

Converting Colors

$Y_{xy}(26.7308, 0.3111, 0.3115)$

Have a look what the booklet for
Yxy(26.7308, 0.3111, 0.3115)
contains.

Yxy(26.8382, 0.3113, 0.3130)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.8382, 0.3113, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	938B95
RGB	147, 139, 149
RGB Percent	58%, 55%, 58%
CMY	0.4235, 0.4549, 0.4156
CMYK	0.01, 0.07, 0.00, 0.42
HSL	288°, 5%, 56%
HSV	288°, 7%, 58%
XYZ	26.6924, 26.8382, 32.2144
YIQ	142.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

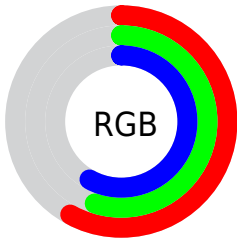
Format	Color
R_{YB}	147, 139, 149
Decimal	9669525
CIE _{Lab}	58.82, 4.91, -4.26
CIE _{LCh}	59, 6.503, 319.064
Yxy	26.8382, 0.3113, 0.3130
Android (android.graphics.Color)	4287859605 (0xFF938B95)
YUV	142.5320, 3.1887, 3.9184
Hunter-Lab	51.8056, 1.3109, -0.6045

Details

The Yxy color $26.8382, 0.3113, 0.3130$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.0279, 0.3140, 0.3453$, and the grayscale version is $27.2601, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4286, 0.3117, 0.3159$, and $10.5134, 0.3105, 0.3079$ is the 20% darker color. If you saturate the color by 10%, you get $22.5416, 0.3088, 0.2882$, and if you desaturate by 10%, it is $31.7325, 0.3133, 0.3366$.

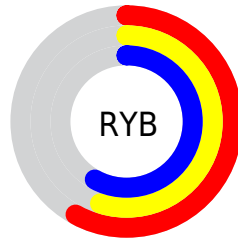
Distribution



Red (58%)

Green (55%)

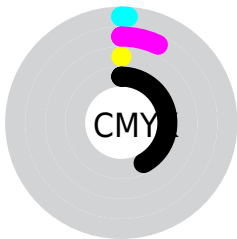
Blue (58%)



Red (58%)

Yellow (55%)

Blue (58%)

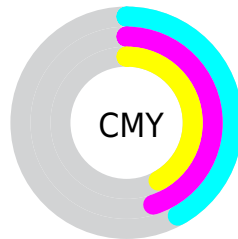


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (42%)



Cyan (42%)


Magenta (45%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8382, 0.3113, 0.3130 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 26.8382, 0.3113, 0.3130 by changing the saturation by 10% instead.


 26.8382, 0.3113,
0.3130


 26.8382, 0.3113,
0.3130


286.8729, 0.3121,
0.3217


 17.4517, 0.3111,
0.3106


 54.6241, 0.3116,
0.3163

 10.5571, 0.3107,
0.3073


 73.7924, 0.3117,
0.3175

 5.7699, 0.3102,
0.3027

 96.9900, 0.3118,
0.3185

 2.7057, 0.3093,
0.2955

124.6014, 0.3119,
0.3193

 0.9801, 0.3076,
0.2829

157.0110, 0.3120,
0.3200

 0.0000, 0.0000,
0.0000

194.6032, 0.3120,

0.3207

237.7624, 0.3121,
0.3212

■ 26.8382, 0.3113,
0.3130

■ 26.8382, 0.3113,
0.3130

■ 22.5416, 0.3088,
0.2882

■ 31.7325, 0.3133,
0.3366

■ 18.8156, 0.3058,
0.2626

■ 37.2434, 0.3150,
0.3586

■ 15.6360, 0.3022,
0.2369

■ 43.3933, 0.3162,
0.3789

■ 12.9756, 0.2982,
0.2120

■ 50.2023, 0.3172,
0.3976

■ 10.8049, 0.2937,
0.1887

■ 57.6898, 0.3179,
0.4145

9.0913, 0.2888,
0.1681

65.8741, 0.3183,
0.4299

7.7982, 0.2836,
0.1511

74.7731, 0.3187,
0.4437

6.8835, 0.2784,
0.1383

82.3367, 0.3192,
0.4535

6.2796, 0.2732,
0.1295

82.6756, 0.3210,
0.4528

Harmonies

Analogous

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



26.8382, 0.3009, 0.3104



26.8382, 0.3113, 0.3130



26.8382, 0.3222, 0.3197

Triad

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



26.8382, 0.3113, 0.3130



26.8382, 0.3319, 0.3453



26.8382, 0.2951, 0.3289

Complementary

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



26.8382, 0.3113, 0.3130



29.0279, 0.3140, 0.3453

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.



26.8382, 0.3031, 0.3386



26.8382, 0.3113, 0.3130



26.8382, 0.3244, 0.3482

Square

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



26.8382, 0.3113, 0.3130



26.8382, 0.3343, 0.3381



26.8382, 0.3138, 0.3458



26.8382, 0.2917, 0.3194

Rectangle

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



26.8382, 0.3113, 0.3130



26.8382, 0.3283, 0.3256



26.8382, 0.3138, 0.3458



26.8382, 0.2973, 0.3322

Sweetspot

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



26.8394, 0.3113, 0.3130



52.0206, 0.3123, 0.3242



26.7591, 0.3027, 0.3162



11.5534, 0.3123, 0.3245



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.



26.8394, 0.3113, 0.3130



46.8815, 0.3110, 0.3095



26.9370, 0.3163, 0.3176



5.8511, 0.3107, 0.3070



5.1484, 0.2718, 0.1271



0.0750, 0.2969, 0.1409

Inverse Universe

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



26.7794, 0.3217, 0.3258



46.7543, 0.3237, 0.3251



28.9376, 0.3093, 0.3407



5.8333, 0.3253, 0.3246



5.4596, 0.6022, 0.3091



0.0703, 0.5066, 0.2565

Previews

White Background



This preview shows how the Yxy color 26.8382, 0.3113, 0.3130 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 26.8382, 0.3113, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

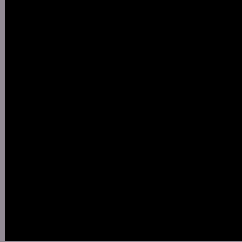
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8382, 0.3113, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 26.8382, 0.3113, 0.3130.



This preview shows how white text looks on a background with the Yxy color 26.8382, 0.3113, 0.3130.

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

26.8382, 0.3113, 0.3130

Protanopia

27.0025, 0.3049, 0.3144

Deuteranopia

26.7366, 0.3169, 0.3101



Tritanopia

26.8703, 0.3103, 0.3115

Trichromacy



Original Color

26.8382, 0.3113, 0.3130

Protanomaly

26.8875, 0.3071, 0.3129

Deuteranomaly

26.8309, 0.3146, 0.3116

Tritanomaly

26.8703, 0.3103, 0.3115

Monochromacy



Original Color

26.8382, 0.3113, 0.3130

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.3196, 0.3119, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8382, 0.3113, 0.3130 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, 139, 149)` looks like.

```
.text, #text, p{  
    color:rgb(147, 139, 149)  
}
```

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, 139, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 139, 149) }
```

Border

The CSS property to change the border of an element to Yxy 26.8382, 0.3113, 0.3130 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, 139, 149) }
```

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

```
.border{ border-color:rgb(147, 139, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 139, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 139, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 139, 149);  
box-shadow:4px 4px 4px 4px rgb(147, 139,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8382, 0.3113, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 139, 149) }
```

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

```
.background{ background-color: rgb(147,  
139, 149) }
```

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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