

Converting Colors

$Y_{xy}(27.4832, 0.3233, 0.3136)$

Have a look what the booklet for
Yxy(27.4832, 0.3233, 0.3136)
contains.

Yxy(27.4832, 0.3233, 0.3136)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.4832, 0.3233, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	9D8A94
RGB	157, 138, 148
RGB Percent	62%, 54%, 58%
CMY	0.3844, 0.4588, 0.4197
CMYK	0.00, 0.12, 0.06, 0.38
HSL	328°, 9%, 58%
HSV	328°, 12%, 62%
XYZ	28.3333, 27.4832, 31.8213
YIQ	144.8210, 8.1140, 7.1380

Conversions

Conversions Part 2

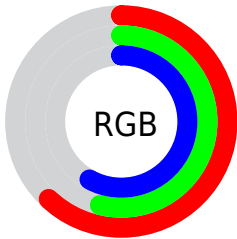
Format	Color
R _Y B	157, 138, 148
Decimal	10324628
CIE Lab	59.42, 8.93, -2.69
CIE LCh	59, 9.323, 343.221
Yxy	27.4832, 0.3233, 0.3136
Android (android.graphics.Color)	4288514708 (0xFF9D8A94)
YUV	144.8210, 1.5672, 10.6810
Hunter-Lab	52.4244, 4.7293, 0.7085

Details

The Yxy color $27.4832, 0.3233, 0.3136$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.6161, 0.3033, 0.3449$, and the grayscale version is $28.2292, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.5229, 0.3215, 0.3162$, and $10.9067, 0.3284, 0.3090$ is the 20% darker color. If you saturate the color by 10%, you get $23.0722, 0.3340, 0.3002$, and if you desaturate by 10%, it is $32.5628, 0.3144, 0.3264$.

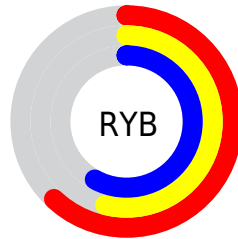
Distribution



Red (62%)

Green (54%)

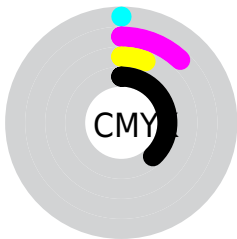
Blue (58%)



Red (62%)

Yellow (54%)

Blue (58%)

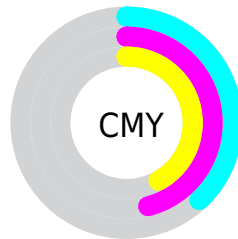


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (38%)



Cyan (38%)


Magenta (46%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4832, 0.3233, 0.3136 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 27.4832, 0.3233, 0.3136 by changing the saturation by 10% instead.


