

Converting Colors

$Y_{xy}(28.5365, 0.3155, 0.2697)$

Have a look what the booklet for
Yxy(28.5365, 0.3155, 0.2697)
contains.

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Color

Yxy(28.5572, 0.3155, 0.2702)

Conversions

Conversions Part 1

Format	Color
Hex	AE84AE
RGB	174, 132, 174
RGB Percent	68%, 52%, 68%
CMY	0.3176, 0.4823, 0.3177
CMYK	0.00, 0.24, 0.00, 0.32
HSL	300°, 21%, 60%
HSV	300°, 24%, 68%
XYZ	33.3449, 28.5572, 43.7870
YIQ	149.3460, 11.5500, 21.9660

Conversions

Conversions Part 2

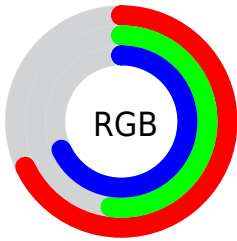
Format	Color
RYB	174, 132, 174
Decimal	11437230
CIELab	60.39, 23.38, -15.92
CIElCh	60, 28.285, 325.748
Yxy	28.5572, 0.3155, 0.2702
Android (android.graphics.Color)	4289627310 (0xFFAE84AE)
YUV	149.3460, 12.1544, 21.6216
Hunter-Lab	53.4389, 17.8626, -11.1740

Details

The Yxy color **28.5572, 0.3155, 0.2702** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.8454, 0.3096, 0.3958**, and the grayscale version is **30.1528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.2341, 0.3150, 0.2805**, and **11.5047, 0.3148, 0.2512** is the 20% darker color. If you saturate the color by 10%, you get **24.2256, 0.3166, 0.2460**, and if you desaturate by 10%, it is **33.6784, 0.3143, 0.2948**.

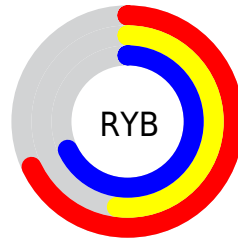
Distribution



Red (68%)

Green (52%)

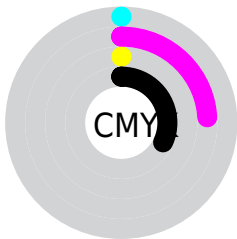
Blue (68%)



Red (68%)

Yellow (52%)

Blue (68%)

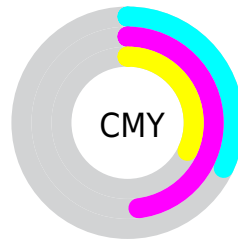


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (32%)



Cyan (32%)


Magenta (48%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5572, 0.3155, 0.2702 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 28.5572, 0.3155, 0.2702 by changing the saturation by 10% instead.


