

Converting Colors

$Y_{xy}(26.9214, 0.3317, 0.3202)$

Have a look what the booklet for
Yxy(26.9214, 0.3317, 0.3202)
contains.

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Color

Yxy(26.8304, 0.3311, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	9E888E
RGB	158, 136, 142
RGB Percent	62%, 53%, 56%
CMY	0.3804, 0.4667, 0.4431
CMYK	0.00, 0.14, 0.10, 0.38
HSL	344°, 10%, 58%
HSV	344°, 14%, 62%
XYZ	27.7871, 26.8304, 29.3061
YIQ	143.2620, 11.1860, 6.5300

Conversions

Conversions Part 2

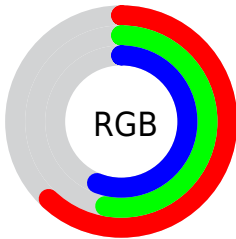
Format	Color
R_{YB}	158, 136, 142
Decimal	10389646
CIE _{Lab}	58.82, 9.36, -0.14
CIE _{LCh}	59, 9.361, 359.168
Y _{xy}	26.8304, 0.3311, 0.3197
Android (android.graphics.Color)	4288579726 (0xFF9E888E)
YUV	143.2620, -0.6222, 12.9252
Hunter-Lab	51.7981, 5.1099, 2.7137

Details

The Yxy color $26.8304, 0.3311, 0.3197$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.9552, 0.2971, 0.3385$, and the grayscale version is $27.5781, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5268, 0.3272, 0.3208$, and $10.4925, 0.3369, 0.3155$ is the 20% darker color. If you saturate the color by 10%, you get $22.3766, 0.3479, 0.3126$, and if you desaturate by 10%, it is $31.9782, 0.3174, 0.3265$.

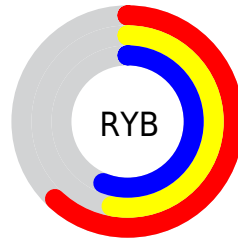
Distribution



Red (62%)

Green (53%)

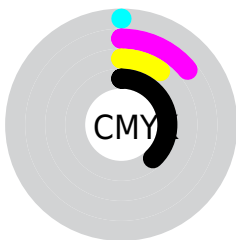
Blue (56%)



Red (62%)

Yellow (53%)

Blue (56%)

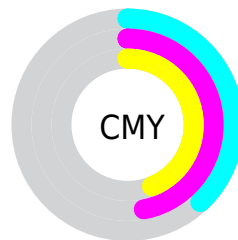


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (38%)



Cyan (38%)


Magenta (47%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8304, 0.3311, 0.3197 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 26.8304, 0.3311, 0.3197 by changing the saturation by 10% instead.


