

Converting Colors

$Y_{xy}(26.0933, 0.3171, 0.3102)$

Have a look what the booklet for
Yxy(26.0933, 0.3171, 0.3102)
contains.

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Color

Yxy(25.9186, 0.3169, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	968793
RGB	150, 135, 147
RGB Percent	59%, 53%, 58%
CMY	0.4119, 0.4705, 0.4235
CMYK	0.00, 0.10, 0.02, 0.41
HSL	312°, 7%, 56%
HSV	312°, 10%, 59%
XYZ	26.5040, 25.9186, 31.2127
YIQ	140.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

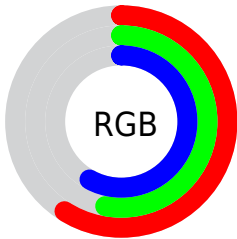
Format	Color
R_{YB}	150, 135, 147
Decimal	9865107
CIE Lab	57.96, 7.87, -4.36
CIE LCh	58, 8.992, 331.029
Yxy	25.9186, 0.3169, 0.3099
Android (android.graphics.Color)	4288055187 (0xFF968793)
YUV	140.8530, 3.0305, 8.0219
Hunter-Lab	50.9103, 3.8345, -0.7130

Details

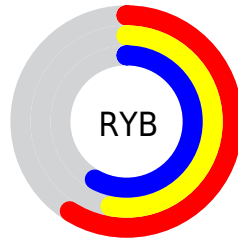
The Yxy color $25.9186, 0.3169, 0.3099$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.7886, 0.3088, 0.3489$, and the grayscale version is $26.5612, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.0209, 0.3159, 0.3135$, and $9.9942, 0.3189, 0.3034$ is the 20% darker color. If you saturate the color by 10%, you get $21.9330, 0.3217, 0.2901$, and if you desaturate by 10%, it is $30.4984, 0.3127, 0.3291$.

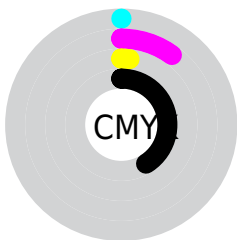
Distribution



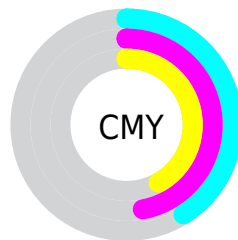
- Red (59%)
- Green (53%)
- Blue (58%)



- Red (59%)
- Yellow (53%)
- Blue (58%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (41%)





- Cyan (41%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9186, 0.3169, 0.3099 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 25.9186, 0.3169, 0.3099 by changing the saturation by 10% instead.


