

Converting Colors

$Y_{xy}(40.8893, 0.2996, 0.3570)$

Have a look what the booklet for
Yxy(40.8893, 0.2996, 0.3570)
contains.

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Color

Yxy(40.8893, 0.2996, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	92B3A0
RGB	146, 179, 160
RGB Percent	57%, 70%, 63%
CMY	0.4275, 0.2980, 0.3726
CMYK	0.18, 0.00, 0.11, 0.30
HSL	145°, 18%, 64%
HSV	145°, 18%, 70%
XYZ	34.3149, 40.8893, 39.3316
YIQ	166.9670, -13.5690, -12.9050

Conversions

Conversions Part 2

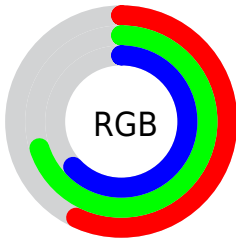
Format	Color
RYB	146, 169, 179
Decimal	9614240
CIELab	70.10, -15.08, 6.01
CIELCh	70, 16.237, 158.283
Yxy	40.8893, 0.2996, 0.3570
Android (android.graphics.Color)	4287804320 (0xFF92B3A0)
YUV	166.9670, -3.4347, -18.3881
Hunter-Lab	63.9447, -16.1141, 8.2928

Details

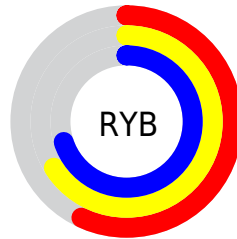
The Yxy color **40.8893, 0.2996, 0.3570** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.8534, 0.3284, 0.3026**, and the grayscale version is **38.6470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6023, 0.3018, 0.3514**, and **18.4587, 0.2950, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **39.0311, 0.2929, 0.3746**, and if you desaturate by 10%, it is **43.0378, 0.3067, 0.3411**.

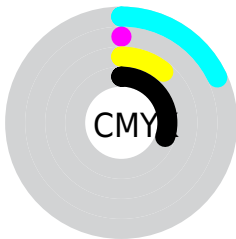
Distribution



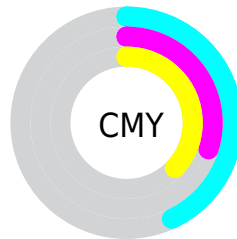
- Red (57%)
- Green (70%)
- Blue (63%)



- Red (57%)
- Yellow (66%)
- Blue (70%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)





- Cyan (43%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8893, 0.2996, 0.3570 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 40.8893, 0.2996, 0.3570 by changing the saturation by 10% instead.


