

Converting Colors

$Y_{xy}(26.7789, 0.3377, 0.3109)$

Have a look what the booklet for
Yxy(26.7789, 0.3377, 0.3109)
contains.

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Color

Yxy(26.9264, 0.3375, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	A68591
RGB	166, 133, 145
RGB Percent	65%, 52%, 57%
CMY	0.3489, 0.4785, 0.4313
CMYK	0.00, 0.20, 0.13, 0.35
HSL	338°, 16%, 59%
HSV	338°, 20%, 65%
XYZ	29.2302, 26.9264, 30.4513
YIQ	144.2350, 15.8160, 10.7280

Conversions

Conversions Part 2

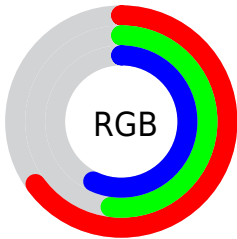
Format	Color
RYB	166, 133, 145
Decimal	10913169
CIELab	58.91, 14.62, -1.64
CIElCh	59, 14.716, 353.591
Yxy	26.9264, 0.3375, 0.3109
Android (android.graphics.Color)	4289103249 (0xFFA68591)
YUV	144.2350, 0.3771, 19.0879
Hunter-Lab	51.8907, 9.7410, 1.5299

Details

The Yxy color **26.9264, 0.3375, 0.3109** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.6031, 0.2930, 0.3479**, and the grayscale version is **27.9851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6135, 0.3318, 0.3142**, and **10.5901, 0.3464, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **22.4246, 0.3541, 0.3012**, and if you desaturate by 10%, it is **32.1795, 0.3238, 0.3203**.

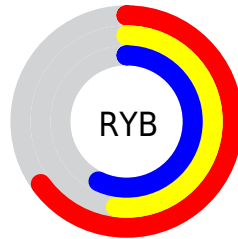
Distribution



Red (65%)

Green (52%)

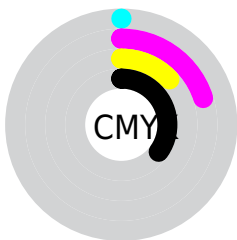
Blue (57%)



Red (65%)

Yellow (52%)

Blue (57%)

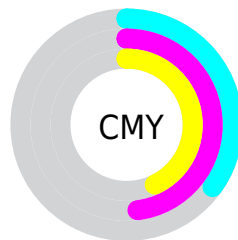


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (35%)



Cyan (35%)


Magenta (48%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9264, 0.3375, 0.3109 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 26.9264, 0.3375, 0.3109 by changing the saturation by 10% instead.