 25.9186, 0.3169,
0.3099


 25.9186, 0.3169,
0.3099


282.3823, 0.3147,
0.3203


 16.7628, 0.3175,
0.3070


 53.1436, 0.3161,
0.3139

 10.0655, 0.3183,
0.3031


 71.9815, 0.3157,
0.3153

 5.4424, 0.3195,
0.2975


 94.8156, 0.3155,
0.3165

 2.5091, 0.3212,
0.2888

122.0303, 0.3153,
0.3175

 0.8812, 0.3241,
0.2736

154.0099, 0.3151,
0.3183

 0.0000, 0.0000,
0.0000

191.1388, 0.3149,

0.3191

233.8015, 0.3148,
0.3197

■ 25.9186, 0.3169,
0.3099

■ 25.9186, 0.3169,
0.3099

■ 21.9330, 0.3217,
0.2901

■ 30.4984, 0.3127,
0.3291

■ 18.5136, 0.3272,
0.2700

■ 35.6921, 0.3091,
0.3472

■ 15.6354, 0.3334,
0.2503

■ 41.5226, 0.3060,
0.3642

■ 13.2699, 0.3401,
0.2318

■ 48.0108, 0.3034,
0.3800

■ 11.3865, 0.3474,
0.2154

■ 55.1764, 0.3012,
0.3946

■ 9.9506, 0.3549,
0.2019

■ 63.0385, 0.2994,
0.4079

■ 8.9238, 0.3625,
0.1923

■ 71.6152, 0.2978,
0.4201

■ 8.2605, 0.3699,
0.1871

■ 80.9243, 0.2966,
0.4312

■ 7.8452, 0.3772,
0.1852

■ 81.0460, 0.2951,
0.4275

Harmonies

Analogous

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



25.9186, 0.3016, 0.3039



25.9186, 0.3169, 0.3099



25.9186, 0.3314, 0.3207

Triad

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



25.9186, 0.3169, 0.3099



25.9186, 0.3361, 0.3542



25.9186, 0.2854, 0.3231

Complementary

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



25.9186, 0.3169, 0.3099



28.7886, 0.3088, 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.



25.9186, 0.2942, 0.3372



25.9186, 0.3169, 0.3099



25.9186, 0.3234, 0.3555

Square

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



25.9186, 0.3169, 0.3099



25.9186, 0.3426, 0.3461



25.9186, 0.3080, 0.3493



25.9186, 0.2837, 0.3110

Rectangle

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



25.9186, 0.3169, 0.3099



25.9186, 0.3385, 0.3294



25.9186, 0.3080, 0.3493



25.9186, 0.2876, 0.3278

Sweetspot

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



25.9197, 0.3169, 0.3099



51.2380, 0.3139, 0.3232



24.9153, 0.3006, 0.3043



11.2158, 0.3142, 0.3218



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.9197, 0.3169, 0.3099



44.0794, 0.3179, 0.3055



25.6989, 0.3246, 0.3214



5.8897, 0.3166, 0.3114



6.5133, 0.3768, 0.1849



0.0837, 0.3462, 0.1681

Inverse Universe

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



25.9197, 0.3169, 0.3099



44.0794, 0.3179, 0.3055



29.0059, 0.3021, 0.3367



5.8897, 0.3166, 0.3114



6.5133, 0.3768, 0.1849



0.0837, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 25.9186, 0.3169, 0.3099 looks on a white background.

Color Contrast Check

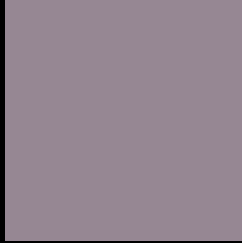
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9186, 0.3169, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

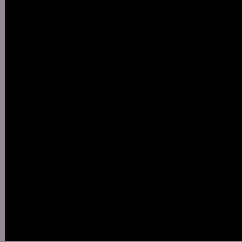
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9186, 0.3169, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 25.9186, 0.3169, 0.3099.



This preview shows how white text looks on a background with the Yxy color 25.9186, 0.3169, 0.3099.

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

25.9186, 0.3169, 0.3099

Protanopia

25.8359, 0.3028, 0.3109

Deuteranopia

25.8241, 0.3158, 0.3098



Tritanopia

25.8873, 0.3180, 0.3115

Trichromacy



Original Color

25.9186, 0.3169, 0.3099

Protanomaly

25.8691, 0.3081, 0.3111

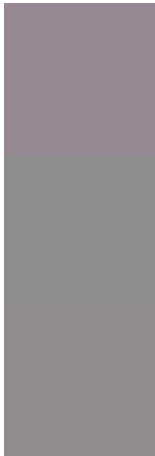
Deuteranomaly

25.8241, 0.3158, 0.3098

Tritanomaly

25.8873, 0.3180, 0.3115

Monochromacy



Original Color

25.9186, 0.3169, 0.3099

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.3777, 0.3141, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9186, 0.3169, 0.3099 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(150, 135, 147)` looks like.

```
.text, #text, p{  
    color:rgb(150, 135, 147)  
}
```

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(150, 135, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 135, 147) }
```

Border

The CSS property to change the border of an element to Yxy 25.9186, 0.3169, 0.3099 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(150, 135, 147) }
```

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

```
.border{ border-color:rgb(150, 135, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 135, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 135, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 135, 147);  
box-shadow:4px 4px 4px 4px rgb(150, 135,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9186, 0.3169, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 135, 147) }
```

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

```
.background{ background-color: rgb(150,  
135, 147) }
```

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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