

Converting Colors

$Yxy(40.8433, 0.2855, 0.3186)$

Have a look what the booklet for
Yxy(40.8433, 0.2855, 0.3186)
contains.

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Color

Yxy(40.9536, 0.2855, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	96B0B7
RGB	150, 176, 183
RGB Percent	59%, 69%, 72%
CMY	0.4117, 0.3098, 0.2823
CMYK	0.18, 0.04, 0.00, 0.28
HSL	193°, 19%, 65%
HSV	193°, 18%, 72%
XYZ	36.6528, 40.9536, 50.7748
YIQ	169.0240, -17.7430, -3.3350

Conversions

Conversions Part 2

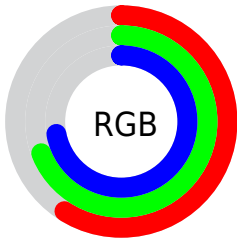
Format	Color
RYB	150, 165, 183
Decimal	9875639
CIELab	70.14, -7.37, -6.57
CIELCh	70, 9.874, 221.713
Yxy	40.9536, 0.2855, 0.3190
Android (android.graphics.Color)	4288065719 (0xFF96B0B7)
YUV	169.0240, 6.8902, -16.6840
Hunter-Lab	63.9950, -9.7562, -2.2452

Details

The Yxy color **40.9536, 0.2855, 0.3190** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3926, 0.3453, 0.3388**, and the grayscale version is **39.6629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9244, 0.2908, 0.3214**, and **18.6797, 0.2780, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **37.8499, 0.2710, 0.3127**, and if you desaturate by 10%, it is **44.3755, 0.3005, 0.3248**.

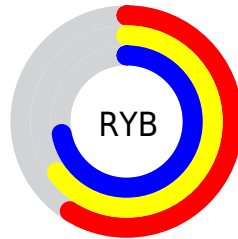
Distribution



Red (59%)

Green (69%)

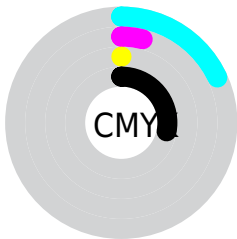
Blue (72%)



Red (59%)

Yellow (65%)

Blue (72%)

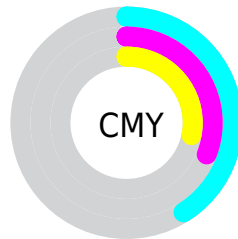


Cyan (18%)

Magenta (4%)

Yellow (0%)

Black (28%)



Cyan (41%)


Magenta (31%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9536, 0.2855, 0.3190 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 40.9536, 0.2855, 0.3190 by changing the saturation by 10% instead.


 40.9536, 0.2855,
0.3190


 40.9536, 0.2855,
0.3190


350.1267, 0.2993,
0.3242

 28.2828, 0.2820,
0.3176

 76.6135, 0.2906,
0.3210

 18.5390, 0.2775,
0.3158


 100.3713, 0.2924,
0.3217

 11.3376, 0.2714,
0.3133

128.5937, 0.2940,
0.3223

 6.2944, 0.2627,
0.3096

161.6649, 0.2954,
0.3228

 3.0249, 0.2496,
0.3037

199.9695, 0.2966,
0.3232

 1.1448, 0.2273,
0.2929

243.8917, 0.2976,

 0.0159, 0.0000,

0.3236

0.0322

293.8159, 0.2985,
0.3239

0.0000, 0.0000,
0.0000

40.9536, 0.2855,
0.3190

40.9536, 0.2855,
0.3190

37.8499, 0.2710,
0.3127

44.3755, 0.3005,
0.3248

35.0464, 0.2572,
0.3060

48.1225, 0.3157,
0.3300

32.5309, 0.2446,
0.2989

52.2078, 0.3309,
0.3347

30.2882, 0.2333,
0.2915

56.6422, 0.3458,
0.3389

28.3016, 0.2237,
0.2839

61.4359, 0.3604,
0.3426

■ 26.5523, 0.2160,
0.2761

■ 65.6729, 0.3704,
0.3461

■ 25.0182, 0.2102,
0.2684

■ 67.4881, 0.3693,
0.3501

■ 23.6647, 0.2061,
0.2608

■ 69.3494, 0.3682,
0.3541

■ 23.4077, 0.2054,
0.2592

■ 71.2571, 0.3671,
0.3580

Harmonies

Analogous

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



40.9536, 0.2916, 0.3320



40.9536, 0.2855, 0.3190



40.9536, 0.2865, 0.3091

Triad

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



40.9536, 0.2855, 0.3190



40.9536, 0.3218, 0.3142



40.9536, 0.3310, 0.3540

Complementary

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



40.9536, 0.2855, 0.3190



36.3926, 0.3453, 0.3388

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.