 28.5572, 0.3155,
0.2702


 28.5572, 0.3155,
0.2702


295.1199, 0.3146,
0.3006


 18.7461, 0.3156,
0.2623


 57.3728, 0.3153,
0.2815

 11.4870, 0.3155,
0.2520


 77.1461, 0.3152,
0.2856

 6.3954, 0.3152,
0.2380


 101.0090, 0.3150,
0.2891

 3.0870, 0.3143,
0.2180

129.3457, 0.3149,
0.2921

 1.1773, 0.3116,
0.1871

162.5408, 0.3148,
0.2947

 0.0430, 0.3346,
0.0235

200.9786, 0.3147,

 0.0000, 0.0000,

0.2969

0.0000

245.0435, 0.3146,
0.2989

■ 28.5572, 0.3155,
0.2702

■ 28.5572, 0.3155,
0.2702

■ 24.2256, 0.3166,
0.2460

■ 33.6784, 0.3143,
0.2948

■ 20.6409, 0.3177,
0.2232

■ 39.6217, 0.3132,
0.3192

■ 17.7619, 0.3187,
0.2026

■ 46.4224, 0.3121,
0.3426

■ 15.5421, 0.3196,
0.1851

■ 54.1127, 0.3110,
0.3649

■ 13.9293, 0.3202,
0.1714

■ 62.7230, 0.3100,
0.3856

■ 12.8636, 0.3207,
0.1618

■ 72.2823, 0.3091,
0.4047

■ 12.2728, 0.3210,
0.1563

■ 82.8184, 0.3083,
0.4222

■ 12.0510, 0.3211,
0.1542

■ 83.5769, 0.3083,
0.4233

■ 83.5773, 0.3083,
0.4233

Harmonies

Analogous

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



28.5572, 0.2712, 0.2556



28.5572, 0.3155, 0.2702



28.5572, 0.3622, 0.2978

Triad

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



28.5572, 0.3155, 0.2702



28.5572, 0.3879, 0.4005



28.5572, 0.2355, 0.3155

Complementary

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



28.5572, 0.3155, 0.2702



36.8454, 0.3096, 0.3958

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.



28.5572, 0.2628, 0.3618



28.5572, 0.3155, 0.2702



28.5572, 0.3505, 0.4133

Square

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



28.5572, 0.3155, 0.2702



28.5572, 0.4055, 0.3702



28.5572, 0.3046, 0.3997



28.5572, 0.2277, 0.2780

Rectangle

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



28.5572, 0.3155, 0.2702



28.5572, 0.3872, 0.3210



28.5572, 0.3046, 0.3997



28.5572, 0.2426, 0.3307

Sweetspot

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



28.5584, 0.3155, 0.2702



68.4857, 0.3135, 0.3120



24.4667, 0.2723, 0.2622



15.0795, 0.3136, 0.3105



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.



28.5584, 0.3155, 0.2702



47.4008, 0.3161, 0.2571



27.8034, 0.3379, 0.2986



8.1480, 0.3138, 0.3067



8.7406, 0.3211, 0.1542



0.2432, 0.3210, 0.1542

Inverse Universe

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



28.5584, 0.3155, 0.2702



47.4008, 0.3161, 0.2571



37.4786, 0.2933, 0.3616



8.1480, 0.3138, 0.3067



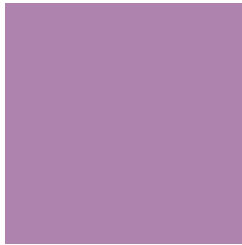
8.7406, 0.3211, 0.1542



0.2432, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 28.5572, 0.3155, 0.2702 looks on a white background.

Color Contrast Check

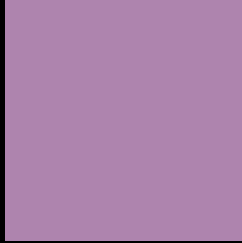
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5572, 0.3155, 0.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

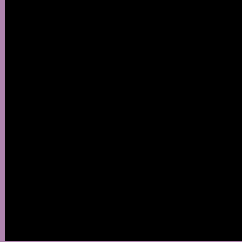
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5572, 0.3155, 0.2702

Background



This preview shows how black text looks on a background with the Yxy color 28.5572, 0.3155, 0.2702.



This preview shows how white text looks on a background with the Yxy color 28.5572, 0.3155, 0.2702.

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

28.5572, 0.3155, 0.2702

Protanopia

28.6838, 0.2712, 0.2697

Deuteranopia

28.5276, 0.2896, 0.2834



Tritanopia

28.5755, 0.3379, 0.3128

Trichromacy



Original Color

28.5572, 0.3155, 0.2702

Protanomaly

28.5355, 0.2853, 0.2696

Deuteranomaly

28.3622, 0.2985, 0.2772

Tritanomaly

28.4202, 0.3297, 0.2970

Monochromacy



Original Color

28.5572, 0.3155, 0.2702

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 28.5572, 0.3155, 0.2702 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, 132, 174)` looks like.

```
.text, #text, p{  
    color:rgb(174, 132, 174)  
}
```

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, 132, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 132, 174) }
```

Border

The CSS property to change the border of an element to Yxy 28.5572, 0.3155, 0.2702 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, 132, 174) }
```

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

```
.border{ border-color:rgb(174, 132, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 132, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 132, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 132, 174);  
box-shadow:4px 4px 4px 4px rgb(174, 132,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5572, 0.3155, 0.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 132, 174) }
```

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

```
.background{ background-color: rgb(174,  
132, 174) }
```

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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