

Converting Colors

$Yxy(41.0190, 0.3021, 0.3606)$

Have a look what the booklet for
Yxy(41.0190, 0.3021, 0.3606)
contains.

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Color

Yxy(40.9119, 0.3020, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	93B39E
RGB	147, 179, 158
RGB Percent	58%, 70%, 62%
CMY	0.4233, 0.2981, 0.3804
CMYK	0.18, 0.00, 0.12, 0.30
HSL	141°, 17%, 64%
HSV	141°, 18%, 70%
XYZ	34.3301, 40.9119, 38.4338
YIQ	167.0380, -12.3310, -13.3150

Conversions

Conversions Part 2

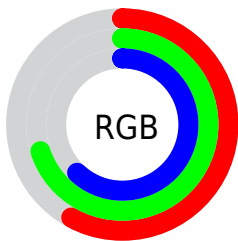
Format	Color
RYB	147, 171, 179
Decimal	9679774
CIELab	70.11, -15.10, 7.13
CIELCh	70, 16.698, 154.733
Yxy	40.9119, 0.3020, 0.3599
Android (android.graphics.Color)	4287869854 (0xFF93B39E)
YUV	167.0380, -4.4557, -17.5733
Hunter-Lab	63.9624, -16.1292, 9.1475

Details

The Yxy color **40.9119, 0.3020, 0.3599** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.2935, 0.3253, 0.3000**, and the grayscale version is **38.6942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6383, 0.3036, 0.3536**, and **18.4700, 0.2982, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **38.9990, 0.2963, 0.3801**, and if you desaturate by 10%, it is **43.1245, 0.3080, 0.3418**.

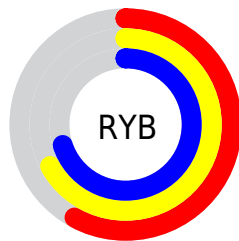
Distribution



Red (58%)

Green (70%)

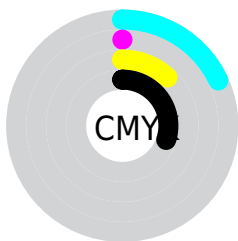
Blue (62%)



Red (58%)

Yellow (67%)

Blue (70%)

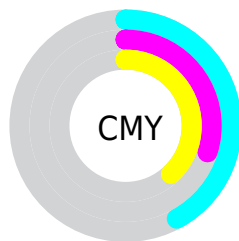


Cyan (18%)

Magenta (0%)

Yellow (12%)

Black (30%)



Cyan (42%)


Magenta (30%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9119, 0.3020, 0.3599 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 40.9119, 0.3020, 0.3599 by changing the saturation by 10% instead.


 40.9119, 0.3020,
0.3599


 40.9119, 0.3020,
0.3599


349.9523, 0.3076,
0.3438

 28.2503, 0.3005,
0.3642


 76.5501, 0.3041,
0.3539

 18.5144, 0.2985,
0.3698


 100.2955, 0.3049,
0.3517

 11.3199, 0.2957,
0.3775


128.5043, 0.3055,
0.3498

 6.2824, 0.2916,
0.3889

161.5608, 0.3061,
0.3482

 3.0176, 0.2850,
0.4072

199.8494, 0.3066,
0.3469

 1.1409, 0.2720,
0.4461

243.7546, 0.3070,

 0.0126, 0.0000,

0.3457

1.0000

293.6608, 0.3073,
0.3447

0.0000, 0.0000,
0.0000

40.9119, 0.3020,
0.3599

40.9119, 0.3020,
0.3599

38.9990, 0.2963,
0.3801

43.1245, 0.3080,
0.3418

37.3678, 0.2910,
0.4021

45.6438, 0.3140,
0.3257

36.0059, 0.2865,
0.4259

48.4830, 0.3200,
0.3115

34.8982, 0.2831,
0.4507

51.6529, 0.3257,
0.2991

34.0282, 0.2812,
0.4760

55.1638, 0.3312,
0.2882

■ 33.3769, 0.2808,
0.5007

■ 59.0257, 0.3365,
0.2788

■ 32.9225, 0.2822,
0.5238

■ 59.8093, 0.3275,
0.2678

■ 32.6315, 0.2850,
0.5443

■ 60.5326, 0.3184,
0.2572

■ 32.5786, 0.2857,
0.5484

■ 60.7177, 0.3162,
0.2546

Harmonies

Analogous

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



40.9119, 0.3265, 0.3713



40.9119, 0.3020, 0.3599



40.9119, 0.2810, 0.3392

Triad

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



40.9119, 0.3020, 0.3599



40.9119, 0.2779, 0.2891



40.9119, 0.3590, 0.3387

Complementary

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



40.9119, 0.3020, 0.3599



33.2935, 0.3253, 0.3000

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.



