

Converting Colors

$Y_{xy}(25.9518, 0.3098, 0.3059)$

Have a look what the booklet for
Yxy(25.9518, 0.3098, 0.3059)
contains.

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Color

Yxy(26.0134, 0.3105, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	938896
RGB	147, 136, 150
RGB Percent	58%, 53%, 59%
CMY	0.4235, 0.4667, 0.4118
CMYK	0.02, 0.09, 0.00, 0.41
HSL	287°, 6%, 56%
HSV	287°, 9%, 59%
XYZ	26.3443, 26.0134, 32.4871
YIQ	140.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

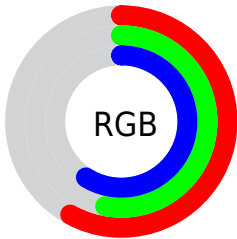
Format	Color
R_{YB}	147, 136, 150
Decimal	9668758
CIE Lab	58.05, 6.82, -5.97
CIE LCh	58, 9.066, 318.802
Yxy	26.0134, 0.3105, 0.3066
Android (android.graphics.Color)	4287858838 (0xFF938896)
YUV	140.8850, 4.4937, 5.3629
Hunter-Lab	51.0033, 2.9432, -2.0630

Details

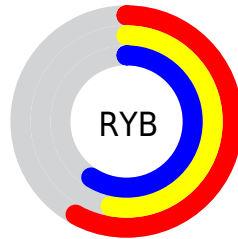
The Yxy color $26.0134, 0.3105, 0.3066$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.0779, 0.3147, 0.3520$, and the grayscale version is $26.5715, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.1723, 0.3111, 0.3111$, and $10.0432, 0.3093, 0.2985$ is the 20% darker color. If you saturate the color by 10%, you get $21.7897, 0.3076, 0.2815$, and if you desaturate by 10%, it is $30.8389, 0.3129, 0.3305$.

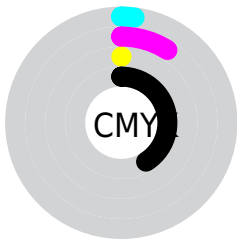
Distribution



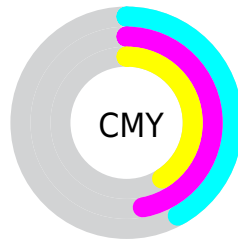
- Red (58%)
- Green (53%)
- Blue (59%)



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



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (41%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0134, 0.3105, 0.3066 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 26.0134, 0.3105, 0.3066 by changing the saturation by 10% instead.


