

Converting Colors

$Yxy(41.9604, 0.3017, 0.3418)$

Have a look what the booklet for
Yxy(41.9604, 0.3017, 0.3418)
contains.

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Color

Yxy(41.8735, 0.3019, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	9DB2A9
RGB	157, 178, 169
RGB Percent	62%, 70%, 66%
CMY	0.3841, 0.3020, 0.3372
CMYK	0.12, 0.00, 0.05, 0.30
HSL	154°, 12%, 66%
HSV	154°, 12%, 70%
XYZ	36.9962, 41.8735, 43.6749
YIQ	170.6950, -9.6270, -7.2510

Conversions

Conversions Part 2

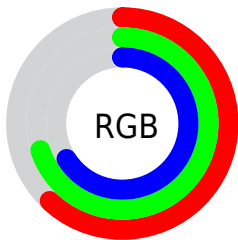
Format	Color
RYB	157, 170, 178
Decimal	10334889
CIELab	70.78, -9.00, 2.13
CIELCh	71, 9.246, 166.690
Yxy	41.8735, 0.3019, 0.3417
Android (android.graphics.Color)	4288524969 (0xFF9DB2A9)
YUV	170.6950, -0.8356, -12.0105
Hunter-Lab	64.7097, -11.1890, 5.2799

Details

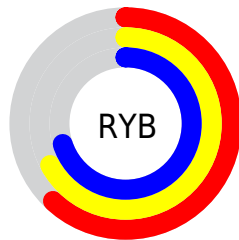
The Yxy color **41.8735, 0.3019, 0.3417** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3529, 0.3250, 0.3166**, and the grayscale version is **40.5777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2245, 0.3042, 0.3398**, and **19.0158, 0.2991, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **39.9342, 0.2930, 0.3538**, and if you desaturate by 10%, it is **44.0939, 0.3111, 0.3308**.

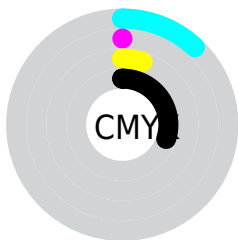
Distribution



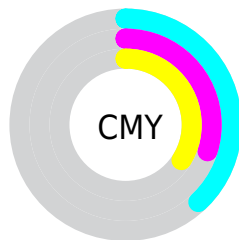
- Red (62%)
- Green (70%)
- Blue (66%)



- Red (62%)
- Yellow (67%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (30%)



- Cyan (38%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8735, 0.3019, 0.3417 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 41.8735, 0.3019, 0.3417 by changing the saturation by 10% instead.

■ 41.8735, 0.3019,
0.3417

■ 41.8735, 0.3019,
0.3417

■ 353.9583, 0.3074,
0.3352

■ 29.0023, 0.3005,
0.3434

■ 78.0081, 0.3039,
0.3393

■ 19.0825, 0.2986,
0.3456

■ 102.0403, 0.3047,
0.3384

■ 11.7299, 0.2961,
0.3486

■ 130.5616, 0.3053,
0.3377

■ 6.5601, 0.2925,
0.3529

■ 163.9564, 0.3059,
0.3370

■ 3.1885, 0.2869,
0.3596

■ 202.6090, 0.3063,
0.3365

■ 1.2309, 0.2770,
0.3717

■ 246.9040, 0.3068,

■ 0.0868, 0.0000,

0.3360

1.0000

297.2256, 0.3071,
0.3356

0.0000, 0.0000,
0.0000

41.8735, 0.3019,
0.3417

41.8735, 0.3019,
0.3417

39.9342, 0.2930,
0.3538

44.0939, 0.3111,
0.3308

38.2592, 0.2848,
0.3671

46.6010, 0.3204,
0.3211

36.8379, 0.2774,
0.3815

49.4067, 0.3296,
0.3124

35.6570, 0.2712,
0.3968

52.5207, 0.3387,
0.3048

34.7019, 0.2665,
0.4130

55.9524, 0.3475,
0.2981

■ 33.9564, 0.2635,
0.4295

■ 57.9923, 0.3486,
0.2913

■ 33.4018, 0.2626,
0.4462

■ 58.3935, 0.3421,
0.2838

■ 33.0164, 0.2636,
0.4625

■ 58.8132, 0.3358,
0.2764

■ 32.7884, 0.2655,
0.4756

■ 59.2517, 0.3296,
0.2692

Harmonies

Analogous

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



41.8735, 0.3151, 0.3501



41.8735, 0.3019, 0.3417



41.8735, 0.2917, 0.3298

Triad

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



41.8735, 0.3019, 0.3417



41.8735, 0.2974, 0.3063



41.8735, 0.3391, 0.3392

Complementary

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



41.8735, 0.3019, 0.3417



36.3529, 0.3250, 0.3166

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.



