

Converting Colors

$Y_{xy}(41.1309, 0.3003, 0.3615)$

Have a look what the booklet for
Yxy(41.1309, 0.3003, 0.3615)
contains.

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Color

Yxy(41.1309, 0.3003, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	91B49E
RGB	145, 180, 158
RGB Percent	57%, 71%, 62%
CMY	0.4314, 0.2941, 0.3804
CMYK	0.19, 0.00, 0.12, 0.29
HSL	142°, 19%, 64%
HSV	142°, 19%, 71%
XYZ	34.1677, 41.1309, 38.4799
YIQ	167.0270, -13.7980, -14.2620

Conversions

Conversions Part 2

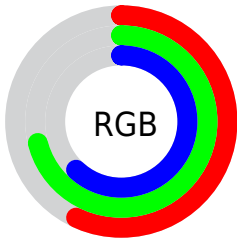
Format	Color
RYB	145, 171, 180
Decimal	9548958
CIELab	70.27, -16.32, 7.34
CIElCh	70, 17.897, 155.803
Yxy	41.1309, 0.3003, 0.3615
Android (android.graphics.Color)	4287739038 (0xFF91B49E)
YUV	167.0270, -4.4503, -19.3177
Hunter-Lab	64.1334, -17.1359, 9.3195

Details

The Yxy color **41.1309, 0.3003, 0.3615** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.7428, 0.3276, 0.2986**, and the grayscale version is **38.6842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9371, 0.3023, 0.3548**, and **18.6200, 0.2960, 0.3709** is the 20% darker color. If you saturate the color by 10%, you get **39.2530, 0.2943, 0.3810**, and if you desaturate by 10%, it is **43.3073, 0.3066, 0.3439**.

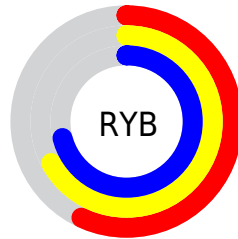
Distribution



Red (57%)

Green (71%)

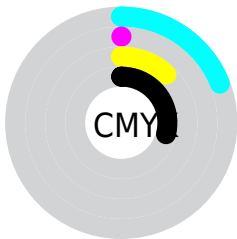
Blue (62%)



Red (57%)

Yellow (67%)

Blue (71%)

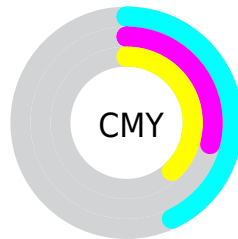


Cyan (19%)

Magenta (0%)

Yellow (12%)

Black (29%)



Cyan (43%)


Magenta (29%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1309, 0.3003, 0.3615 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 41.1309, 0.3003, 0.3615 by changing the saturation by 10% instead.

 41.1309, 0.3003,
0.3615


 41.1309, 0.3003,
0.3615


350.8674, 0.3068,
0.3445

 28.4214, 0.2986,
0.3660


 76.8826, 0.3027,
0.3552

 18.6435, 0.2963,
0.3719


 100.6935, 0.3036,
0.3528

 11.4130, 0.2931,
0.3801


128.9737, 0.3044,
0.3509

 6.3453, 0.2884,
0.3920

162.1075, 0.3050,
0.3492

 3.0562, 0.2808,
0.4113

200.4795, 0.3056,
0.3478

 1.1611, 0.2655,
0.4522

244.4738, 0.3060,

 0.0296, 0.0000,

0.3466

1.0000

294.4750, 0.3065,
0.3455

0.0000, 0.0000,
0.0000

41.1309, 0.3003,
0.3615

41.1309, 0.3003,
0.3615

39.2530, 0.2943,
0.3810

43.3073, 0.3066,
0.3439

37.6551, 0.2888,
0.4024

45.7893, 0.3131,
0.3282

36.3250, 0.2842,
0.4253

48.5901, 0.3194,
0.3143

35.2472, 0.2808,
0.4492

51.7208, 0.3257,
0.3021

34.4046, 0.2789,
0.4735

55.1918, 0.3316,
0.2915

■ 33.7779, 0.2788,
0.4973

■ 59.0131, 0.3373,
0.2822

■ 33.3447, 0.2804,
0.5196

■ 60.0331, 0.3298,
0.2717

■ 33.0623, 0.2834,
0.5396

■ 60.7166, 0.3210,
0.2613

■ 33.0484, 0.2835,
0.5407

■ 61.1255, 0.3162,
0.2556

Harmonies

Analogous

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



41.1309, 0.3264, 0.3742



41.1309, 0.3003, 0.3615



41.1309, 0.2781, 0.3390

Triad

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



41.1309, 0.3003, 0.3615



41.1309, 0.2761, 0.2863



41.1309, 0.3625, 0.3400

Complementary

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



41.1309, 0.3003, 0.3615



32.7428, 0.3276, 0.2986

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.



