

Converting Colors

$Yxy(39.6209, 0.2900, 0.3347)$

Have a look what the booklet for
Yxy(39.6209, 0.2900, 0.3347)
contains.

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Color

Yxy(39.6200, 0.2903, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	91AFAB
RGB	145, 175, 171
RGB Percent	57%, 69%, 67%
CMY	0.4315, 0.3137, 0.3294
CMYK	0.17, 0.00, 0.02, 0.31
HSL	172°, 16%, 63%
HSV	172°, 17%, 69%
XYZ	34.3539, 39.6200, 44.3654
YIQ	165.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

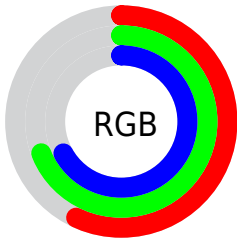
Format	Color
RYB	145, 161, 175
Decimal	9547691
CIELab	69.20, -11.07, -1.38
CIElCh	69, 11.155, 187.099
Yxy	39.6200, 0.2903, 0.3348
Android (android.graphics.Color)	4287737771 (0xFF91AFAB)
YUV	165.5740, 2.6750, -18.0434
Hunter-Lab	62.9444, -12.7307, 2.2714

Details

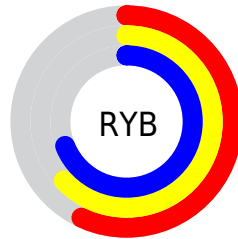
The Yxy color **39.6200, 0.2903, 0.3348** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.5266, 0.3407, 0.3233**, and the grayscale version is **37.9083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7849, 0.2946, 0.3345**, and **17.8775, 0.2835, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **38.0644, 0.2783, 0.3386**, and if you desaturate by 10%, it is **41.4253, 0.3031, 0.3313**.

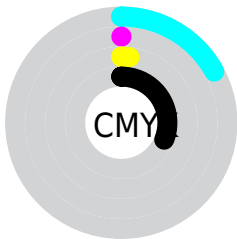
Distribution



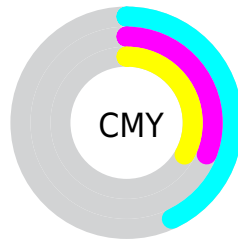
- Red (57%)
- Green (69%)
- Blue (67%)



- Red (57%)
- Yellow (63%)
- Blue (69%)



- Cyan (17%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)




- Cyan (43%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6200, 0.2903, 0.3348 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 39.6200, 0.2903, 0.3348 by changing the saturation by 10% instead.


 39.6200, 0.2903,
0.3348


 39.6200, 0.2903,
0.3348

344.5193, 0.3018,
0.3319

 27.2424, 0.2873,
0.3355


 74.5845, 0.2945,
0.3337

 17.7553, 0.2835,
0.3365


 97.9402, 0.2961,
0.3333

 10.7745, 0.2783,
0.3378


125.7241, 0.2974,
0.3330

 5.9154, 0.2708,
0.3395

158.3204, 0.2986,
0.3327

 2.7937, 0.2592,
0.3422

196.1138, 0.2995,
0.3325

 1.0250, 0.2366,
0.3477

239.4884, 0.3004,

 0.0000, 0.0000,

0.3322

0.0000

288.8288, 0.3011,
0.3321

■ 39.6200, 0.2903,
0.3348

■ 39.6200, 0.2903,
0.3348

■ 38.0644, 0.2783,
0.3386

■ 41.4253, 0.3031,
0.3313

■ 36.7425, 0.2674,
0.3426

■ 43.4859, 0.3166,
0.3281

■ 35.6438, 0.2579,
0.3469

■ 45.8133, 0.3303,
0.3253

■ 34.7552, 0.2500,
0.3514

■ 48.4169, 0.3441,
0.3227

■ 34.0623, 0.2438,
0.3560

■ 51.3054, 0.3578,
0.3205

■ 33.5485, 0.2396,
0.3606

■ 54.4874, 0.3712,
0.3185

■ 33.1950, 0.2372,
0.3652

■ 55.5269, 0.3735,
0.3163

■ 32.9736, 0.2365,
0.3698

■ 55.6280, 0.3714,
0.3138

■ 32.9199, 0.2364,
0.3711

■ 55.7308, 0.3693,
0.3114

Harmonies

Analogous

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



39.6200, 0.3044, 0.3487



39.6200, 0.2903, 0.3348



39.6200, 0.2823, 0.3196

Triad

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



39.6200, 0.2903, 0.3348



39.6200, 0.3039, 0.3028



39.6200, 0.3442, 0.3496

Complementary

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



39.6200, 0.2903, 0.3348



31.5266, 0.3407, 0.3233

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.



