

Converting Colors

$Y_{xy}(27.9265, 0.3440, 0.3141)$

Have a look what the booklet for
Yxy(27.9265, 0.3440, 0.3141)
contains.

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Color

Yxy(27.8652, 0.3441, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	AC8691
RGB	172, 134, 145
RGB Percent	67%, 53%, 57%
CMY	0.3256, 0.4744, 0.4314
CMYK	0.00, 0.22, 0.16, 0.33
HSL	343°, 19%, 60%
HSV	343°, 22%, 67%
XYZ	30.6437, 27.8652, 30.5457
YIQ	146.6160, 19.1170, 11.4770

Conversions

Conversions Part 2

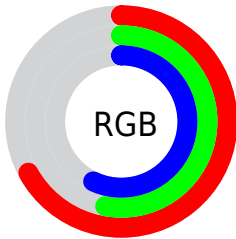
Format	Color
RYB	172, 134, 145
Decimal	11306641
CIELab	59.77, 16.27, -0.29
CIElCh	60, 16.272, 358.965
Yxy	27.8652, 0.3441, 0.3129
Android (android.graphics.Color)	4289496721 (0xFFAC8691)
YUV	146.6160, -0.7967, 22.2618
Hunter-Lab	52.7875, 11.2430, 2.6428

Details

The Yxy color **27.8652, 0.3441, 0.3129** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.1376, 0.2888, 0.3458**, and the grayscale version is **29.0080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1581, 0.3376, 0.3156**, and **11.0888, 0.3546, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **23.1351, 0.3636, 0.3051**, and if you desaturate by 10%, it is **33.4115, 0.3281, 0.3205**.

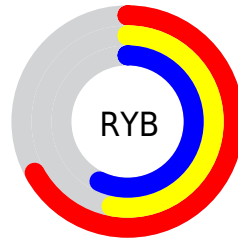
Distribution



Red (67%)

Green (53%)

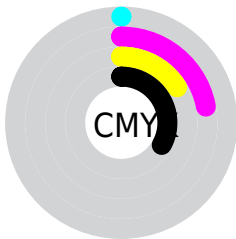
Blue (57%)



Red (67%)

Yellow (53%)

Blue (57%)

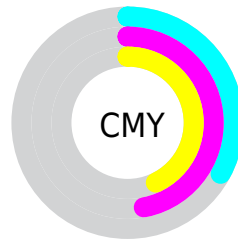


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8652, 0.3441, 0.3129 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 27.8652, 0.3441, 0.3129 by changing the saturation by 10% instead.


 27.8652, 0.3441,
0.3129


 27.8652, 0.3441,
0.3129


291.8222, 0.3271,
0.3216


 18.2241, 0.3489,
0.3105


 56.2692, 0.3376,
0.3163

 11.1110, 0.3553,
0.3072


 75.8008, 0.3352,
0.3175

 6.1415, 0.3646,
0.3024

 99.3980, 0.3333,
0.3185

 2.9313, 0.3790,
0.2951

127.4452, 0.3316,
0.3193

 1.0960, 0.4043,
0.2823

160.3269, 0.3302,
0.3200

 0.0000, 1.0000,
0.0000


198.4273, 0.3290,

 0.0000, 0.0000,


0.3206


0.0000

242.1310, 0.3280,
0.3212

 27.8652, 0.3441,
0.3129


 27.8652, 0.3441,
0.3129

 23.1351, 0.3636,
0.3051


 33.4115, 0.3281,
0.3205


 19.1787, 0.3871,
0.2975


 39.8063, 0.3151,
0.3276


 15.9557, 0.4150,
0.2907

 47.0845, 0.3045,
0.3342

 13.4204, 0.4472,
0.2855

 55.2783, 0.2958,
0.3403

 11.5218, 0.4827,
0.2829

 64.4180, 0.2886,
0.3459

■ 10.2018, 0.5194,
0.2841

■ 74.5325, 0.2828,
0.3510

■ 9.3918, 0.5541,
0.2898

■ 85.6496, 0.2779,
0.3556

■ 8.9952, 0.5788,
0.2962

■ 86.7467, 0.2719,
0.3423

■ 87.5075, 0.2661,
0.3289

Harmonies

Analogous

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



27.8652, 0.3179, 0.2950



27.8652, 0.3441, 0.3129



27.8652, 0.3621, 0.3352

Triad

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



27.8652, 0.3441, 0.3129



27.8652, 0.3329, 0.3769



27.8652, 0.2620, 0.2981

Complementary

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



27.8652, 0.3441, 0.3129



37.1376, 0.2888, 0.3458

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.