40.9536, 0.3396, 0.3485



40.9536, 0.2855, 0.3190



40.9536, 0.3342, 0.3255

Square

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



40.9536, 0.2855, 0.3190



40.9536, 0.3072, 0.3067



40.9536, 0.3407, 0.3380



40.9536, 0.3177, 0.3527

Rectangle

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



40.9536, 0.2855, 0.3190



40.9536, 0.2911, 0.3055



40.9536, 0.3407, 0.3380



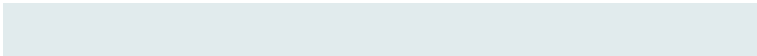
40.9536, 0.3346, 0.3528

Sweetspot

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



40.9553, 0.2855, 0.3190



81.3838, 0.3050, 0.3264



42.7760, 0.3054, 0.3673



17.8736, 0.3039, 0.3260



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.9553, 0.2855, 0.3190



70.8652, 0.2791, 0.3163



35.0168, 0.2843, 0.2955



9.8781, 0.2985, 0.3240



16.4309, 0.2056, 0.2602



0.6615, 0.2111, 0.2799

Inverse Universe

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



35.0210, 0.3213, 0.2940



58.2135, 0.3238, 0.2853



42.1994, 0.3416, 0.3604



9.1292, 0.3169, 0.3112



8.4410, 0.3822, 0.1879



0.3059, 0.3636, 0.1777

Previews

White Background



This preview shows how the Yxy color 40.9536, 0.2855, 0.3190 looks on a white background.

Color Contrast Check

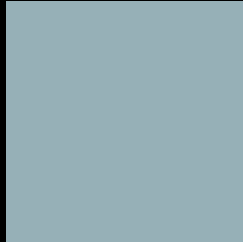
Large Text (above 18pt) WCAG AA × Fail

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 40.9536, 0.2855, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

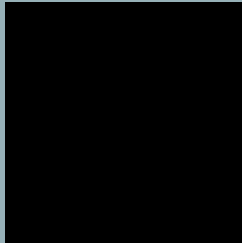
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

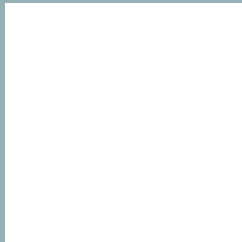
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9536, 0.2855, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 40.9536, 0.2855, 0.3190.



This preview shows how white text looks on a background with the Yxy color 40.9536, 0.2855, 0.3190.

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

40.9536, 0.2855, 0.3190

Protanopia

40.7748, 0.3070, 0.3167

Deuteranopia

40.5990, 0.3103, 0.3039



Tritanopia

40.9134, 0.2818, 0.3093

Trichromacy



Original Color

40.9536, 0.2855, 0.3190

Protanomaly

40.6928, 0.2992, 0.3179

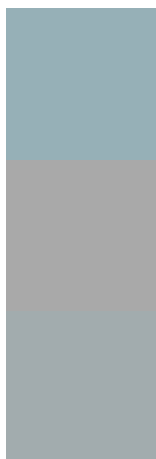
Deuteranomaly

40.7562, 0.3012, 0.3100

Tritanomaly

40.8271, 0.2833, 0.3121

Monochromacy



Original Color

40.9536, 0.2855, 0.3190

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.2424, 0.3023, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9536, 0.2855, 0.3190 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(150, 176, 183)` looks like.

```
.text, #text, p{  
    color:rgb(150, 176, 183)  
}
```

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(150, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 176, 183) }
```

Border

The CSS property to change the border of an element to Yxy 40.9536, 0.2855, 0.3190 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(150, 176, 183) }
```

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

```
.border{ border-color:rgb(150, 176, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 176, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 176, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 176, 183);  
box-shadow:4px 4px 4px 4px rgb(150, 176,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9536, 0.2855, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 176, 183) }
```

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

```
.background{ background-color: rgb(150,  
176, 183) }
```

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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