

Converting Colors

$Y_{xy}(32.9993, 0.2887, 0.3173)$

Have a look what the booklet for
Yxy(32.9993, 0.2887, 0.3173)
contains.

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Color

Yxy(33.1249, 0.2891, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	8C9FA6
RGB	140, 159, 166
RGB Percent	55%, 62%, 65%
CMY	0.4510, 0.3765, 0.3490
CMYK	0.16, 0.04, 0.00, 0.35
HSL	196°, 13%, 60%
HSV	196°, 16%, 65%
XYZ	30.0956, 33.1249, 40.8804
YIQ	154.1170, -13.5710, -1.8510

Conversions

Conversions Part 2

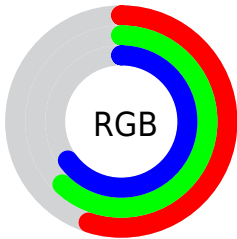
Format	Color
RYB	140, 151, 166
Decimal	9215910
CIELab	64.26, -5.16, -5.90
CIELCh	64, 7.840, 228.813
Yxy	33.1249, 0.2891, 0.3182
Android (android.graphics.Color)	4287405990 (0xFF8C9FA6)
YUV	154.1170, 5.8583, -12.3806
Hunter-Lab	57.5542, -7.3809, -1.8254

Details

The Yxy color **33.1249, 0.2891, 0.3182** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8639, 0.3398, 0.3396**, and the grayscale version is **32.3476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.7829, 0.2939, 0.3208**, and **14.1137, 0.2822, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **30.2838, 0.2743, 0.3105**, and if you desaturate by 10%, it is **36.2417, 0.3042, 0.3253**.

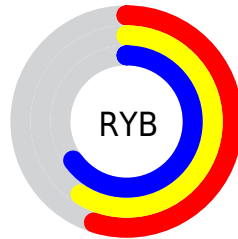
Distribution



Red (55%)

Green (62%)

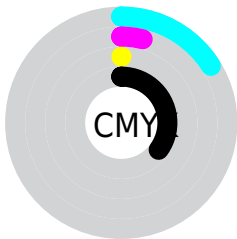
Blue (65%)



Red (55%)

Yellow (59%)

Blue (65%)

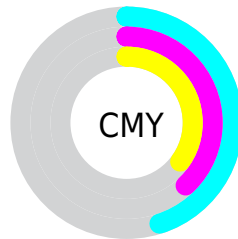


Cyan (16%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.1249, 0.2891, 0.3182 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 33.1249, 0.2891, 0.3182 by changing the saturation by 10% instead.

■ 33.1249, 0.2891,
0.3182

■ 33.1249, 0.2891,
0.3182

316.2122, 0.3015,
0.3240

■ 22.2221, 0.2858,
0.3166

■ 64.5705, 0.2938,
0.3204

■ 14.0202, 0.2814,
0.3145

■ 85.8821, 0.2955,
0.3212

■ 8.1347, 0.2754,
0.3114

■ 111.4321, 0.2969,
0.3219

■ 4.1813, 0.2664,
0.3069

141.6049, 0.2981,
0.3224

■ 1.7755, 0.2518,
0.2991

176.7850, 0.2991,
0.3229

■ 0.4718, 0.1874,
0.2742

217.3566, 0.3000,

■ 0.0000, 0.0000,

0.3233

0.0000

263.7042, 0.3008,
0.3237

■ 33.1249, 0.2891,
0.3182

■ 33.1249, 0.2891,
0.3182

■ 30.2838, 0.2743,
0.3105

■ 36.2417, 0.3042,
0.3253

■ 27.7041, 0.2600,
0.3021

■ 39.6397, 0.3192,
0.3317

■ 25.3760, 0.2465,
0.2932

■ 43.3295, 0.3341,
0.3375

■ 23.2876, 0.2342,
0.2838

■ 47.3198, 0.3485,
0.3426

■ 21.4258, 0.2235,
0.2740

■ 51.6188, 0.3624,
0.3471

■ 19.7759, 0.2144,
0.2641

■ 56.2345, 0.3758,
0.3511

■ 18.3211, 0.2073,
0.2542

■ 60.9470, 0.3875,
0.3546

■ 17.0396, 0.2020,
0.2443

■ 62.9135, 0.3858,
0.3592

■ 16.5157, 0.2000,
0.2400

■ 64.9398, 0.3842,
0.3638

Harmonies

Analogous

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



33.1249, 0.2929, 0.3289



33.1249, 0.2891, 0.3182



33.1249, 0.2914, 0.3107

Triad

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



33.1249, 0.2891, 0.3182



33.1249, 0.3233, 0.3184



33.1249, 0.3259, 0.3506

Complementary

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



33.1249, 0.2891, 0.3182



30.8639, 0.3398, 0.3396

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.



