

Converting Colors

$Y_{xy}(27.5999, 0.3466, 0.3109)$

Have a look what the booklet for
Yxy(27.5999, 0.3466, 0.3109)
contains.

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Color

Yxy(27.5455, 0.3469, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	AE8491
RGB	174, 132, 145
RGB Percent	68%, 52%, 57%
CMY	0.3175, 0.4824, 0.4313
CMYK	0.00, 0.24, 0.17, 0.32
HSL	341°, 21%, 60%
HSV	341°, 24%, 68%
XYZ	30.8243, 27.5455, 30.4866
YIQ	146.0400, 20.8590, 12.9470

Conversions

Conversions Part 2

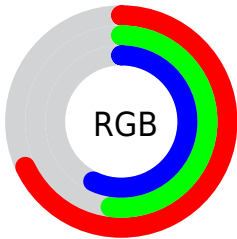
Format	Color
RYB	174, 132, 145
Decimal	11437201
CIELab	59.48, 18.20, -0.71
CIELCh	59, 18.209, 357.762
Yxy	27.5455, 0.3469, 0.3100
Android (android.graphics.Color)	4289627281 (0xFFAE8491)
YUV	146.0400, -0.5127, 24.5209
Hunter-Lab	52.4838, 12.9883, 2.2985

Details

The Yxy color **27.5455, 0.3469, 0.3100** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7636, 0.2873, 0.3489**, and the grayscale version is **28.7592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6444, 0.3396, 0.3134**, and **10.9258, 0.3588, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **22.8632, 0.3666, 0.3017**, and if you desaturate by 10%, it is **33.0569, 0.3307, 0.3182**.

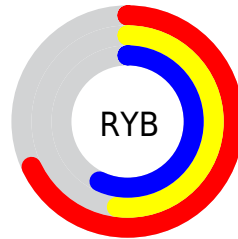
Distribution



Red (68%)

Green (52%)

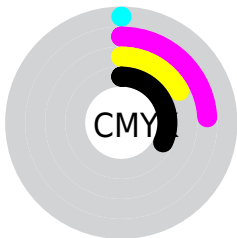
Blue (57%)



Red (68%)

Yellow (52%)

Blue (57%)

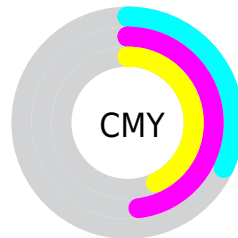


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (32%)



Cyan (32%)


Magenta (48%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5455, 0.3469, 0.3100 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 27.5455, 0.3469, 0.3100 by changing the saturation by 10% instead.


