

Converting Colors

$Yxy(28.6883, 0.3292, 0.3023)$

Have a look what the booklet for
Yxy(28.6883, 0.3292, 0.3023)
contains.

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Color

Yxy(28.6929, 0.3293, 0.3026)

Conversions

Conversions Part 1

Format	Color
Hex	A9899B
RGB	169, 137, 155
RGB Percent	66%, 54%, 61%
CMY	0.3372, 0.4627, 0.3921
CMYK	0.00, 0.19, 0.08, 0.34
HSL	326°, 16%, 60%
HSV	326°, 19%, 66%
XYZ	31.2246, 28.6929, 34.9037
YIQ	148.6200, 13.2940, 12.3820

Conversions

Conversions Part 2

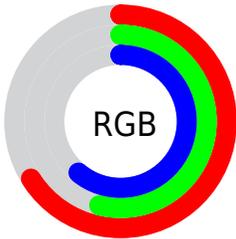
Format	Color
RYB	169, 137, 155
Decimal	11110811
CIELab	60.51, 15.22, -4.96
CIELCh	61, 16.009, 341.933
Yxy	28.6929, 0.3293, 0.3026
Android (android.graphics.Color)	4289300891 (0xFFA9899B)
YUV	148.6200, 3.1453, 17.8733
Hunter-Lab	53.5658, 10.3114, -1.1376

Details

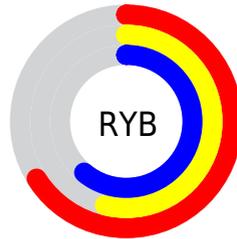
The Yxy color **28.6929, 0.3293, 0.3026** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.9300, 0.2990, 0.3570**, and the grayscale version is **29.8702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7123, 0.3258, 0.3089**, and **11.5978, 0.3355, 0.2938** is the 20% darker color. If you saturate the color by 10%, you get **24.0188, 0.3405, 0.2879**, and if you desaturate by 10%, it is **34.1374, 0.3198, 0.3169**.

Distribution



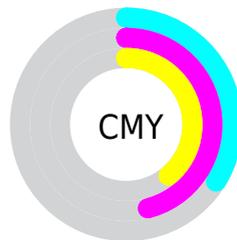
- Red (66%)
- Green (54%)
- Blue (61%)



- Red (66%)
- Yellow (54%)
- Blue (61%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (34%)



- Cyan (34%)
- Magenta (46%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.6929, 0.3293, 0.3026 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 28.6929, 0.3293, 0.3026 by changing the saturation by 10% instead.

 28.6929, 0.3293,
0.3026

 28.6929, 0.3293,
0.3026

295.7632, 0.3205,
0.3166

 18.8486, 0.3317,
0.2988

 57.5888, 0.3260,
0.3079

 11.5610, 0.3349,
0.2938

 77.4092, 0.3247,
0.3098

 6.4455, 0.3394,
0.2867

 101.3238, 0.3237,
0.3114

 3.1178, 0.3462,
0.2762

129.7170, 0.3229,
0.3128

 1.1935, 0.3577,
0.2586

162.9731, 0.3221,
0.3139

 0.0564, 0.4777,
0.0634

201.4766, 0.3215,

 0.0000, 0.0000,

0.3149

0.0000

245.6118, 0.3210,
0.3158

■ 28.6929, 0.3293,
0.3026

■ 28.6929, 0.3293,
0.3026

■ 24.0188, 0.3405,
0.2879

■ 34.1374, 0.3198,
0.3169

■ 20.0760, 0.3537,
0.2733

■ 40.3814, 0.3119,
0.3304

■ 16.8278, 0.3690,
0.2594

■ 47.4571, 0.3054,
0.3431

■ 14.2328, 0.3862,
0.2471

■ 55.3938, 0.2999,
0.3549

■ 12.2451, 0.4052,
0.2376

■ 64.2195, 0.2954,
0.3657

■ 10.8128, 0.4254,
0.2319

■ 73.9608, 0.2916,
0.3757

■ 9.8752, 0.4459,
0.2311

■ 84.4486, 0.2884,
0.3845

■ 9.3162, 0.4662,
0.2349

■ 84.8182, 0.2847,
0.3756

■ 9.2627, 0.4684,
0.2354

■ 85.2050, 0.2809,
0.3669

Harmonies

Analogous

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



28.6929, 0.3026, 0.2893



28.6929, 0.3293, 0.3026



28.6929, 0.3522, 0.3224

Triad

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



28.6929, 0.3293, 0.3026



28.6929, 0.3457, 0.3749



28.6929, 0.2638, 0.3099

Complementary

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



28.6929, 0.3293, 0.3026



35.9300, 0.2990, 0.3570

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.