 26.9264, 0.3375,
0.3109


 26.9264, 0.3375,
0.3109


287.3006, 0.3240,
0.3207


 17.5180, 0.3413,
0.3082


 54.7657, 0.3323,
0.3147

 10.6045, 0.3464,
0.3045


 73.9654, 0.3305,
0.3160

 5.8015, 0.3538,
0.2992


 97.1976, 0.3289,
0.3171

 2.7248, 0.3654,
0.2910

124.8468, 0.3276,
0.3181

 0.9898, 0.3859,
0.2768

157.2973, 0.3265,
0.3189

 0.0000, 1.0000,
0.0000

194.9335, 0.3256,

 0.0000, 0.0000,

0.3196

0.0000

238.1398, 0.3247,
0.3202

■ 26.9264, 0.3375,
0.3109

■ 26.9264, 0.3375,
0.3109

■ 22.4246, 0.3541,
0.3012

■ 32.1795, 0.3238,
0.3203

■ 18.6360, 0.3740,
0.2916

■ 38.2125, 0.3126,
0.3291

■ 15.5245, 0.3976,
0.2826

■ 45.0570, 0.3034,
0.3373

■ 13.0495, 0.4249,
0.2751

■ 52.7417, 0.2958,
0.3449

■ 11.1660, 0.4553,
0.2702

■ 61.2940, 0.2896,
0.3518

■ 9.8229, 0.4877,
0.2692

■ 70.7398, 0.2845,
0.3581

■ 8.9604, 0.5198,
0.2729

■ 81.1043, 0.2802,
0.3639

■ 8.4460, 0.5500,
0.2804

■ 85.3153, 0.2755,
0.3577

■ 8.4413, 0.5503,
0.2805

■ 85.9250, 0.2703,
0.3455

Harmonies

Analogous

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



26.9264, 0.3129, 0.2955



26.9264, 0.3375, 0.3109



26.9264, 0.3557, 0.3310

Triad

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



26.9264, 0.3375, 0.3109



26.9264, 0.3354, 0.3729



26.9264, 0.2659, 0.3038

Complementary

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



26.9264, 0.3375, 0.3109



34.6031, 0.2930, 0.3479

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.



26.9264, 0.2714, 0.3246



26.9264, 0.3375, 0.3109



26.9264, 0.3110, 0.3660

Square

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



26.9264, 0.3375, 0.3109



26.9264, 0.3542, 0.3671



26.9264, 0.2877, 0.3478



26.9264, 0.2722, 0.2908

Rectangle

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



26.9264, 0.3375, 0.3109



26.9264, 0.3613, 0.3449



26.9264, 0.2877, 0.3478



26.9264, 0.2664, 0.3100

Sweetspot

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



26.9276, 0.3375, 0.3109



62.3557, 0.3193, 0.3237



26.3885, 0.3020, 0.2788



13.8055, 0.3200, 0.3231



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.



26.9276, 0.3375, 0.3109



44.9731, 0.3446, 0.3065



27.8076, 0.3498, 0.3358



7.5858, 0.3231, 0.3208



6.5514, 0.5479, 0.2792



0.1692, 0.4592, 0.2303

Inverse Universe

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



26.9276, 0.3375, 0.3109



44.9731, 0.3446, 0.3065



33.4494, 0.2832, 0.3221



7.5858, 0.3231, 0.3208



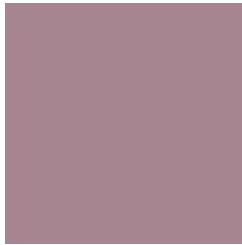
6.5514, 0.5479, 0.2792



0.1692, 0.4592, 0.2303

Previews

White Background



This preview shows how the Yxy color 26.9264, 0.3375, 0.3109 looks on a white background.

Color Contrast Check

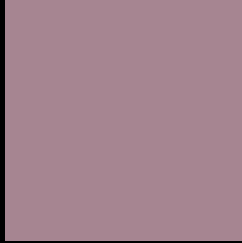
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9264, 0.3375, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

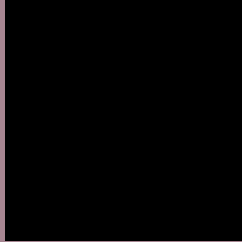
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9264, 0.3375, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 26.9264, 0.3375, 0.3109.



This preview shows how white text looks on a background with the Yxy color 26.9264, 0.3375, 0.3109.

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

26.9264, 0.3375, 0.3109

Protanopia

27.0025, 0.3049, 0.3144

Deuteranopia

27.1591, 0.3253, 0.3196



Tritanopia

26.8957, 0.3386, 0.3124

Trichromacy



Original Color

26.9264, 0.3375, 0.3109

Protanomaly

26.8944, 0.3167, 0.3132

Deuteranomaly

26.9929, 0.3301, 0.3167

Tritanomaly

26.8957, 0.3386, 0.3124

Monochromacy



Original Color

26.9264, 0.3375, 0.3109

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.4452, 0.3217, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9264, 0.3375, 0.3109 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(166, 133, 145)` looks like.

```
.text, #text, p{  
    color:rgb(166, 133, 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(166, 133, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 133, 145) }
```

Border

The CSS property to change the border of an element to Yxy 26.9264, 0.3375, 0.3109 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(166, 133, 145) }
```

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

```
.border{ border-color:rgb(166, 133, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 133, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 133, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 133, 145);  
box-shadow:4px 4px 4px 4px rgb(166, 133,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9264, 0.3375, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 133, 145) }
```

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

```
.background{ background-color: rgb(166,  
133, 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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