 27.5455, 0.3469,
0.3100


 27.5455, 0.3469,
0.3100


290.2887, 0.3283,
0.3203


 17.9833, 0.3521,
0.3071


 55.7580, 0.3398,
0.3140

 10.9380, 0.3592,
0.3032


 75.1771, 0.3372,
0.3154

 6.0252, 0.3693,
0.2977

 98.6506, 0.3351,
0.3165

 2.8604, 0.3850,
0.2891

126.5630, 0.3333,
0.3175

 1.0593, 0.4127,
0.2741

159.2986, 0.3318,
0.3184

 0.0000, 1.0000,
0.0000

197.2418, 0.3305,

 0.0000, 0.0000,

0.3191

0.0000

240.7771, 0.3293,
0.3197

■ 27.5455, 0.3469,
0.3100

■ 27.5455, 0.3469,
0.3100

■ 22.8632, 0.3666,
0.3017

■ 33.0569, 0.3307,
0.3182

■ 18.9659, 0.3902,
0.2936

■ 39.4310, 0.3175,
0.3259

■ 15.8112, 0.4181,
0.2865


■ 46.7043, 0.3067,
0.3332


■ 13.3513, 0.4500,
0.2813


■ 54.9100, 0.2978,
0.3398

■ 11.5325, 0.4849,
0.2790


■ 64.0797, 0.2906,
0.3459

 10.2932, 0.5205,
0.2809

 74.2432, 0.2846,
0.3515

 9.5596, 0.5537,
0.2875

 85.4295, 0.2797,
0.3566

 9.2683, 0.5717,
0.2923

 86.8797, 0.2738,
0.3442

 87.6218, 0.2680,
0.3309

Harmonies

Analogous

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



27.5455, 0.3171, 0.2904



27.5455, 0.3469, 0.3100



27.5455, 0.3677, 0.3346

Triad

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



27.5455, 0.3469, 0.3100



27.5455, 0.3364, 0.3831



27.5455, 0.2559, 0.2949

Complementary

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



27.5455, 0.3469, 0.3100



37.7636, 0.2873, 0.3489

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.



27.5455, 0.2606, 0.3193



27.5455, 0.3469, 0.3100



27.5455, 0.3061, 0.3725

Square

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



27.5455, 0.3469, 0.3100



27.5455, 0.3611, 0.3774



27.5455, 0.2786, 0.3483



27.5455, 0.2655, 0.2812

Rectangle

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



27.5455, 0.3469, 0.3100



27.5455, 0.3731, 0.3514



27.5455, 0.2786, 0.3483



27.5455, 0.2559, 0.3021

Sweetspot

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



27.5468, 0.3469, 0.3100



67.9000, 0.3211, 0.3237



27.1046, 0.3014, 0.2675



14.9391, 0.3219, 0.3232



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.



27.5468, 0.3469, 0.3100



45.2175, 0.3570, 0.3055



29.3359, 0.3594, 0.3405



8.0547, 0.3240, 0.3220



6.7290, 0.5687, 0.2907



0.1972, 0.4829, 0.2434

Inverse Universe

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



27.5468, 0.3469, 0.3100



45.2175, 0.3570, 0.3055



35.3531, 0.2768, 0.3172



8.0547, 0.3240, 0.3220



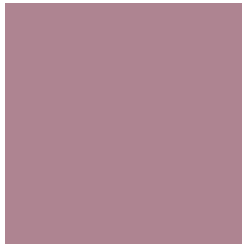
6.7290, 0.5687, 0.2907



0.1972, 0.4829, 0.2434

Previews

White Background



This preview shows how the Yxy color 27.5455, 0.3469, 0.3100 looks on a white background.

Color Contrast Check

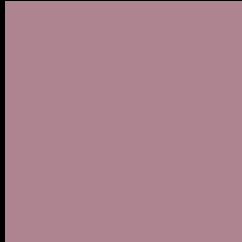
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5455, 0.3469, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

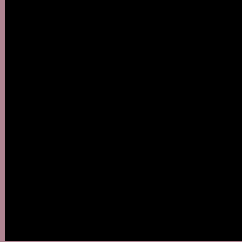
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5455, 0.3469, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 27.5455, 0.3469, 0.3100.



This preview shows how white text looks on a background with the Yxy color 27.5455, 0.3469, 0.3100.

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

27.5455, 0.3469, 0.3100

Protanopia

27.8086, 0.3060, 0.3162

Deuteranopia

27.6470, 0.3274, 0.3213



Tritanopia

27.4844, 0.3492, 0.3129

Trichromacy



Original Color

27.5455, 0.3469, 0.3100

Protanomaly

27.6037, 0.3200, 0.3135

Deuteranomaly

27.4085, 0.3346, 0.3169

Tritanomaly

27.5148, 0.3480, 0.3115

Monochromacy



Original Color

27.5455, 0.3469, 0.3100

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.1930, 0.3239, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5455, 0.3469, 0.3100 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(174, 132, 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(174, 132, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 132, 145) }
```

Border

The CSS property to change the border of an element to Yxy 27.5455, 0.3469, 0.3100 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, 145) }
```

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

```
.border{ border-color:rgb(174, 132, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 132, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 132, 145);  
box-shadow:4px 4px 4px 4px rgb(174, 132,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5455, 0.3469, 0.3100 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, 145) }
```

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

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