33.1249, 0.3344, 0.3472



33.1249, 0.2891, 0.3182



33.1249, 0.3329, 0.3286

Square

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



33.1249, 0.2891, 0.3182



33.1249, 0.3110, 0.3110



33.1249, 0.3369, 0.3391



33.1249, 0.3141, 0.3479

Rectangle

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



33.1249, 0.2891, 0.3182



33.1249, 0.2962, 0.3084



33.1249, 0.3369, 0.3391



33.1249, 0.3293, 0.3501

Sweetspot

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



33.1263, 0.2891, 0.3182



66.1162, 0.3050, 0.3257



34.9501, 0.3050, 0.3588



14.7060, 0.3040, 0.3252



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.1263, 0.2891, 0.3182



58.1637, 0.2836, 0.3154



28.9063, 0.2883, 0.2978



8.1857, 0.2987, 0.3228



12.8881, 0.2003, 0.2409



0.3912, 0.2093, 0.2734

Inverse Universe

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



29.3659, 0.3215, 0.3010



50.0353, 0.3239, 0.2942



35.1166, 0.3370, 0.3584



7.6317, 0.3177, 0.3126



7.3721, 0.4014, 0.1985



0.1872, 0.3697, 0.1810

Previews

White Background



This preview shows how the Yxy color 33.1249, 0.2891, 0.3182 looks on a white background.

Color Contrast Check

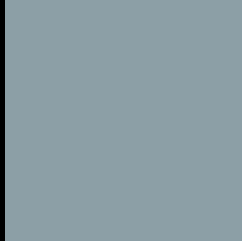
Large Text (above 18pt) WCAG AA × Fail

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 33.1249, 0.2891, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

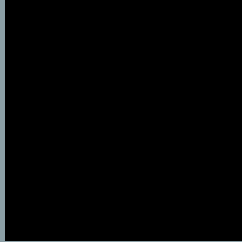
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

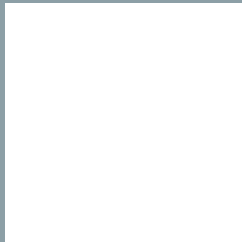
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 33.1249, 0.2891, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 33.1249, 0.2891, 0.3182.



This preview shows how white text looks on a background with the Yxy color 33.1249, 0.2891, 0.3182.

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

33.1249, 0.2891, 0.3182

Protanopia

33.1550, 0.3065, 0.3171

Deuteranopia

32.9597, 0.3109, 0.3045



Tritanopia

33.0567, 0.2858, 0.3092

Trichromacy



Original Color

33.1249, 0.2891, 0.3182

Protanomaly

32.9413, 0.2998, 0.3169

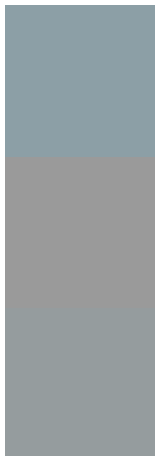
Deuteranomaly

32.9691, 0.3029, 0.3098

Tritanomaly

32.9810, 0.2875, 0.3122

Monochromacy



Original Color

33.1249, 0.2891, 0.3182

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.6351, 0.3041, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1249, 0.2891, 0.3182 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(140, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(140, 159, 166)  
}
```

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(140, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 159, 166) }
```

Border

The CSS property to change the border of an element to Yxy 33.1249, 0.2891, 0.3182 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(140, 159, 166) }
```

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

```
.border{ border-color:rgb(140, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(140, 159,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1249, 0.2891, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 159, 166) }
```

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

```
.background{ background-color: rgb(140,  
159, 166) }
```

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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