

Converting Colors

$Yxy(34.8370, 0.2833, 0.3188)$

Have a look what the booklet for
Yxy(34.8370, 0.2833, 0.3188)
contains.

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Color

Yxy(34.8096, 0.2829, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	89A4AB
RGB	137, 164, 171
RGB Percent	54%, 64%, 67%
CMY	0.4629, 0.3568, 0.3294
CMYK	0.20, 0.04, 0.00, 0.33
HSL	192°, 17%, 60%
HSV	192°, 20%, 67%
XYZ	30.9382, 34.8096, 43.6132
YIQ	156.7250, -18.3390, -3.5470

Conversions

Conversions Part 2

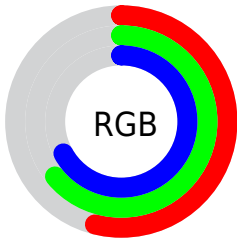
Format	Color
RYB	137, 152, 171
Decimal	9020587
CIELab	65.60, -7.78, -6.74
CIELCh	66, 10.293, 220.899
Yxy	34.8096, 0.2829, 0.3183
Android (android.graphics.Color)	4287210667 (0xFF89A4AB)
YUV	156.7250, 7.0376, -17.2988
Hunter-Lab	58.9997, -9.6476, -2.5280

Details

The Yxy color **34.8096, 0.2829, 0.3183** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3945, 0.3493, 0.3394**, and the grayscale version is **33.5591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2304, 0.2890, 0.3209**, and **14.8987, 0.2728, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **32.2401, 0.2686, 0.3122**, and if you desaturate by 10%, it is **37.6456, 0.2978, 0.3239**.

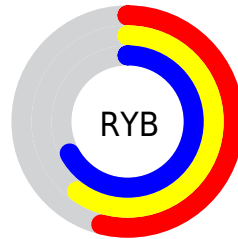
Distribution



Red (54%)

Green (64%)

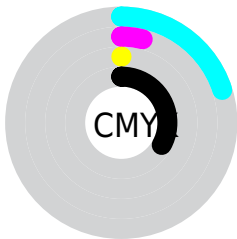
Blue (67%)



Red (54%)

Yellow (60%)

Blue (67%)

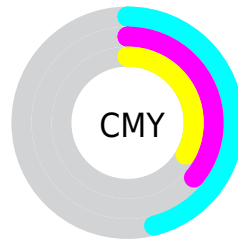


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.8096, 0.2829, 0.3183 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 34.8096, 0.2829, 0.3183 by changing the saturation by 10% instead.

