

Converting Colors

$Yxy(41.4927, 0.3081, 0.3520)$

Have a look what the booklet for
Yxy(41.4927, 0.3081, 0.3520)
contains.

Yxy(41.6175, 0.3073, 0.3519)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.6175, 0.3073, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	9DB2A2
RGB	157, 178, 162
RGB Percent	62%, 70%, 64%
CMY	0.3844, 0.3019, 0.3647
CMYK	0.12, 0.00, 0.09, 0.30
HSL	134°, 12%, 66%
HSV	134°, 12%, 70%
XYZ	36.3429, 41.6175, 40.3048
YIQ	169.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

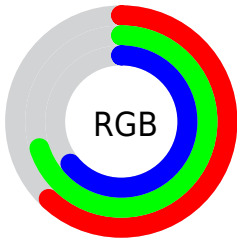
Format	Color
RYB	157, 174, 178
Decimal	10334882
CIELab	70.61, -10.40, 5.72
CIELCh	71, 11.864, 151.183
Yxy	41.6175, 0.3073, 0.3519
Android (android.graphics.Color)	4288524962 (0xFF9DB2A2)
YUV	169.8970, -3.8932, -11.3107
Hunter-Lab	64.5116, -12.3367, 8.1157

Details

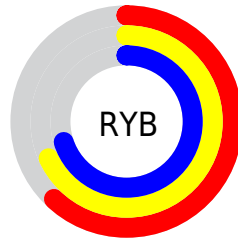
The Yxy color **41.6175, 0.3073, 0.3519** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5861, 0.3186, 0.3071**, and the grayscale version is **40.1657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8524, 0.3085, 0.3476**, and **18.8572, 0.3066, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **39.5019, 0.3027, 0.3739**, and if you desaturate by 10%, it is **44.0493, 0.3119, 0.3323**.

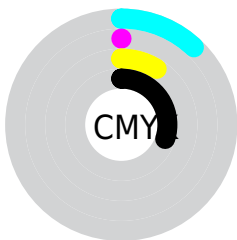
Distribution



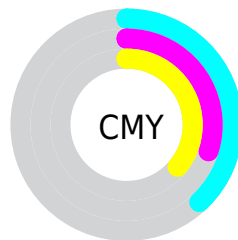
- Red (62%)
- Green (70%)
- Blue (64%)



- Red (62%)
- Yellow (68%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (9%)
- Black (30%)





- Cyan (38%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6175, 0.3073, 0.3519 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 41.6175, 0.3073, 0.3519 by changing the saturation by 10% instead.


 41.6175, 0.3073,
0.3519


 41.6175, 0.3073,
0.3519


352.8949, 0.3102,
0.3401

 28.8019, 0.3065,
0.3550


 77.6204, 0.3084,
0.3475

 18.9310, 0.3055,
0.3591


 101.5765, 0.3088,
0.3459

 11.6204, 0.3041,
0.3646


130.0149, 0.3091,
0.3445

 6.4858, 0.3021,
0.3727

163.3199, 0.3094,
0.3434

 3.1427, 0.2987,
0.3856

201.8761, 0.3096,
0.3424

 1.2067, 0.2926,
0.4093

246.0677, 0.3098,

 0.0671, 0.0000,

0.3415

1.0000

296.2791, 0.3100,
0.3407

0.0000, 0.0000,
0.0000

41.6175, 0.3073,
0.3519

41.6175, 0.3073,
0.3519

39.5019, 0.3027,
0.3739

44.0493, 0.3119,
0.3323

37.6843, 0.2984,
0.3984

46.8042, 0.3164,
0.3151

36.1527, 0.2945,
0.4249

49.8953, 0.3207,
0.3000

34.8923, 0.2913,
0.4529

53.3336, 0.3248,
0.2869

33.8869, 0.2891,
0.4816

57.1294, 0.3287,
0.2755

■ 33.1184, 0.2881,
0.5096

■ 59.5899, 0.3253,
0.2642

■ 32.5664, 0.2885,
0.5354

■ 60.3251, 0.3163,
0.2537

■ 32.2068, 0.2903,
0.5575

■ 32.0170, 0.2923,
0.5724

Harmonies

Analogous

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



41.6175, 0.3246, 0.3590



41.6175, 0.3073, 0.3519



41.6175, 0.2918, 0.3382

Triad

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



41.6175, 0.3073, 0.3519



41.6175, 0.2867, 0.3010



41.6175, 0.3445, 0.3344

Complementary

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



41.6175, 0.3073, 0.3519



36.5861, 0.3186, 0.3071

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.