41.1309, 0.3479, 0.3181



41.1309, 0.3003, 0.3615



41.1309, 0.2975, 0.2880

Square

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



41.1309, 0.3003, 0.3615



41.1309, 0.2646, 0.2956



41.1309, 0.3238, 0.2995



41.1309, 0.3630, 0.3602

Rectangle

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



41.1309, 0.3003, 0.3615



41.1309, 0.2683, 0.3225



41.1309, 0.3238, 0.2995



41.1309, 0.3591, 0.3327

Sweetspot

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



41.1326, 0.3003, 0.3615



79.9626, 0.3088, 0.3384



42.9233, 0.3298, 0.3784



17.2224, 0.3084, 0.3394



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.



41.1326, 0.3003, 0.3615



73.1699, 0.2979, 0.3690



41.7729, 0.2874, 0.3357



9.5405, 0.3067, 0.3437



23.0758, 0.2829, 0.5384



0.7376, 0.2663, 0.4788

Inverse Universe

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



32.7428, 0.3276, 0.2986



55.3809, 0.3313, 0.2922



32.1434, 0.3454, 0.3225



8.5921, 0.3192, 0.3148



7.6208, 0.4402, 0.2199



0.2506, 0.3990, 0.1972

Previews

White Background



This preview shows how the Yxy color 41.1309, 0.3003, 0.3615 looks on a white background.

Color Contrast Check

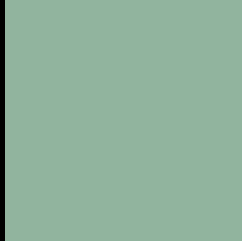
Large Text (above 18pt) WCAG AA × Fail

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 41.1309, 0.3003, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

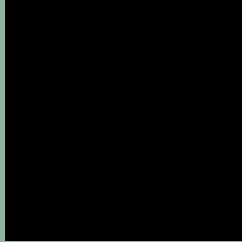
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1309, 0.3003, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 41.1309, 0.3003, 0.3615.



This preview shows how white text looks on a background with the Yxy color 41.1309, 0.3003, 0.3615.

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

41.1309, 0.3003, 0.3615

Protanopia

41.0094, 0.3356, 0.3538

Deuteranopia

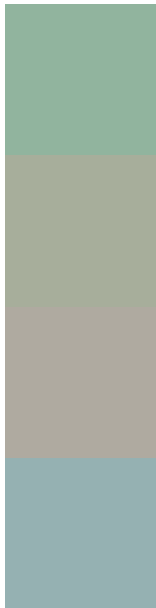
40.6899, 0.3421, 0.3344



Tritanopia

40.9134, 0.2818, 0.3093

Trichromacy



Original Color

41.1309, 0.3003, 0.3615

Protanomaly

40.8542, 0.3222, 0.3559

Deuteranomaly

40.4015, 0.3259, 0.3429

Tritanomaly

41.0482, 0.2884, 0.3275

Monochromacy



Original Color

41.1309, 0.3003, 0.3615

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.5563, 0.3077, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1309, 0.3003, 0.3615 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, 180, 158)` looks like.

```
.text, #text, p{  
  color:rgb(145, 180, 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(145, 180, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 180, 158) }
```

Border

The CSS property to change the border of an element to Yxy 41.1309, 0.3003, 0.3615 is called "border". The border property can be set on classes, ids or directly on the HTML element.

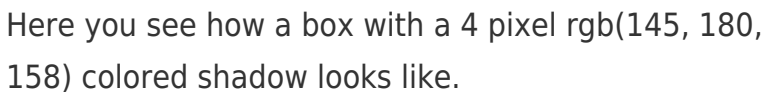
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 180, 158) }
```

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

```
.border{ border-color:rgb(145, 180, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 180, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 180, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 180, 158); box-shadow:4px 4px 4px 4px rgb(145, 180, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1309, 0.3003, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 180, 158) }
```

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

```
.background{ background-color: rgb(145,  
180, 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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