 27.4832, 0.3233,
0.3136


 27.4832, 0.3233,
0.3136


289.9891, 0.3176,
0.3219


 17.9365, 0.3249,
0.3113


 55.6583, 0.3211,
0.3168

 10.9044, 0.3270,
0.3082


 75.0554, 0.3203,
0.3179

 6.0026, 0.3301,
0.3038


 98.5048, 0.3197,
0.3189

 2.8466, 0.3348,
0.2971

126.3908, 0.3191,
0.3197

 1.0522, 0.3431,
0.2854

159.0978, 0.3187,
0.3203

 0.0000, 0.5703,
0.0000


197.0103, 0.3183,


 0.0000, 0.0000,

0.3209


0.0000


240.5126, 0.3179,
0.3214


 27.4832, 0.3233,
0.3136


 27.4832, 0.3233,
0.3136

 23.0722, 0.3340,
0.3002


 32.5628, 0.3144,
0.3264


 19.2980, 0.3467,
0.2864


 38.3339, 0.3069,
0.3385


 16.1319, 0.3616,
0.2729

 44.8225, 0.3008,
0.3497

 13.5413, 0.3789,
0.2602

 52.0523, 0.2957,
0.3600

 11.4905, 0.3983,
0.2495

 60.0460, 0.2914,
0.3695

■ 9.9400, 0.4197,
0.2417

■ 68.8253, 0.2879,
0.3782

■ 8.8446, 0.4421,
0.2381

■ 78.4109, 0.2850,
0.3861

■ 8.1509, 0.4647,
0.2395

■ 83.2164, 0.2818,
0.3845

■ 7.7828, 0.4825,
0.2432

■ 83.5904, 0.2781,
0.3754

Harmonies

Analogous

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



27.4832, 0.3076, 0.3052



27.4832, 0.3233, 0.3136



27.4832, 0.3364, 0.3259

Triad

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



27.4832, 0.3233, 0.3136



27.4832, 0.3318, 0.3561



27.4832, 0.2833, 0.3175

Complementary

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



27.4832, 0.3233, 0.3136



31.6161, 0.3033, 0.3449

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.



27.4832, 0.2894, 0.3315



27.4832, 0.3233, 0.3136



27.4832, 0.3173, 0.3543

Square

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



27.4832, 0.3233, 0.3136



27.4832, 0.3414, 0.3504



27.4832, 0.3018, 0.3452



27.4832, 0.2847, 0.3071

Rectangle

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



27.4832, 0.3233, 0.3136



27.4832, 0.3418, 0.3349



27.4832, 0.3018, 0.3452



27.4832, 0.2845, 0.3220

Sweetspot

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



27.4844, 0.3233, 0.3136



56.4213, 0.3160, 0.3239



26.8051, 0.3033, 0.2991



12.2677, 0.3166, 0.3230



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.4844, 0.3233, 0.3136



47.4066, 0.3255, 0.3107



27.2006, 0.3332, 0.3281



6.7015, 0.3206, 0.3173



6.3310, 0.4809, 0.2423



0.1217, 0.4038, 0.1998

Inverse Universe

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



27.4844, 0.3233, 0.3136



47.4066, 0.3255, 0.3107



31.9213, 0.2953, 0.3299



6.7015, 0.3206, 0.3173



6.3310, 0.4809, 0.2423



0.1217, 0.4038, 0.1998

Previews

White Background



This preview shows how the Yxy color 27.4832, 0.3233, 0.3136 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 27.4832, 0.3233, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

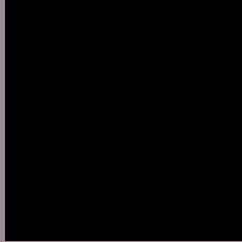
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4832, 0.3233, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 27.4832, 0.3233, 0.3136.



This preview shows how white text looks on a background with the Yxy color 27.4832, 0.3233, 0.3136.

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

27.4832, 0.3233, 0.3136

Protanopia

27.5097, 0.3060, 0.3146

Deuteranopia

27.5719, 0.3210, 0.3150



Tritanopia

27.5150, 0.3223, 0.3120

Trichromacy



Original Color

27.4832, 0.3233, 0.3136

Protanomaly

27.6413, 0.3123, 0.3148

Deuteranomaly

27.6713, 0.3221, 0.3151

Tritanomaly

27.5150, 0.3223, 0.3120

Monochromacy



Original Color

27.4832, 0.3233, 0.3136

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.8109, 0.3162, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4832, 0.3233, 0.3136 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(157, 138, 148)` looks like.

```
.text, #text, p{  
    color:rgb(157, 138, 148)  
}
```

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(157, 138, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 138, 148) }
```

Border

The CSS property to change the border of an element to Yxy 27.4832, 0.3233, 0.3136 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(157, 138, 148) }
```

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

```
.border{ border-color:rgb(157, 138, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 138, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 138, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 138, 148);  
box-shadow:4px 4px 4px 4px rgb(157, 138,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4832, 0.3233, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 138, 148) }
```

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

```
.background{ background-color: rgb(157,  
138, 148) }
```

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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