 40.8893, 0.2996,
0.3570

 40.8893, 0.2996,
0.3570


349.8577, 0.3064,
0.3424

 28.2326, 0.2978,
0.3608


 76.5158, 0.3022,
0.3516

 18.5011, 0.2954,
0.3659


 100.2544, 0.3031,
0.3496

 11.3103, 0.2921,
0.3729


128.4558, 0.3039,
0.3479

 6.2760, 0.2873,
0.3831

161.5043, 0.3045,
0.3465

 3.0136, 0.2797,
0.3995

199.7844, 0.3051,
0.3452

 1.1388, 0.2640,
0.4330

243.6803, 0.3056,

 0.0109, 0.0000,

0.3442

1.0000

293.5767, 0.3061,
0.3432

0.0000, 0.0000,
0.0000

40.8893, 0.2996,
0.3570

40.8893, 0.2996,
0.3570

39.0311, 0.2929,
0.3746

43.0378, 0.3067,
0.3411

37.4453, 0.2868,
0.3939

45.4832, 0.3138,
0.3269

36.1201, 0.2816,
0.4146

48.2384, 0.3210,
0.3144

35.0406, 0.2776,
0.4365

51.3140, 0.3279,
0.3033

34.1905, 0.2752,
0.4588

54.7201, 0.3347,
0.2936

■ 33.5513, 0.2746,
0.4810

■ 58.4663, 0.3411,
0.2852

■ 33.1014, 0.2758,
0.5023

■ 59.3408, 0.3340,
0.2755

■ 32.8049, 0.2787,
0.5221

■ 59.9448, 0.3258,
0.2658

■ 32.7646, 0.2792,
0.5250

■ 60.5839, 0.3179,
0.2566

Harmonies

Analogous

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



40.8893, 0.3233, 0.3694



40.8893, 0.2996, 0.3570



40.8893, 0.2799, 0.3363

Triad

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



40.8893, 0.2996, 0.3570



40.8893, 0.2807, 0.2898



40.8893, 0.3585, 0.3408

Complementary

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



40.8893, 0.2996, 0.3570



32.8534, 0.3284, 0.3026

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.



40.8893, 0.3462, 0.3208



40.8893, 0.2996, 0.3570



40.8893, 0.3008, 0.2921

Square

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



40.8893, 0.2996, 0.3570



40.8893, 0.2693, 0.2976



40.8893, 0.3248, 0.3033



40.8893, 0.3579, 0.3588

Rectangle

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



40.8893, 0.2996, 0.3570



40.8893, 0.2715, 0.3214



40.8893, 0.3248, 0.3033



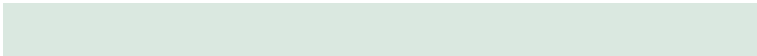
40.8893, 0.3557, 0.3341

Sweetspot

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



40.8910, 0.2996, 0.3570



78.0497, 0.3083, 0.3376



42.3452, 0.3274, 0.3759



17.2320, 0.3079, 0.3386



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.



40.8910, 0.2996, 0.3570



71.8595, 0.2969, 0.3637



41.4985, 0.2875, 0.3329



9.5479, 0.3060, 0.3424



23.1624, 0.2786, 0.5228



0.7406, 0.2627, 0.4658

Inverse Universe

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



32.8534, 0.3284, 0.3026



54.8852, 0.3325, 0.2967



32.2978, 0.3451, 0.3252



8.5846, 0.3200, 0.3160



7.4794, 0.4613, 0.2315



0.2467, 0.4124, 0.2046

Previews

White Background



This preview shows how the Yxy color 40.8893, 0.2996, 0.3570 looks on a white background.

Color Contrast Check

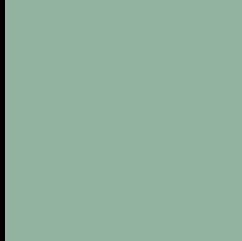
Large Text (above 18pt) WCAG AA × Fail

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 40.8893, 0.2996, 0.3570 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 40.8893, 0.2996, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 40.8893, 0.2996, 0.3570.



This preview shows how white text looks on a background with the Yxy color 40.8893, 0.2996, 0.3570.

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

40.8893, 0.2996, 0.3570

Protanopia

40.5810, 0.3331, 0.3497

Deuteranopia

40.5018, 0.3383, 0.3317



Tritanopia

40.9134, 0.2818, 0.3093

Trichromacy



Original Color

40.8893, 0.2996, 0.3570

Protanomaly

40.4285, 0.3198, 0.3517

Deuteranomaly

40.3568, 0.3232, 0.3401

Tritanomaly

40.6546, 0.2884, 0.3261

Monochromacy



Original Color

40.8893, 0.2996, 0.3570

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.1771, 0.3078, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8893, 0.2996, 0.3570 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(146, 179, 160)` looks like.

```
.text, #text, p{  
    color:rgb(146, 179, 160)  
}
```

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(146, 179, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 179, 160) }
```

Border

The CSS property to change the border of an element to Yxy 40.8893, 0.2996, 0.3570 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(146, 179, 160) }
```

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

```
.border{ border-color:rgb(146, 179, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 179, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 179, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 179, 160);  
box-shadow:4px 4px 4px 4px rgb(146, 179,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8893, 0.2996, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 179, 160) }
```

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

```
.background{ background-color: rgb(146,  
179, 160) }
```

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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