 26.0134, 0.3105,
0.3066

 26.0134, 0.3105,
0.3066


282.8479, 0.3118,
0.3187


 16.8337, 0.3101,
0.3032


 53.2966, 0.3110,
0.3112

 10.1160, 0.3095,
0.2987


 72.1688, 0.3112,
0.3129

 5.4759, 0.3087,
0.2921

 95.0406, 0.3113,
0.3143

 2.5291, 0.3072,
0.2821

122.2965, 0.3115,
0.3155

 0.8912, 0.3043,
0.2645

154.3207, 0.3116,
0.3165

 0.0000, 0.0000,
0.0000

191.4978, 0.3117,

0.3173

234.2120, 0.3117,
0.3181

■ 26.0134, 0.3105,
0.3066

■ 26.0134, 0.3105,
0.3066

■ 21.7897, 0.3076,
0.2815

■ 30.8389, 0.3129,
0.3305

■ 18.1399, 0.3042,
0.2557

■ 36.2858, 0.3148,
0.3530

■ 15.0390, 0.3002,
0.2300

■ 42.3772, 0.3163,
0.3738

■ 12.4587, 0.2957,
0.2051

■ 49.1338, 0.3174,
0.3928

■ 10.3683, 0.2907,
0.1822

■ 56.5754, 0.3183,
0.4102

■ 8.7336, 0.2854,
0.1623

■ 64.7211, 0.3189,
0.4259

■ 7.5162, 0.2799,
0.1460

■ 73.5890, 0.3193,
0.4400

■ 6.6711, 0.2743,
0.1341

■ 82.5579, 0.3197,
0.4519

■ 6.0941, 0.2687,
0.1257

■ 82.9253, 0.3217,
0.4512

Harmonies

Analogous

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



26.0134, 0.2960, 0.3030



26.0134, 0.3105, 0.3066



26.0134, 0.3259, 0.3158

Triad

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



26.0134, 0.3105, 0.3066



26.0134, 0.3399, 0.3517



26.0134, 0.2880, 0.3288

Complementary

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



26.0134, 0.3105, 0.3066



29.0779, 0.3147, 0.3520

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.



26.0134, 0.2993, 0.3427



26.0134, 0.3105, 0.3066



26.0134, 0.3292, 0.3561

Square

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



26.0134, 0.3105, 0.3066



26.0134, 0.3431, 0.3415



26.0134, 0.3143, 0.3529



26.0134, 0.2832, 0.3154

Rectangle

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



26.0134, 0.3105, 0.3066



26.0134, 0.3346, 0.3240



26.0134, 0.3143, 0.3529



26.0134, 0.2911, 0.3336

Sweetspot

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



26.0145, 0.3105, 0.3066



51.1265, 0.3120, 0.3218



25.9105, 0.2987, 0.3109



11.1850, 0.3119, 0.3200



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.



26.0145, 0.3105, 0.3066



44.4270, 0.3100, 0.3020



26.1682, 0.3179, 0.3130



5.8475, 0.3105, 0.3070



5.0380, 0.2688, 0.1254



0.0742, 0.2953, 0.1400

Inverse Universe

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



25.9553, 0.3253, 0.3242



44.3069, 0.3281, 0.3232



28.9397, 0.3079, 0.3455



5.8344, 0.3251, 0.3243



5.4680, 0.5986, 0.3071



0.0706, 0.5006, 0.2532

Previews

White Background



This preview shows how the Yxy color 26.0134, 0.3105, 0.3066 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 26.0134, 0.3105, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

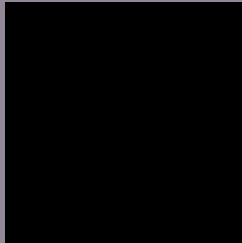
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

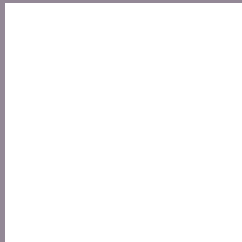
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.0134, 0.3105, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 26.0134, 0.3105, 0.3066.



This preview shows how white text looks on a background with the Yxy color 26.0134, 0.3105, 0.3066.

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

26.0134, 0.3105, 0.3066

Protanopia

26.1355, 0.2989, 0.3077

Deuteranopia

26.1062, 0.3116, 0.3067



Tritanopia

25.9179, 0.3135, 0.3113

Trichromacy



Original Color

26.0134, 0.3105, 0.3066

Protanomaly

26.0740, 0.3030, 0.3079

Deuteranomaly

26.1062, 0.3116, 0.3067

Tritanomaly

25.9495, 0.3125, 0.3097

Monochromacy



Original Color

26.0134, 0.3105, 0.3066

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.3185, 0.3120, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0134, 0.3105, 0.3066 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(147, 136, 150)` looks like.

```
.text, #text, p{  
    color:rgb(147, 136, 150)  
}
```

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(147, 136, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 136, 150) }
```

Border

The CSS property to change the border of an element to Yxy 26.0134, 0.3105, 0.3066 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(147, 136, 150) }
```

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

```
.border{ border-color:rgb(147, 136, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 136, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 136, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 136, 150);  
box-shadow:4px 4px 4px 4px rgb(147, 136,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0134, 0.3105, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 136, 150) }
```

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

```
.background{ background-color: rgb(147,  
136, 150) }
```

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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