

Converting Colors

$Y_{xy}(28.1233, 0.3314, 0.3027)$

Have a look what the booklet for
Yxy(28.1233, 0.3314, 0.3027)
contains.

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Color

Yxy(28.0629, 0.3317, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	A98799
RGB	169, 135, 153
RGB Percent	66%, 53%, 60%
CMY	0.3374, 0.4705, 0.4000
CMYK	0.00, 0.20, 0.09, 0.34
HSL	328°, 16%, 60%
HSV	328°, 20%, 66%
XYZ	30.7718, 28.0629, 33.9352
YIQ	147.2180, 14.4860, 12.8060

Conversions

Conversions Part 2

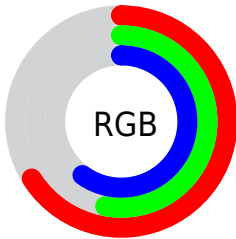
Format	Color
R _Y B	169, 135, 153
Decimal	11110297
CIE Lab	59.95, 15.98, -4.66
CIE LCh	60, 16.641, 343.740
Yxy	28.0629, 0.3317, 0.3025
Android (android.graphics.Color)	4289300377 (0xFFA98799)
YUV	147.2180, 2.8505, 19.1028
Hunter-Lab	52.9744, 10.9818, -0.8989

Details

The Yxy color **28.0629, 0.3317, 0.3025** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.7511, 0.2973, 0.3571**, and the grayscale version is **29.2559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4790, 0.3285, 0.3077**, and **11.2382, 0.3392, 0.2936** is the 20% darker color. If you saturate the color by 10%, you get **23.4628, 0.3440, 0.2886**, and if you desaturate by 10%, it is **33.4313, 0.3214, 0.3160**.

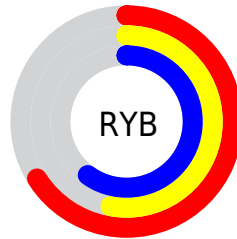
Distribution



Red (66%)

Green (53%)

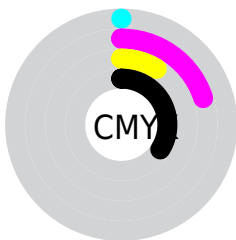
Blue (60%)



Red (66%)

Yellow (53%)

Blue (60%)

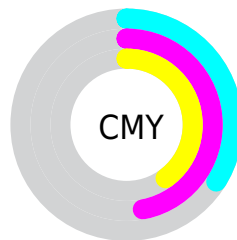


Cyan (0%)

Magenta (20%)

Yellow (9%)

Black (34%)



Cyan (34%)


Magenta (47%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0629, 0.3317, 0.3025 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 28.0629, 0.3317, 0.3025 by changing the saturation by 10% instead.


