


 101.4815, 0.3262,
0.3079

 3.1333, 0.3534,
0.2664

129.9028, 0.3252,
0.3095

 1.2017, 0.3670,
0.2462

163.1895, 0.3243,
0.3109

 0.0631, 0.4833,
0.0595

201.7259, 0.3235,

 0.0000, 0.0000,

0.3121

0.0000

245.8963, 0.3228,
0.3132

■ 28.7609, 0.3330,
0.2974

■ 28.7609, 0.3330,
0.2974

■ 24.0454, 0.3449,
0.2826

■ 34.2886, 0.3229,
0.3119

■ 20.0995, 0.3588,
0.2681

■ 40.6608, 0.3145,
0.3258

■ 16.8824, 0.3748,
0.2546


■ 47.9128, 0.3075,
0.3388


■ 14.3481, 0.3927,
0.2431


■ 56.0766, 0.3017,
0.3510

■ 12.4452, 0.4122,
0.2348


■ 65.1828, 0.2968,
0.3622

 11.1150, 0.4326,
0.2308


 75.2603, 0.2928,
0.3725

 10.2876, 0.4530,
0.2319

 85.1789, 0.2894,
0.3800

 9.8815, 0.4683,
0.2354

 85.5668, 0.2855,
0.3711

 85.9730, 0.2816,
0.3622

Harmonies

Analogous

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



28.7609, 0.3005, 0.2814



28.7609, 0.3330, 0.2974



28.7609, 0.3610, 0.3211

Triad

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



28.7609, 0.3330, 0.2974



28.7609, 0.3523, 0.3849



28.7609, 0.2537, 0.3052

Complementary

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



28.7609, 0.3330, 0.2974



37.6912, 0.2965, 0.3629

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.



28.7609, 0.2661, 0.3345



28.7609, 0.3330, 0.2974



28.7609, 0.3224, 0.3829

Square

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



28.7609, 0.3330, 0.2974



28.7609, 0.3722, 0.3711



28.7609, 0.2909, 0.3640



28.7609, 0.2561, 0.2845

Rectangle

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



28.7609, 0.3330, 0.2974



28.7609, 0.3726, 0.3388



28.7609, 0.2909, 0.3640



28.7609, 0.2562, 0.3143

Sweetspot

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



28.7622, 0.3330, 0.2974



68.1110, 0.3183, 0.3193



27.0520, 0.2923, 0.2705



14.9896, 0.3188, 0.3185



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.



28.7622, 0.3330, 0.2974



47.6563, 0.3388, 0.2899



28.1521, 0.3545, 0.3253



8.0881, 0.3202, 0.3163



7.1792, 0.4662, 0.2342



0.2105, 0.4114, 0.2040

Inverse Universe

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



28.7622, 0.3330, 0.2974



47.6563, 0.3388, 0.2899



38.3789, 0.2820, 0.3328



8.0881, 0.3202, 0.3163



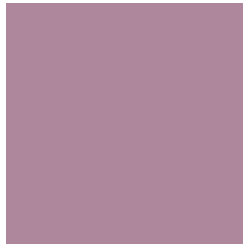
7.1792, 0.4662, 0.2342



0.2105, 0.4114, 0.2040

Previews

White Background



This preview shows how the Yxy color 28.7609, 0.3330, 0.2974 looks on a white background.

Color Contrast Check

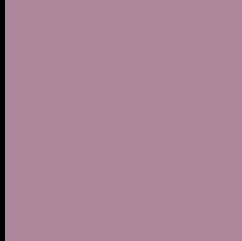
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7609, 0.3330, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

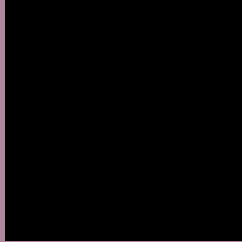
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7609, 0.3330, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 28.7609, 0.3330, 0.2974.



This preview shows how white text looks on a background with the Yxy color 28.7609, 0.3330, 0.2974.

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

28.7609, 0.3330, 0.2974

Protanopia

28.8244, 0.2948, 0.3009

Deuteranopia

28.8142, 0.3137, 0.3076



Tritanopia

28.8821, 0.3424, 0.3145

Trichromacy



Original Color

28.7609, 0.3330, 0.2974

Protanomaly

28.5915, 0.3078, 0.2986

Deuteranomaly

28.6521, 0.3215, 0.3036

Tritanomaly

28.7269, 0.3382, 0.3072

Monochromacy



Original Color

28.7609, 0.3330, 0.2974

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.4826, 0.3196, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7609, 0.3330, 0.2974 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, 135, 157)` looks like.

```
.text, #text, p{  
  color:rgb(174, 135, 157)  
}
```

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, 135, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 135, 157) }
```

Border

The CSS property to change the border of an element to Yxy 28.7609, 0.3330, 0.2974 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, 135, 157) }
```

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

```
.border{ border-color:rgb(174, 135, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 135, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 135, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 135, 157);  
box-shadow:4px 4px 4px 4px rgb(174, 135,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7609, 0.3330, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 135, 157) }
```

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

```
.background{ background-color: rgb(174,  
135, 157) }
```

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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