

Converting Colors

$Yxy(28.6823, 0.3448, 0.3145)$

Have a look what the booklet for
Yxy(28.6823, 0.3448, 0.3145)
contains.

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Color

Yxy(28.6823, 0.3448, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	AE8892
RGB	174, 136, 146
RGB Percent	68%, 53%, 57%
CMY	0.3177, 0.4666, 0.4275
CMYK	0.00, 0.22, 0.16, 0.32
HSL	344°, 19%, 61%
HSV	344°, 22%, 68%
XYZ	31.4457, 28.6823, 31.0717
YIQ	148.5020, 19.4380, 11.1660

Conversions

Conversions Part 2

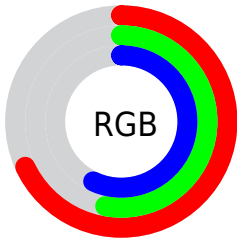
Format	Color
RYB	174, 136, 146
Decimal	11438226
CIELab	60.50, 16.07, 0.22
CIELCh	61, 16.074, 0.796
Yxy	28.6823, 0.3448, 0.3145
Android (android.graphics.Color)	4289628306 (0xFFAE8892)
YUV	148.5020, -1.2335, 22.3617
Hunter-Lab	53.5559, 11.0846, 3.0906

Details

The Yxy color **28.6823, 0.3448, 0.3145** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1826, 0.2883, 0.3441**, and the grayscale version is **29.8344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.3883, 0.3382, 0.3168**, and **11.5651, 0.3554, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **23.7968, 0.3650, 0.3074**, and if you desaturate by 10%, it is **34.4107, 0.3283, 0.3214**.

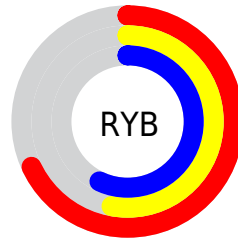
Distribution



Red (68%)

Green (53%)

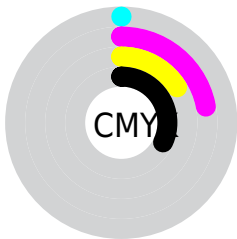
Blue (57%)



Red (68%)

Yellow (53%)

Blue (57%)

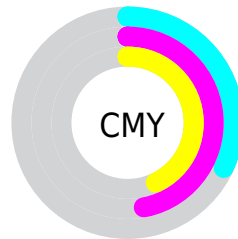


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (32%)



Cyan (32%)


Magenta (47%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.6823, 0.3448, 0.3145 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 28.6823, 0.3448, 0.3145 by changing the saturation by 10% instead.