41.6175, 0.3338, 0.3197



41.6175, 0.3073, 0.3519



41.6175, 0.3002, 0.3008

Square

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



41.6175, 0.3073, 0.3519



41.6175, 0.2801, 0.3087



41.6175, 0.3175, 0.3076



41.6175, 0.3464, 0.3482

Rectangle

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



41.6175, 0.3073, 0.3519



41.6175, 0.2844, 0.3275



41.6175, 0.3175, 0.3076



41.6175, 0.3418, 0.3295

Sweetspot

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



41.6193, 0.3073, 0.3519



78.8283, 0.3109, 0.3365



43.1742, 0.3256, 0.3580



17.3891, 0.3105, 0.3379



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.



41.6193, 0.3073, 0.3519



74.4826, 0.3062, 0.3570



42.0042, 0.2992, 0.3369



9.5224, 0.3084, 0.3468



22.9139, 0.2918, 0.5705



0.7302, 0.2764, 0.5150

Inverse Universe

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



36.5861, 0.3186, 0.3071



63.6669, 0.3200, 0.3025



36.1995, 0.3283, 0.3213



8.6112, 0.3173, 0.3118



8.0412, 0.3914, 0.1930



0.2614, 0.3680, 0.1801

Previews

White Background



This preview shows how the Yxy color 41.6175, 0.3073, 0.3519 looks on a white background.

Color Contrast Check

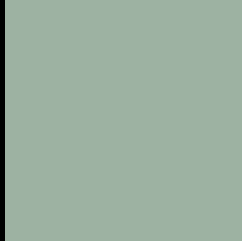
Large Text (above 18pt) WCAG AA × Fail

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 41.6175, 0.3073, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

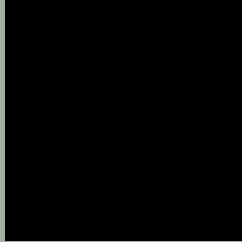
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

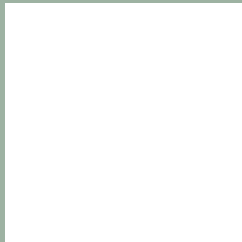
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6175, 0.3073, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 41.6175, 0.3073, 0.3519.



This preview shows how white text looks on a background with the Yxy color 41.6175, 0.3073, 0.3519.

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

41.6175, 0.3073, 0.3519

Protanopia

41.5920, 0.3302, 0.3468

Deuteranopia

41.5242, 0.3389, 0.3330



Tritanopia

41.4800, 0.2905, 0.3097

Trichromacy



Original Color

41.6175, 0.3073, 0.3519

Protanomaly

41.4681, 0.3217, 0.3485

Deuteranomaly

41.3539, 0.3269, 0.3399

Tritanomaly

41.3882, 0.2966, 0.3234

Monochromacy



Original Color

41.6175, 0.3073, 0.3519

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.6765, 0.3105, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6175, 0.3073, 0.3519 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(157, 178, 162)` looks like.

```
.text, #text, p{  
    color:rgb(157, 178, 162)  
}
```

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(157, 178, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 178, 162) }
```

Border

The CSS property to change the border of an element to Yxy 41.6175, 0.3073, 0.3519 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(157, 178, 162) }
```

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

```
.border{ border-color:rgb(157, 178, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 178, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 178, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 178, 162);  
box-shadow:4px 4px 4px 4px rgb(157, 178,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6175, 0.3073, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 178, 162) }
```

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

```
.background{ background-color: rgb(157,  
178, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor