

Converting Colors

$Y_{xy}(26.4045, 0.3118, 0.3084)$

Have a look what the booklet for
Yxy(26.4045, 0.3118, 0.3084)
contains.

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Color

Yxy(26.3892, 0.3115, 0.3083)

Conversions

Conversions Part 1

Format	Color
Hex	948996
RGB	148, 137, 150
RGB Percent	58%, 54%, 59%
CMY	0.4196, 0.4627, 0.4118
CMYK	0.01, 0.09, 0.00, 0.41
HSL	291°, 6%, 56%
HSV	291°, 9%, 59%
XYZ	26.6631, 26.3892, 32.5435
YIQ	141.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

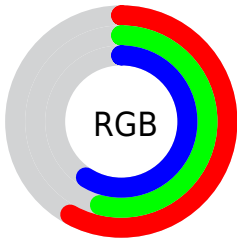
Format	Color
RYB	148, 137, 150
Decimal	9734550
CIELab	58.40, 6.60, -5.44
CIELCh	58, 8.552, 320.526
Yxy	26.3892, 0.3115, 0.3083
Android (android.graphics.Color)	4287924630 (0xFF948996)
YUV	141.7710, 4.0569, 5.4628
Hunter-Lab	51.3704, 2.7497, -1.6014

Details

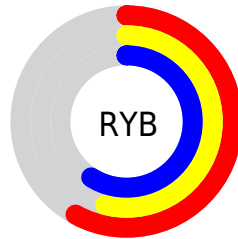
The Yxy color $26.3892, 0.3115, 0.3083$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.1099, 0.3138, 0.3503$, and the grayscale version is $26.9385, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.7431, 0.3119, 0.3123$, and $10.2586, 0.3108, 0.3011$ is the 20% darker color. If you saturate the color by 10%, you get $22.2041, 0.3098, 0.2835$, and if you desaturate by 10%, it is $31.1738, 0.3129, 0.3321$.

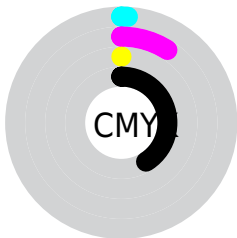
Distribution



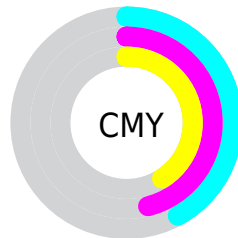
- Red (58%)
- Green (54%)
- Blue (59%)



- Red (58%)
- Yellow (54%)
- Blue (59%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (41%)




- Cyan (42%)
- Magenta (46%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3892, 0.3115, 0.3083 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 26.3892, 0.3115, 0.3083 by changing the saturation by 10% instead.


 26.3892, 0.3115,
0.3083


 26.3892, 0.3115,
0.3083


284.6874, 0.3122,
0.3195

 17.1150, 0.3113,
0.3052


 53.9022, 0.3118,
0.3126

 10.3165, 0.3109,
0.3010


 72.9097, 0.3119,
0.3141

 5.6093, 0.3104,
0.2950


 95.9306, 0.3120,
0.3154

 2.6090, 0.3095,
0.2857

123.3491, 0.3121,
0.3165

 0.9312, 0.3076,
0.2696

155.5496, 0.3121,
0.3174

 0.0000, 0.0000,
0.0000

192.9166, 0.3122,

0.3182

235.8344, 0.3122,
0.3189

■ 26.3892, 0.3115,
0.3083

■ 26.3892, 0.3115,
0.3083

■ 22.2041, 0.3098,
0.2835

■ 31.1738, 0.3129,
0.3321

■ 18.5908, 0.3076,
0.2581

■ 36.5774, 0.3139,
0.3545

■ 15.5244, 0.3051,
0.2330

■ 42.6230, 0.3147,
0.3753

■ 12.9768, 0.3021,
0.2089

■ 49.3311, 0.3153,
0.3945

■ 10.9175, 0.2988,
0.1869

■ 56.7215, 0.3156,
0.4119

■ 9.3127, 0.2951,
0.1679

■ 64.8131, 0.3158,
0.4278

■ 8.1243, 0.2913,
0.1526

■ 73.6242, 0.3159,
0.4421

■ 7.3079, 0.2873,
0.1416

■ 81.8848, 0.3161,
0.4533

■ 6.7703, 0.2833,
0.1341

■ 82.1383, 0.3175,
0.4528

Harmonies

Analogous

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



26.3892, 0.2977, 0.3046



26.3892, 0.3115, 0.3083



26.3892, 0.3259, 0.3172

Triad

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



26.3892, 0.3115, 0.3083



26.3892, 0.3378, 0.3508



26.3892, 0.2890, 0.3281

Complementary

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



26.3892, 0.3115, 0.3083



29.1099, 0.3138, 0.3503

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.



26.3892, 0.2994, 0.3412



26.3892, 0.3115, 0.3083



26.3892, 0.3275, 0.3544

Square

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



26.3892, 0.3115, 0.3083



26.3892, 0.3413, 0.3414



26.3892, 0.3134, 0.3510



26.3892, 0.2850, 0.3156

Rectangle

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



26.3892, 0.3115, 0.3083



26.3892, 0.3339, 0.3250



26.3892, 0.3134, 0.3510



26.3892, 0.2919, 0.3326

Sweetspot

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



26.3903, 0.3115, 0.3083



51.1712, 0.3123, 0.3218



26.0356, 0.2997, 0.3112



11.1973, 0.3122, 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.



26.3903, 0.3115, 0.3083



45.3724, 0.3113, 0.3046



26.4420, 0.3181, 0.3152



5.8644, 0.3114, 0.3070



5.5704, 0.2831, 0.1333



0.0780, 0.3028, 0.1442

Inverse Universe

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



26.2413, 0.3251, 0.3258



45.0683, 0.3276, 0.3252



29.0657, 0.3077, 0.3432



5.8291, 0.3259, 0.3256



5.4328, 0.6140, 0.3156



0.0693, 0.5305, 0.2696

Previews

White Background



This preview shows how the Yxy color 26.3892, 0.3115, 0.3083 looks on a white background.

Color Contrast Check

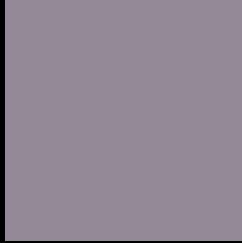
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3892, 0.3115, 0.3083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

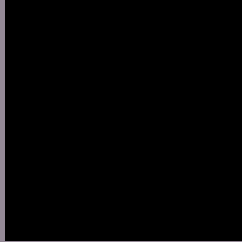
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3892, 0.3115, 0.3083

Background



This preview shows how black text looks on a background with the Yxy color 26.3892, 0.3115, 0.3083.

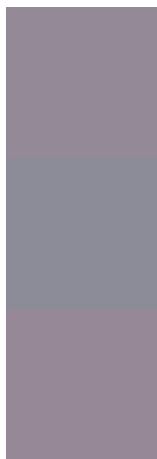


This preview shows how white text looks on a background with the Yxy color 26.3892, 0.3115, 0.3083.

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

26.3892, 0.3115, 0.3083

Protanopia

26.5986, 0.3009, 0.3095

Deuteranopia

26.2944, 0.3138, 0.3068



Tritanopia

26.3253, 0.3135, 0.3114

Trichromacy



Original Color

26.3892, 0.3115, 0.3083

Protanomaly

26.5392, 0.3051, 0.3096

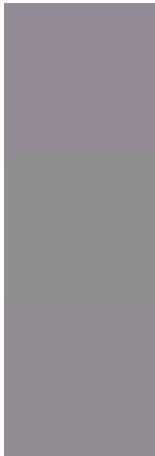
Deuteranomaly

26.1999, 0.3127, 0.3068

Tritanomaly

26.3571, 0.3125, 0.3099

Monochromacy



Original Color

26.3892, 0.3115, 0.3083

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.7298, 0.3120, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3892, 0.3115, 0.3083 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(148, 137, 150)` looks like.

```
.text, #text, p{  
    color:rgb(148, 137, 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(148, 137, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 137, 150) }
```

Border

The CSS property to change the border of an element to Yxy 26.3892, 0.3115, 0.3083 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(148, 137, 150) }
```

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

```
.border{ border-color:rgb(148, 137, 150) }
```

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

Here you see how a box with a 4 pixel rgb(148, 137, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 137, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 137, 150);  
box-shadow:4px 4px 4px 4px rgb(148, 137,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3892, 0.3115, 0.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 137, 150) }
```

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

```
.background{ background-color: rgb(148,  
137, 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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