

Converting Colors

$Y_{xy}(39.0259, 0.2895, 0.3153)$

Have a look what the booklet for
Yxy(39.0259, 0.2895, 0.3153)
contains.

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Color

Yxy(39.1934, 0.2899, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	99ABB4
RGB	153, 171, 180
RGB Percent	60%, 67%, 71%
CMY	0.3998, 0.3294, 0.2941
CMYK	0.15, 0.05, 0.00, 0.29
HSL	200°, 15%, 65%
HSV	200°, 15%, 71%
XYZ	35.9448, 39.1934, 48.8523
YIQ	166.6440, -13.6170, -1.0170

Conversions

Conversions Part 2

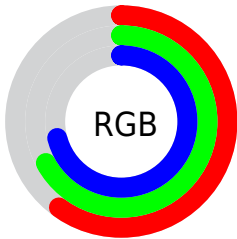
Format	Color
R_{YB}	153, 164, 180
Decimal	10070964
CIE _{Lab}	68.89, -4.33, -6.75
CIE _{LCh}	69, 8.017, 237.298
Yxy	39.1934, 0.2899, 0.3161
Android (android.graphics.Color)	4288261044 (0xFF99ABB4)
YUV	166.6440, 6.5845, -11.9658
Hunter-Lab	62.6046, -7.0712, -2.4425

Details

The Yxy color **39.1934, 0.2899, 0.3161** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8678, 0.3383, 0.3416**, and the grayscale version is **38.4383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8587, 0.2943, 0.3181**, and **17.5507, 0.2836, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **35.3507, 0.2747, 0.3064**, and if you desaturate by 10%, it is **43.4072, 0.3052, 0.3249**.

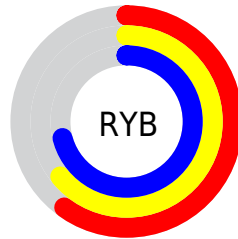
Distribution



Red (60%)

Green (67%)

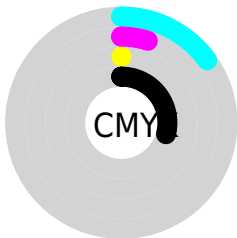
Blue (71%)



Red (60%)

Yellow (64%)

Blue (71%)

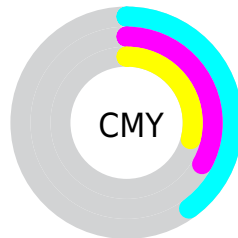


Cyan (15%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (40%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.1934, 0.2899, 0.3161 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 39.1934, 0.2899, 0.3161 by changing the saturation by 10% instead.

■ 39.1934, 0.2899,
0.3161

■ 39.1934, 0.2899,
0.3161

342.7120, 0.3016,
0.3228

■ 26.9102, 0.2869,
0.3143

■ 73.9337, 0.2942,
0.3186

■ 17.5058, 0.2830,
0.3120

■ 97.1596, 0.2958,
0.3195

■ 10.5958, 0.2777,
0.3088

124.8018, 0.2971,
0.3203

■ 5.7957, 0.2702,
0.3042

157.2448, 0.2983,
0.3210

■ 2.7213, 0.2585,
0.2969

194.8729, 0.2993,
0.3215

■ 0.9880, 0.2381,
0.2835

238.0705, 0.3001,

■ 0.0000, 0.0000,

0.3220

0.0000

287.2221, 0.3009,
0.3224

■ 39.1934, 0.2899,
0.3161

■ 39.1934, 0.2899,
0.3161

■ 35.3507, 0.2747,
0.3064

■ 43.4072, 0.3052,
0.3249

■ 31.8610, 0.2597,
0.2959

■ 47.9995, 0.3202,
0.3329

■ 28.7119, 0.2455,
0.2846

■ 52.9837, 0.3349,
0.3400

■ 25.8882, 0.2323,
0.2726

■ 58.3711, 0.3491,
0.3463

■ 23.3732, 0.2204,
0.2602

■ 64.1722, 0.3626,
0.3519

■ 21.1485, 0.2103,
0.2475

■ 69.2315, 0.3706,
0.3572

■ 19.1927, 0.2022,
0.2348

■ 72.2057, 0.3688,
0.3633

■ 17.4803, 0.1960,
0.2223

■ 75.2923, 0.3671,
0.3692

■ 16.6843, 0.1934,
0.2160

■ 78.4926, 0.3654,
0.3751

Harmonies

Analogous

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



39.1934, 0.2920, 0.3258



39.1934, 0.2899, 0.3161



39.1934, 0.2938, 0.3101

Triad

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



39.1934, 0.2899, 0.3161



39.1934, 0.3260, 0.3214



39.1934, 0.3225, 0.3497

Complementary

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



39.1934, 0.2899, 0.3161



37.8678, 0.3383, 0.3416

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.