 26.8304, 0.3311,
0.3197


 26.8304, 0.3311,
0.3197


286.8350, 0.3211,
0.3248


 17.4459, 0.3339,
0.3183


 54.6116, 0.3272,
0.3217

 10.5529, 0.3378,
0.3163


 73.7771, 0.3258,
0.3224

 5.7671, 0.3434,
0.3135

 96.9716, 0.3247,
0.3229

 2.7040, 0.3522,
0.3090

124.5797, 0.3237,
0.3234

 0.9792, 0.3680,
0.3011

156.9857, 0.3229,
0.3238

 0.0000, 1.0000,
0.0000

194.5740, 0.3222,

 0.0000, 0.0000,

0.3242

0.0000

237.7290, 0.3216,
0.3245

■ 26.8304, 0.3311,
0.3197

■ 26.8304, 0.3311,
0.3197

■ 22.3766, 0.3479,
0.3126

■ 31.9782, 0.3174,
0.3265

■ 18.5837, 0.3684,
0.3053

■ 37.8443, 0.3062,
0.3328

■ 15.4208, 0.3930,
0.2982

■ 44.4563, 0.2970,
0.3386

■ 12.8537, 0.4222,
0.2920

■ 51.8392, 0.2895,
0.3439

■ 10.8445, 0.4556,
0.2875

■ 60.0167, 0.2833,
0.3487

■ 9.3509, 0.4921,
0.2857

■ 69.0116, 0.2782,
0.3531

■ 8.3248, 0.5293,
0.2877

■ 78.8460, 0.2740,
0.3571

■ 7.7085, 0.5637,
0.2939

■ 84.7255, 0.2694,
0.3528

■ 7.4441, 0.5828,
0.2984

■ 85.4074, 0.2640,
0.3396

Harmonies

Analogous

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



26.8304, 0.3160, 0.3088



26.8304, 0.3311, 0.3197



26.8304, 0.3413, 0.3331

Triad

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



26.8304, 0.3311, 0.3197



26.8304, 0.3246, 0.3565



26.8304, 0.2827, 0.3111

Complementary

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



26.8304, 0.3311, 0.3197



31.9552, 0.2971, 0.3385

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.



26.8304, 0.2849, 0.3238



26.8304, 0.3311, 0.3197



26.8304, 0.3089, 0.3505

Square

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



26.8304, 0.3311, 0.3197



26.8304, 0.3374, 0.3546



26.8304, 0.2944, 0.3384



26.8304, 0.2883, 0.3037

Rectangle

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



26.8304, 0.3311, 0.3197



26.8304, 0.3438, 0.3419



26.8304, 0.2944, 0.3384



26.8304, 0.2826, 0.3149

Sweetspot

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



26.8316, 0.3311, 0.3197



57.9161, 0.3176, 0.3264



26.7310, 0.3076, 0.2949



12.8956, 0.3185, 0.3259



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.8316, 0.3311, 0.3197



45.8284, 0.3365, 0.3173



28.0287, 0.3366, 0.3365



6.6744, 0.3243, 0.3229



5.9679, 0.5806, 0.2972



0.1132, 0.4805, 0.2420

Inverse Universe

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



26.8316, 0.3311, 0.3197



45.8284, 0.3365, 0.3173



30.5623, 0.2918, 0.3214



6.6744, 0.3243, 0.3229



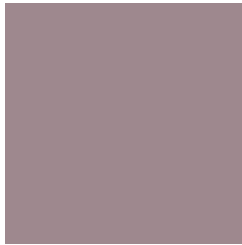
5.9679, 0.5806, 0.2972



0.1132, 0.4805, 0.2420

Previews

White Background



This preview shows how the Yxy color 26.8304, 0.3311, 0.3197 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 26.8304, 0.3311, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

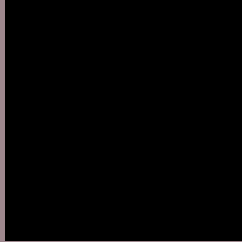
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8304, 0.3311, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 26.8304, 0.3311, 0.3197.



This preview shows how white text looks on a background with the Yxy color 26.8304, 0.3311, 0.3197.

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

26.8304, 0.3311, 0.3197

Protanopia

26.9337, 0.3109, 0.3225

Deuteranopia

26.8129, 0.3276, 0.3212



Tritanopia

26.7742, 0.3281, 0.3120

Trichromacy



Original Color

26.8304, 0.3311, 0.3197

Protanomaly

26.7748, 0.3175, 0.3210

Deuteranomaly

26.9122, 0.3287, 0.3212

Tritanomaly

26.7432, 0.3292, 0.3136

Monochromacy



Original Color

26.8304, 0.3311, 0.3197

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.0352, 0.3184, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8304, 0.3311, 0.3197 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(158, 136, 142)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 142)  
}
```

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(158, 136, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 142) }
```

Border

The CSS property to change the border of an element to Yxy 26.8304, 0.3311, 0.3197 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(158, 136, 142) }
```

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

```
.border{ border-color:rgb(158, 136, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 136, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 142);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8304, 0.3311, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 142) }
```

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

```
.background{ background-color: rgb(158,  
136, 142) }
```

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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