 28.0629, 0.3317,
0.3025


 28.0629, 0.3317,
0.3025


292.7674, 0.3215,
0.3166


 18.3731, 0.3345,
0.2987


 56.5848, 0.3278,
0.3078

 11.2182, 0.3382,
0.2936


 76.1858, 0.3264,
0.3098

 6.2138, 0.3435,
0.2864


 99.8592, 0.3253,
0.3114

 2.9755, 0.3515,
0.2755

127.9895, 0.3243,
0.3128

 1.1190, 0.3652,
0.2574

160.9610, 0.3235,
0.3139

 0.0000, 0.5462,
0.0000

199.1583, 0.3227,

 0.0000, 0.0000,

0.3149

0.0000

242.9656, 0.3221,
0.3158

■ 28.0629, 0.3317,
0.3025

■ 28.0629, 0.3317,
0.3025

■ 23.4628, 0.3440,
0.2886

■ 33.4313, 0.3214,
0.3160

■ 19.5918, 0.3584,
0.2748

■ 39.5975, 0.3128,
0.3289

■ 16.4126, 0.3752,
0.2618

■ 46.5939, 0.3056,
0.3409

■ 13.8833, 0.3943,
0.2505

■ 54.4502, 0.2997,
0.3521

■ 11.9574, 0.4152,
0.2420

■ 63.1945, 0.2948,
0.3624

■ 10.5821, 0.4375,
0.2376

■ 72.8535, 0.2908,
0.3718

■ 9.6953, 0.4600,
0.2381

■ 83.4529, 0.2874,
0.3805

■ 9.1622, 0.4820,
0.2429

■ 84.9384, 0.2834,
0.3728

■ 85.3607, 0.2794,
0.3634

Harmonies

Analogous

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



28.0629, 0.3037, 0.2881



28.0629, 0.3317, 0.3025



28.0629, 0.3553, 0.3235

Triad

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



28.0629, 0.3317, 0.3025



28.0629, 0.3459, 0.3774



28.0629, 0.2613, 0.3076

Complementary

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



28.0629, 0.3317, 0.3025



35.7511, 0.2973, 0.3571

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.



28.0629, 0.2715, 0.3326



28.0629, 0.3317, 0.3025



28.0629, 0.3198, 0.3746

Square

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



28.0629, 0.3317, 0.3025



28.0629, 0.3634, 0.3665



28.0629, 0.2927, 0.3578



28.0629, 0.2640, 0.2900

Rectangle

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



28.0629, 0.3317, 0.3025



28.0629, 0.3648, 0.3389



28.0629, 0.2927, 0.3578



28.0629, 0.2633, 0.3154

Sweetspot

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



28.0641, 0.3317, 0.3025



64.1276, 0.3178, 0.3212



26.7616, 0.2960, 0.2773



13.8318, 0.3183, 0.3204



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.



28.0641, 0.3317, 0.3025



46.5428, 0.3368, 0.2965



27.5457, 0.3504, 0.3274



7.6063, 0.3206, 0.3171



6.8420, 0.4798, 0.2417



0.1767, 0.4145, 0.2057

Inverse Universe

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



28.0641, 0.3317, 0.3025



46.5428, 0.3368, 0.2965



36.3386, 0.2842, 0.3306



7.6063, 0.3206, 0.3171



6.8420, 0.4798, 0.2417



0.1767, 0.4145, 0.2057

Previews

White Background



This preview shows how the Yxy color 28.0629, 0.3317, 0.3025 looks on a white background.

Color Contrast Check

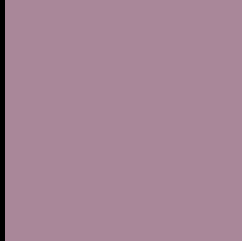
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0629, 0.3317, 0.3025 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 28.0629, 0.3317, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 28.0629, 0.3317, 0.3025.



This preview shows how white text looks on a background with the Yxy color 28.0629, 0.3317, 0.3025.

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

28.0629, 0.3317, 0.3025

Protanopia

28.2548, 0.2984, 0.3068

Deuteranopia

27.9917, 0.3168, 0.3105



Tritanopia

28.0397, 0.3370, 0.3127

Trichromacy



Original Color

28.0629, 0.3317, 0.3025

Protanomaly

28.1255, 0.3096, 0.3058

Deuteranomaly

27.9175, 0.3224, 0.3077

Tritanomaly

28.1031, 0.3348, 0.3097

Monochromacy



Original Color

28.0629, 0.3317, 0.3025

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.7834, 0.3195, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0629, 0.3317, 0.3025 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, 135, 153)` looks like.

```
.text, #text, p{  
    color:rgb(169, 135, 153)  
}
```

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, 135, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 135, 153) }
```

Border

The CSS property to change the border of an element to Yxy 28.0629, 0.3317, 0.3025 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, 135, 153) }
```

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

```
.border{ border-color:rgb(169, 135, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 135, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 135, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 135, 153);  
box-shadow:4px 4px 4px 4px rgb(169, 135,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0629, 0.3317, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 135, 153) }
```

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

```
.background{ background-color: rgb(169,  
135, 153) }
```

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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