27.8652, 0.2657, 0.3195



27.8652, 0.3441, 0.3129



27.8652, 0.3059, 0.3668

Square

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



27.8652, 0.3441, 0.3129



27.8652, 0.3551, 0.3726



27.8652, 0.2815, 0.3452



27.8652, 0.2711, 0.2860

Rectangle

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



27.8652, 0.3441, 0.3129



27.8652, 0.3664, 0.3501



27.8652, 0.2815, 0.3452



27.8652, 0.2618, 0.3043

Sweetspot

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



27.8665, 0.3441, 0.3129



66.1771, 0.3214, 0.3240



27.5666, 0.3032, 0.2733



14.2398, 0.3221, 0.3236



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



27.8665, 0.3441, 0.3129



46.6196, 0.3522, 0.3095



29.7189, 0.3542, 0.3404



8.0520, 0.3243, 0.3225



6.7048, 0.5762, 0.2948



0.1961, 0.4903, 0.2475

Inverse Universe

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



27.8665, 0.3441, 0.3129



46.6196, 0.3522, 0.3095



34.7349, 0.2797, 0.3173



8.0520, 0.3243, 0.3225



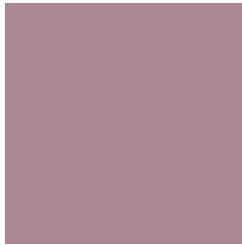
6.7048, 0.5762, 0.2948



0.1961, 0.4903, 0.2475

Previews

White Background



This preview shows how the Yxy color 27.8652, 0.3441, 0.3129 looks on a white background.

Color Contrast Check

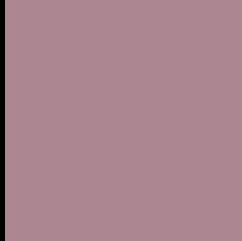
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8652, 0.3441, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

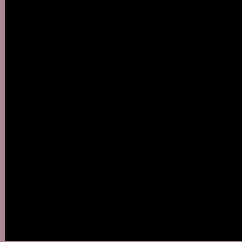
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8652, 0.3441, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 27.8652, 0.3441, 0.3129.



This preview shows how white text looks on a background with the Yxy color 27.8652, 0.3441, 0.3129.

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

27.8652, 0.3441, 0.3129

Protanopia

27.8667, 0.3080, 0.3178

Deuteranopia

28.0389, 0.3283, 0.3229



Tritanopia

27.8345, 0.3452, 0.3143

Trichromacy



Original Color

27.8652, 0.3441, 0.3129

Protanomaly

27.8628, 0.3209, 0.3166

Deuteranomaly

27.9771, 0.3342, 0.3199

Tritanomaly

27.8345, 0.3452, 0.3143

Monochromacy



Original Color

27.8652, 0.3441, 0.3129

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.4892, 0.3238, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8652, 0.3441, 0.3129 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(172, 134, 145)` looks like.

```
.text, #text, p{  
    color:rgb(172, 134, 145)  
}
```

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(172, 134, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 134, 145) }
```

Border

The CSS property to change the border of an element to Yxy 27.8652, 0.3441, 0.3129 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(172, 134, 145) }
```

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

```
.border{ border-color:rgb(172, 134, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 134, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 134, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 134, 145);  
box-shadow:4px 4px 4px 4px rgb(172, 134,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8652, 0.3441, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 134, 145) }
```

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

```
.background{ background-color: rgb(172,  
134, 145) }
```

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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