28.6929, 0.2743, 0.3340



28.6929, 0.3293, 0.3026



28.6929, 0.3212, 0.3730

Square

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



28.6929, 0.3293, 0.3026



28.6929, 0.3618, 0.3639



28.6929, 0.2951, 0.3577



28.6929, 0.2656, 0.2925

Rectangle

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



28.6929, 0.3293, 0.3026



28.6929, 0.3618, 0.3372



28.6929, 0.2951, 0.3577



28.6929, 0.2660, 0.3175

Sweetspot

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



28.6942, 0.3293, 0.3026



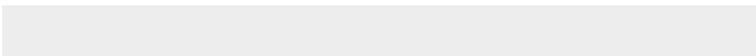
64.1494, 0.3175, 0.3208



27.3237, 0.2960, 0.2804



13.8370, 0.3180, 0.3199



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



28.6942, 0.3293, 0.3026



47.4728, 0.3341, 0.2961



28.1956, 0.3465, 0.3259



7.6103, 0.3201, 0.3164



6.9141, 0.4664, 0.2343



0.1782, 0.4068, 0.2014

Inverse Universe

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



28.6942, 0.3293, 0.3026



47.4728, 0.3341, 0.2961



36.4807, 0.2865, 0.3322



7.6103, 0.3201, 0.3164



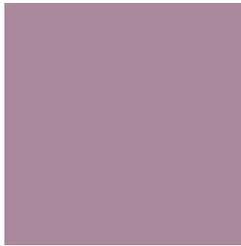
6.9141, 0.4664, 0.2343



0.1782, 0.4068, 0.2014

Previews

White Background



This preview shows how the Yxy color 28.6929, 0.3293, 0.3026 looks on a white background.

Color Contrast Check

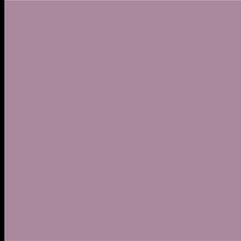
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6929, 0.3293, 0.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

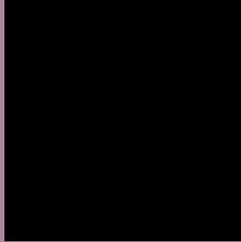
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.6929, 0.3293, 0.3026

Background



This preview shows how black text looks on a background with the Yxy color 28.6929, 0.3293, 0.3026.



This preview shows how white text looks on a background with the Yxy color 28.6929, 0.3293, 0.3026.

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

28.6929, 0.3293, 0.3026

Protanopia

28.8086, 0.2985, 0.3055

Deuteranopia

28.8472, 0.3168, 0.3107



Tritanopia

28.6717, 0.3344, 0.3127

Trichromacy



Original Color

28.6929, 0.3293, 0.3026

Protanomaly

28.6846, 0.3097, 0.3045

Deuteranomaly

28.6663, 0.3212, 0.3079

Tritanomaly

28.7362, 0.3323, 0.3098

Monochromacy



Original Color

28.6929, 0.3293, 0.3026

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5531, 0.3184, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.6929, 0.3293, 0.3026 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(169, 137, 155)` looks like.

```
.text, #text, p{  
    color:rgb(169, 137, 155)  
}
```

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(169, 137, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 137, 155) }
```

Border

The CSS property to change the border of an element to Yxy 28.6929, 0.3293, 0.3026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

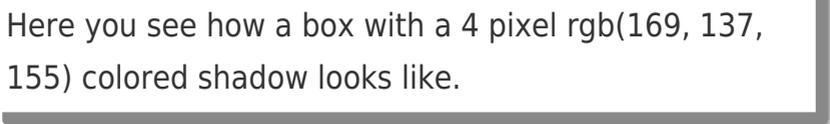
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 137, 155) }
```

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

```
.border{ border-color:rgb(169, 137, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 137, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 137, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 137, 155);  
box-shadow:4px 4px 4px 4px rgb(169, 137,  
155) }
```

Background

The CSS property to change the background color of an element to Yxy 28.6929, 0.3293, 0.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 137, 155) }
```

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

```
.background{ background-color: rgb(169,  
137, 155) }
```

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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