■ 34.8096, 0.2829,
0.3183

■ 34.8096, 0.2829,
0.3183

■ 323.7271, 0.2984,
0.3241

■ 23.5162, 0.2788,
0.3167

■ 67.1907, 0.2887,
0.3205

■ 14.9752, 0.2735,
0.3146

■ 89.0472, 0.2908,
0.3213

■ 8.8020, 0.2661,
0.3116

■ 115.1936, 0.2926,
0.3220

■ 4.6122, 0.2554,
0.3070

■ 146.0143, 0.2941,
0.3225

■ 2.0216, 0.2384,
0.2993

■ 181.8935, 0.2954,
0.3230

■ 0.6200, 0.1834,
0.2848

■ 223.2158, 0.2965,

■ 0.0000, 0.0000,

0.3234

0.0000

270.3656, 0.2975,
0.3238

■ 34.8096, 0.2829,
0.3183

■ 34.8096, 0.2829,
0.3183

■ 32.2401, 0.2686,
0.3122

■ 37.6456, 0.2978,
0.3239

■ 29.9219, 0.2551,
0.3057

■ 40.7541, 0.3129,
0.3291

■ 27.8443, 0.2428,
0.2988

■ 44.1464, 0.3280,
0.3337

■ 25.9945, 0.2320,
0.2917

■ 47.8316, 0.3430,
0.3378

■ 24.3580, 0.2228,
0.2843

■ 51.8185, 0.3575,
0.3415

■ 22.9185, 0.2155,
0.2769

■ 56.1154, 0.3717,
0.3447

■ 21.6570, 0.2101,
0.2695

■ 60.4131, 0.3838,
0.3476

■ 20.5323, 0.2062,
0.2622

■ 61.9368, 0.3826,
0.3513

■ 20.5211, 0.2061,
0.2621

■ 63.4972, 0.3814,
0.3549

Harmonies

Analogous

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



34.8096, 0.2898, 0.3327



34.8096, 0.2829, 0.3183



34.8096, 0.2838, 0.3073

Triad

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



34.8096, 0.2829, 0.3183



34.8096, 0.3223, 0.3125



34.8096, 0.3332, 0.3565

Complementary

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



34.8096, 0.2829, 0.3183



30.3945, 0.3493, 0.3394

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.



34.8096, 0.3424, 0.3501



34.8096, 0.2829, 0.3183



34.8096, 0.3361, 0.3248

Square

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



34.8096, 0.2829, 0.3183



34.8096, 0.3062, 0.3043



34.8096, 0.3435, 0.3384



34.8096, 0.3186, 0.3553

Rectangle

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



34.8096, 0.2829, 0.3183



34.8096, 0.2886, 0.3033



34.8096, 0.3435, 0.3384



34.8096, 0.3370, 0.3551

Sweetspot

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



34.8110, 0.2829, 0.3183



69.4788, 0.3035, 0.3259



36.4463, 0.3047, 0.3716



15.4173, 0.3025, 0.3256



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



34.8110, 0.2829, 0.3183



60.2078, 0.2763, 0.3156



29.1783, 0.2813, 0.2919



8.7887, 0.2986, 0.3242



15.5474, 0.2063, 0.2628



0.5021, 0.2125, 0.2850

Inverse Universe

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



29.2206, 0.3221, 0.2901



48.4348, 0.3246, 0.2810



35.8779, 0.3447, 0.3636



8.1195, 0.3168, 0.3112



7.8726, 0.3797, 0.1865



0.2260, 0.3589, 0.1751

Previews

White Background



This preview shows how the Yxy color 34.8096, 0.2829, 0.3183 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 34.8096, 0.2829, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

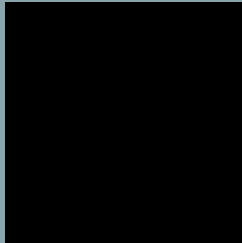
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

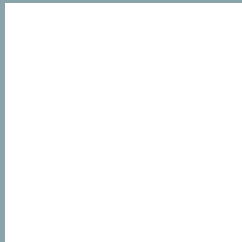
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8096, 0.2829, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 34.8096, 0.2829, 0.3183.



This preview shows how white text looks on a background with the Yxy color 34.8096, 0.2829, 0.3183.

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

34.8096, 0.2829, 0.3183

Protanopia

34.6147, 0.3057, 0.3159

Deuteranopia

34.7847, 0.3091, 0.3036



Tritanopia

34.7322, 0.2798, 0.3094

Trichromacy



Original Color

34.8096, 0.2829, 0.3183

Protanomaly

34.5481, 0.2974, 0.3171

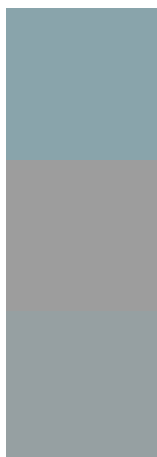
Deuteranomaly

34.6004, 0.2995, 0.3086

Tritanomaly

34.6537, 0.2813, 0.3123

Monochromacy



Original Color

34.8096, 0.2829, 0.3183

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.2343, 0.3015, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8096, 0.2829, 0.3183 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(137, 164, 171)` looks like.

```
.text, #text, p{  
    color:rgb(137, 164, 171)  
}
```

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(137, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 164, 171) }
```

Border

The CSS property to change the border of an element to Yxy 34.8096, 0.2829, 0.3183 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(137, 164, 171) }
```

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

```
.border{ border-color:rgb(137, 164, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 164, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 164, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 164, 171);  
box-shadow:4px 4px 4px 4px rgb(137, 164,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8096, 0.2829, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 164, 171) }
```

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

```
.background{ background-color: rgb(137,  
164, 171) }
```

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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