40.9119, 0.3449, 0.3182



40.9119, 0.3020, 0.3599



40.9119, 0.2977, 0.2903

Square

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



40.9119, 0.3020, 0.3599



40.9119, 0.2675, 0.2983



40.9119, 0.3222, 0.3008



40.9119, 0.3600, 0.3577

Rectangle

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



40.9119, 0.3020, 0.3599



40.9119, 0.2715, 0.3238



40.9119, 0.3222, 0.3008



40.9119, 0.3556, 0.3318

Sweetspot

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



40.9136, 0.3020, 0.3599



78.4319, 0.3096, 0.3372



42.7085, 0.3293, 0.3740



17.3094, 0.3092, 0.3383



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.



40.9136, 0.3020, 0.3599



72.0192, 0.2999, 0.3667



41.4882, 0.2902, 0.3366



9.5366, 0.3071, 0.3443



23.0345, 0.2851, 0.5462



0.7360, 0.2684, 0.4861

Inverse Universe

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



33.2935, 0.3253, 0.3000



56.0871, 0.3282, 0.2940



32.7440, 0.3410, 0.3216



8.5962, 0.3188, 0.3141



7.7031, 0.4291, 0.2138



0.2528, 0.3920, 0.1933

Previews

White Background



This preview shows how the Yxy color 40.9119, 0.3020, 0.3599 looks on a white background.

Color Contrast Check

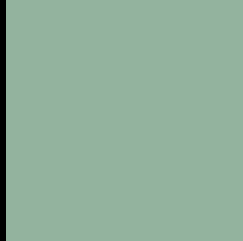
Large Text (above 18pt) WCAG AA × Fail

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 40.9119, 0.3020, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

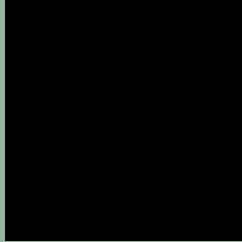
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9119, 0.3020, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 40.9119, 0.3020, 0.3599.



This preview shows how white text looks on a background with the Yxy color 40.9119, 0.3020, 0.3599.

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

40.9119, 0.3020, 0.3599

Protanopia

40.5143, 0.3349, 0.3525

Deuteranopia

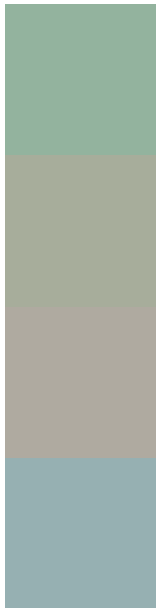
40.5598, 0.3411, 0.3344



Tritanopia

41.0095, 0.2826, 0.3094

Trichromacy



Original Color

40.9119, 0.3020, 0.3599

Protanomaly

40.4692, 0.3224, 0.3545

Deuteranomaly

40.4015, 0.3259, 0.3429

Tritanomaly

40.7491, 0.2892, 0.3261

Monochromacy



Original Color

40.9119, 0.3020, 0.3599

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.2797, 0.3087, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9119, 0.3020, 0.3599 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(147, 179, 158)` looks like.

```
.text, #text, p{  
    color:rgb(147, 179, 158)  
}
```

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(147, 179, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 179, 158) }
```

Border

The CSS property to change the border of an element to Yxy 40.9119, 0.3020, 0.3599 is called "border". The border property can be set on classes, ids or directly on the HTML element.

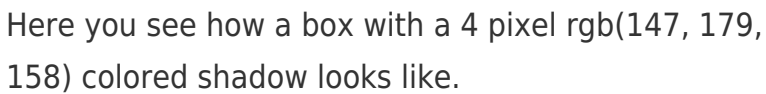
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 179, 158) }
```

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

```
.border{ border-color:rgb(147, 179, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 179, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 179, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 179, 158); box-shadow:4px 4px 4px 4px rgb(147, 179, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9119, 0.3020, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 179, 158) }
```

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

```
.background{ background-color: rgb(147,  
179, 158) }
```

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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