39.6200, 0.3442, 0.3370



39.6200, 0.2903, 0.3348



39.6200, 0.3206, 0.3105

Square

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



39.6200, 0.2903, 0.3348



39.6200, 0.2899, 0.3016



39.6200, 0.3354, 0.3228



39.6200, 0.3356, 0.3571

Rectangle

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



39.6200, 0.2903, 0.3348



39.6200, 0.2813, 0.3111



39.6200, 0.3354, 0.3228



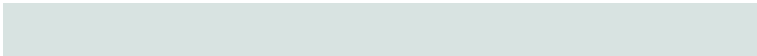
39.6200, 0.3452, 0.3458

Sweetspot

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



39.6216, 0.2903, 0.3348



74.9093, 0.3059, 0.3306



39.1421, 0.3146, 0.3740



16.5953, 0.3050, 0.3309



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.6216, 0.2903, 0.3348



69.7278, 0.2851, 0.3364



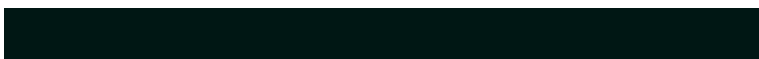
35.8419, 0.2866, 0.3134



9.0534, 0.3004, 0.3320



23.5784, 0.2363, 0.3706



0.6609, 0.2324, 0.3567

Inverse Universe

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



31.5266, 0.3407, 0.3233



52.2098, 0.3493, 0.3218



34.7632, 0.3424, 0.3441



8.0321, 0.3266, 0.3260



6.5776, 0.6200, 0.3189



0.1883, 0.5573, 0.2844

Previews

White Background



This preview shows how the Yxy color 39.6200, 0.2903, 0.3348 looks on a white background.

Color Contrast Check

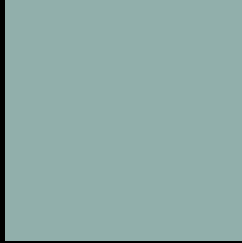
Large Text (above 18pt) WCAG AA × Fail

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 39.6200, 0.2903, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

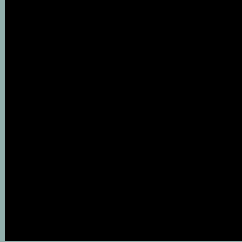
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

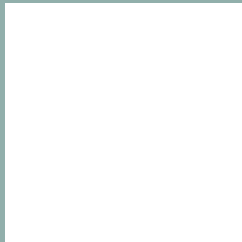
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.6200, 0.2903, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 39.6200, 0.2903, 0.3348.

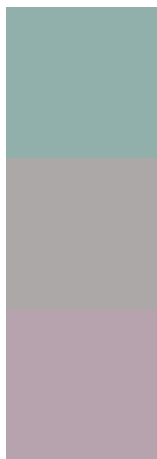


This preview shows how white text looks on a background with the Yxy color 39.6200, 0.2903, 0.3348.

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

39.6200, 0.2903, 0.3348

Protanopia

39.5659, 0.3173, 0.3304

Deuteranopia

39.2788, 0.3228, 0.3156



Tritanopia

39.7282, 0.2815, 0.3104

Trichromacy



Original Color

39.6200, 0.2903, 0.3348

Protanomaly

39.6344, 0.3071, 0.3332

Deuteranomaly

39.0510, 0.3103, 0.3220

Tritanomaly

39.8113, 0.2844, 0.3189

Monochromacy



Original Color

39.6200, 0.2903, 0.3348

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.4722, 0.3037, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6200, 0.2903, 0.3348 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(145, 175, 171)` looks like.

```
.text, #text, p{  
    color:rgb(145, 175, 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(145, 175, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 175, 171) }
```

Border

The CSS property to change the border of an element to Yxy 39.6200, 0.2903, 0.3348 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(145, 175, 171) }
```

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

```
.border{ border-color:rgb(145, 175, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 175, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 175, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 175, 171);  
box-shadow:4px 4px 4px 4px rgb(145, 175,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6200, 0.2903, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 175, 171) }
```

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

```
.background{ background-color: rgb(145,  
175, 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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