39.1934, 0.3318, 0.3481



39.1934, 0.2899, 0.3161



39.1934, 0.3339, 0.3316

Square

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



39.1934, 0.2899, 0.3161



39.1934, 0.3145, 0.3132



39.1934, 0.3361, 0.3413



39.1934, 0.3106, 0.3456

Rectangle

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



39.1934, 0.2899, 0.3161



39.1934, 0.2993, 0.3088



39.1934, 0.3361, 0.3413



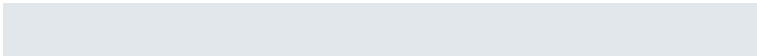
39.1934, 0.3260, 0.3498

Sweetspot

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



39.1950, 0.2899, 0.3161



79.4283, 0.3066, 0.3257



42.0311, 0.3039, 0.3549



17.0381, 0.3054, 0.3251



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.1950, 0.2899, 0.3161



68.6690, 0.2848, 0.3130



34.3701, 0.2892, 0.2964



9.1432, 0.2986, 0.3212



11.7715, 0.1938, 0.2175



0.4724, 0.2034, 0.2523

Inverse Universe

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



35.4422, 0.3228, 0.3045



60.6498, 0.3254, 0.2988



42.8649, 0.3356, 0.3596



8.5974, 0.3187, 0.3140



7.7285, 0.4259, 0.2120



0.2535, 0.3900, 0.1922

Previews

White Background



This preview shows how the Yxy color 39.1934, 0.2899, 0.3161 looks on a white background.

Color Contrast Check

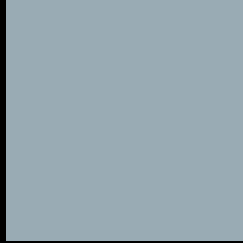
Large Text (above 18pt) WCAG AA × Fail

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 39.1934, 0.2899, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

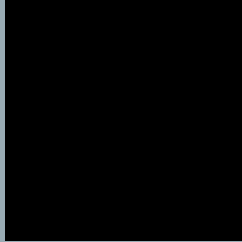
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

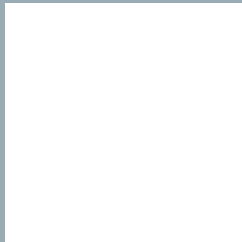
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1934, 0.2899, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 39.1934, 0.2899, 0.3161.



This preview shows how white text looks on a background with the Yxy color 39.1934, 0.2899, 0.3161.

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

39.1934, 0.2899, 0.3161

Protanopia

39.1366, 0.3052, 0.3151

Deuteranopia

39.0368, 0.3102, 0.3035



Tritanopia

39.0802, 0.2876, 0.3092

Trichromacy



Original Color

39.1934, 0.2899, 0.3161

Protanomaly

39.0061, 0.2999, 0.3150

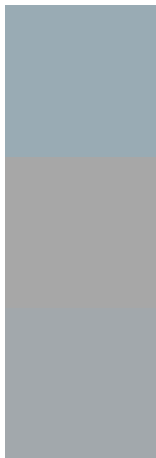
Deuteranomaly

39.0436, 0.3028, 0.3084

Tritanomaly

39.0384, 0.2883, 0.3105

Monochromacy



Original Color

39.1934, 0.2899, 0.3161

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.6652, 0.3039, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1934, 0.2899, 0.3161 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(153, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(153, 171, 180)  
}
```

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(153, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 171, 180) }
```

Border

The CSS property to change the border of an element to Yxy 39.1934, 0.2899, 0.3161 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(153, 171, 180) }
```

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

```
.border{ border-color:rgb(153, 171, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(153, 171,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1934, 0.2899, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 171, 180) }
```

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

```
.background{ background-color: rgb(153,  
171, 180) }
```

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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