

Converting Colors

$Y_{xy}(28.9923, 0.3359, 0.3415)$

Have a look what the booklet for
Yxy(28.9923, 0.3359, 0.3415)
contains.

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Color

Yxy(28.9932, 0.3359, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	9E9088
RGB	158, 144, 136
RGB Percent	62%, 56%, 53%
CMY	0.3804, 0.4353, 0.4666
CMYK	0.00, 0.09, 0.14, 0.38
HSL	22°, 10%, 58%
HSV	22°, 14%, 62%
XYZ	28.5178, 28.9932, 27.3886
YIQ	147.2740, 10.9120, 0.4800

Conversions

Conversions Part 2

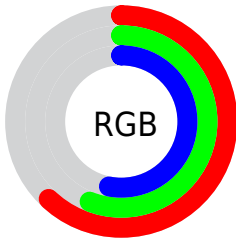
Format	Color
RYB	158, 149, 136
Decimal	10391688
CIELab	60.78, 3.80, 6.12
CIELCh	61, 7.206, 58.159
Yxy	28.9932, 0.3359, 0.3415
Android (android.graphics.Color)	4288581768 (0xFF9E9088)
YUV	147.2740, -5.5581, 9.4067
Hunter-Lab	53.8453, 0.3085, 7.5337

Details

The Yxy color $28.9932, 0.3359, 0.3415$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.5169, 0.2917, 0.3162$, and the grayscale version is $29.3176, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.2084, 0.3315, 0.3396$, and $11.7415, 0.3437, 0.3471$ is the 20% darker color. If you saturate the color by 10%, you get $25.6662, 0.3559, 0.3511$, and if you desaturate by 10%, it is $32.6603, 0.3187, 0.3324$.

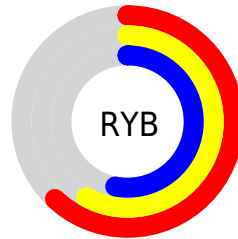
Distribution



Red (62%)

Green (56%)

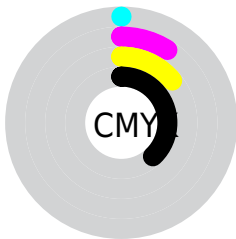
Blue (53%)



Red (62%)

Yellow (58%)

Blue (53%)

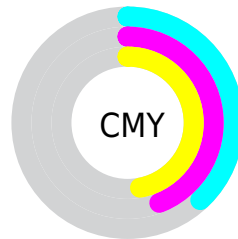


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (38%)



Cyan (38%)


Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9932, 0.3359, 0.3415 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 28.9932, 0.3359, 0.3415 by changing the saturation by 10% instead.