41.8735, 0.3341, 0.3277



41.8735, 0.3019, 0.3417



41.8735, 0.3099, 0.3090

Square

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



41.8735, 0.3019, 0.3417



41.8735, 0.2891, 0.3094



41.8735, 0.3234, 0.3168



41.8735, 0.3368, 0.3483

Rectangle

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



41.8735, 0.3019, 0.3417



41.8735, 0.2879, 0.3216



41.8735, 0.3234, 0.3168



41.8735, 0.3382, 0.3355

Sweetspot

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



41.8753, 0.3019, 0.3417



78.9978, 0.3089, 0.3332



42.3933, 0.3193, 0.3584



17.4333, 0.3083, 0.3340



91.1408, 0.3127, 0.3290



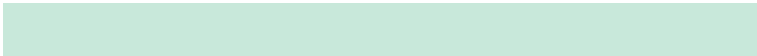
17.8868, 0.3127, 0.3290

Same Dimension

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



41.8753, 0.3019, 0.3417



75.0288, 0.2997, 0.3446



41.6717, 0.2950, 0.3270



9.5687, 0.3041, 0.3389



23.4770, 0.2650, 0.4739



0.7501, 0.2525, 0.4289

Inverse Universe

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



36.3529, 0.3250, 0.3166



63.0998, 0.3280, 0.3139



36.5099, 0.3332, 0.3310



8.5638, 0.3222, 0.3193



7.1611, 0.5225, 0.2652



0.2371, 0.4526, 0.2267

Previews

White Background



This preview shows how the Yxy color 41.8735, 0.3019, 0.3417 looks on a white background.

Color Contrast Check

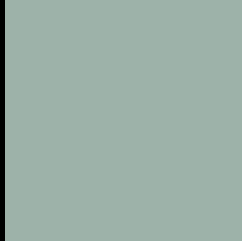
Large Text (above 18pt) WCAG AA × Fail

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 41.8735, 0.3019, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

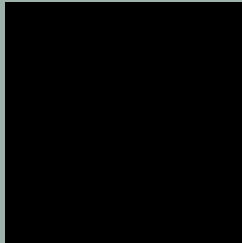
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8735, 0.3019, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 41.8735, 0.3019, 0.3417.



This preview shows how white text looks on a background with the Yxy color 41.8735, 0.3019, 0.3417.

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

41.8735, 0.3019, 0.3417

Protanopia

41.7232, 0.3232, 0.3372

Deuteranopia

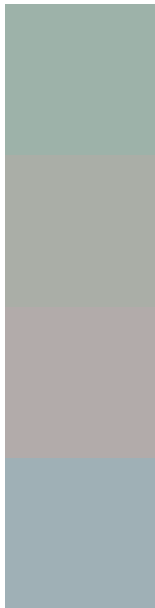
41.5249, 0.3307, 0.3238



Tritanopia

41.8077, 0.2890, 0.3097

Trichromacy



Original Color

41.8735, 0.3019, 0.3417

Protanomaly

41.6082, 0.3149, 0.3387

Deuteranomaly

41.4931, 0.3199, 0.3304

Tritanomaly

41.7990, 0.2935, 0.3206

Monochromacy



Original Color

41.8735, 0.3019, 0.3417

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.2814, 0.3089, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8735, 0.3019, 0.3417 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(157, 178, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 178, 169) }
```

Border

The CSS property to change the border of an element to Yxy 41.8735, 0.3019, 0.3417 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, 169) }
```

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

```
.border{ border-color:rgb(157, 178, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 178, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 178, 169);  
box-shadow:4px 4px 4px 4px rgb(157, 178,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8735, 0.3019, 0.3417 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, 169) }
```

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

```
.background{ background-color: rgb(157,  
178, 169) }
```

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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