 28.6823, 0.3448,
0.3145


 28.6823, 0.3448,
0.3145


295.7130, 0.3275,
0.3224

 18.8406, 0.3496,
0.3123


 57.5719, 0.3381,
0.3175

 11.5552, 0.3562,
0.3093


 77.3887, 0.3358,
0.3186

 6.4416, 0.3655,
0.3051

 101.2992, 0.3338,
0.3195

 3.1154, 0.3799,
0.2985

129.6880, 0.3321,
0.3203

 1.1923, 0.4050,
0.2870

162.9394, 0.3307,
0.3209

 0.0554, 0.8164,
0.1016

201.4377, 0.3295,

 0.0000, 0.0000,

0.3215

0.0000

245.5675, 0.3284,
0.3219

■ 28.6823, 0.3448,
0.3145

■ 28.6823, 0.3448,
0.3145

■ 23.7968, 0.3650,
0.3074

■ 34.4107, 0.3283,
0.3214

■ 19.7105, 0.3894,
0.3005

■ 41.0152, 0.3149,
0.3279

■ 16.3817, 0.4184,
0.2943


■ 48.5321, 0.3039,
0.3339


■ 13.7632, 0.4520,
0.2896


■ 56.9944, 0.2950,
0.3394


■ 11.8026, 0.4889,
0.2875


■ 66.4333, 0.2877,
0.3445

 10.4402, 0.5269,
0.2890

 76.8788, 0.2817,
0.3490

 9.6051, 0.5624,
0.2947

 86.5593, 0.2764,
0.3502

 9.1926, 0.5878,
0.3012

 87.3307, 0.2702,
0.3359

 87.7372, 0.2671,
0.3289

Harmonies

Analogous

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



28.6823, 0.3194, 0.2966



28.6823, 0.3448, 0.3145



28.6823, 0.3616, 0.3364

Triad

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



28.6823, 0.3448, 0.3145



28.6823, 0.3309, 0.3756



28.6823, 0.2633, 0.2977

Complementary

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



28.6823, 0.3448, 0.3145



38.1826, 0.2883, 0.3441

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.



28.6823, 0.2661, 0.3183



28.6823, 0.3448, 0.3145



28.6823, 0.3044, 0.3649

Square

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



28.6823, 0.3448, 0.3145



28.6823, 0.3532, 0.3723



28.6823, 0.2809, 0.3433



28.6823, 0.2729, 0.2866

Rectangle

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



28.6823, 0.3448, 0.3145



28.6823, 0.3653, 0.3509



28.6823, 0.2809, 0.3433



28.6823, 0.2628, 0.3037

Sweetspot

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



28.6836, 0.3448, 0.3145



67.8616, 0.3217, 0.3245



28.5443, 0.3046, 0.2741



14.9299, 0.3224, 0.3241



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.



28.6836, 0.3448, 0.3145



47.7451, 0.3536, 0.3112



30.9866, 0.3533, 0.3421



8.0487, 0.3247, 0.3231



6.6771, 0.5850, 0.2996



0.1948, 0.4999, 0.2528

Inverse Universe

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



28.6836, 0.3448, 0.3145



47.7451, 0.3536, 0.3112



35.2463, 0.2799, 0.3155



8.0487, 0.3247, 0.3231



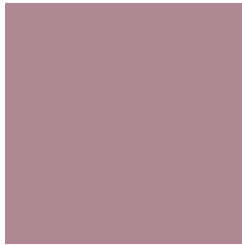
6.6771, 0.5850, 0.2996



0.1948, 0.4999, 0.2528

Previews

White Background



This preview shows how the Yxy color 28.6823, 0.3448, 0.3145 looks on a white background.

Color Contrast Check

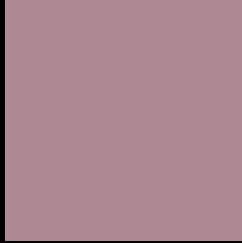
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6823, 0.3448, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

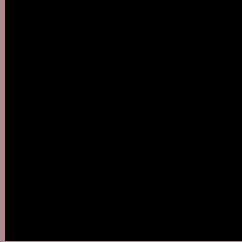
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6823, 0.3448, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 28.6823, 0.3448, 0.3145.



This preview shows how white text looks on a background with the Yxy color 28.6823, 0.3448, 0.3145.

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

28.6823, 0.3448, 0.3145

Protanopia

28.6882, 0.3090, 0.3195

Deuteranopia

28.6712, 0.3304, 0.3229



Tritanopia

28.6823, 0.3448, 0.3145

Trichromacy



Original Color

28.6823, 0.3448, 0.3145

Protanomaly

28.6840, 0.3218, 0.3183

Deuteranomaly

28.6166, 0.3363, 0.3201

Tritanomaly

28.6823, 0.3448, 0.3145

Monochromacy



Original Color

28.6823, 0.3448, 0.3145

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.3537, 0.3236, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6823, 0.3448, 0.3145 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, 136, 146)` looks like.

```
.text, #text, p{  
    color:rgb(174, 136, 146)  
}
```

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, 136, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 136, 146) }
```

Border

The CSS property to change the border of an element to Yxy 28.6823, 0.3448, 0.3145 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, 136, 146) }
```

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

```
.border{ border-color:rgb(174, 136, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 136, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 136, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 136, 146);  
box-shadow:4px 4px 4px 4px rgb(174, 136,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 28.6823, 0.3448, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 136, 146) }
```

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

```
.background{ background-color: rgb(174,  
136, 146) }
```

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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