 28.9932, 0.3359,
0.3415


 28.9932, 0.3359,
0.3415


297.1829, 0.3233,
0.3349

 19.0757, 0.3394,
0.3433


 58.0663, 0.3311,
0.3390

 11.7250, 0.3441,
0.3457


 77.9906, 0.3293,
0.3381

 6.5567, 0.3509,
0.3491


 102.0194, 0.3279,
0.3373

 3.1864, 0.3614,
0.3542

130.5369, 0.3267,
0.3367

 1.2298, 0.3801,
0.3629

163.9276, 0.3257,
0.3361

 0.0859, 0.6701,
0.3299

202.5759, 0.3248,

 0.0000, 0.0000,

0.3356

0.0000

246.8662, 0.3240,
0.3352

■ 28.9932, 0.3359,
0.3415

■ 28.9932, 0.3359,
0.3415

■ 25.6662, 0.3559,
0.3511

■ 32.6603, 0.3187,
0.3324

■ 22.6656, 0.3792,
0.3609

■ 36.6731, 0.3041,
0.3239

■ 19.9821, 0.4058,
0.3705

■ 41.0421, 0.2916,
0.3161

■ 17.6048, 0.4356,
0.3792

■ 45.7759, 0.2808,
0.3089

■ 15.5219, 0.4679,
0.3860

■ 50.8830, 0.2716,
0.3023

■ 13.7208, 0.5013,
0.3897

■ 56.3717, 0.2637,
0.2963

■ 12.1879, 0.5335,
0.3893

■ 62.2496, 0.2569,
0.2909

■ 10.9080, 0.5618,
0.3839

■ 68.0383, 0.2544,
0.2938

■ 10.2398, 0.5777,
0.3795

■ 73.6180, 0.2562,
0.3056

Harmonies

Analogous

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



28.9932, 0.3339, 0.3319



28.9932, 0.3359, 0.3415



28.9932, 0.3315, 0.3481

Triad

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



28.9932, 0.3359, 0.3415



28.9932, 0.2993, 0.3364



28.9932, 0.3031, 0.3093

Complementary

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



28.9932, 0.3359, 0.3415



29.5169, 0.2917, 0.3162

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.



28.9932, 0.2941, 0.3101



28.9932, 0.3359, 0.3415



28.9932, 0.2919, 0.3256

Square

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



28.9932, 0.3359, 0.3415



28.9932, 0.3103, 0.3453



28.9932, 0.2901, 0.3159



28.9932, 0.3148, 0.3135

Rectangle

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



28.9932, 0.3359, 0.3415



28.9932, 0.3256, 0.3497



28.9932, 0.2901, 0.3159



28.9932, 0.2997, 0.3090

Sweetspot

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



28.9945, 0.3359, 0.3415



59.2008, 0.3190, 0.3325



27.0914, 0.3223, 0.3070



13.2339, 0.3201, 0.3332



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.



28.9945, 0.3359, 0.3415



50.5235, 0.3424, 0.3447



32.3894, 0.3337, 0.3577



7.0214, 0.3275, 0.3372



8.2710, 0.5762, 0.3807



0.2249, 0.5076, 0.4352

Inverse Universe

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



29.5169, 0.2917, 0.3162



51.6768, 0.2865, 0.3127



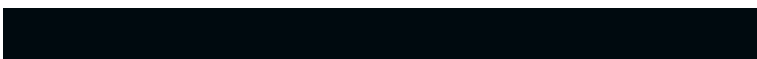
26.2578, 0.2912, 0.2986



7.1034, 0.2988, 0.3207



9.4381, 0.1911, 0.2080



0.2467, 0.2061, 0.2621

Previews

White Background



This preview shows how the Yxy color 28.9932, 0.3359, 0.3415 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 28.9932, 0.3359, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

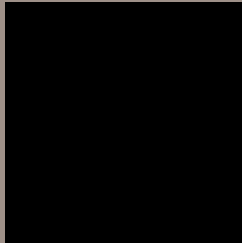
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9932, 0.3359, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 28.9932, 0.3359, 0.3415.



This preview shows how white text looks on a background with the Yxy color 28.9932, 0.3359, 0.3415.

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

28.9932, 0.3359, 0.3415

Protanopia

29.0393, 0.3280, 0.3433

Deuteranopia

29.1229, 0.3441, 0.3382



Tritanopia

29.1195, 0.3210, 0.3124

Trichromacy



Original Color

28.9932, 0.3359, 0.3415

Protanomaly

28.9270, 0.3303, 0.3416

Deuteranomaly

29.1039, 0.3406, 0.3398

Tritanomaly

29.1224, 0.3259, 0.3229

Monochromacy



Original Color

28.9932, 0.3359, 0.3415

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.1202, 0.3209, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9932, 0.3359, 0.3415 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, 144, 136)` looks like.

```
.text, #text, p{  
    color:rgb(158, 144, 136)  
}
```

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, 144, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 144, 136) }
```

Border

The CSS property to change the border of an element to Yxy 28.9932, 0.3359, 0.3415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

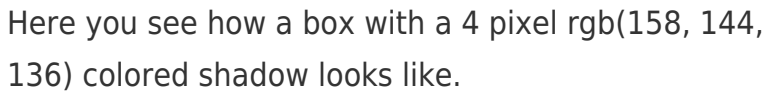
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 144, 136) }
```

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

```
.border{ border-color:rgb(158, 144, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 144, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 144, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 144, 136); box-shadow:4px 4px 4px 4px rgb(158, 144, 136) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9932, 0.3359, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 144, 136) }
```

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

```
.background{ background-color: rgb(158,  
144, 136) }
```

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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