

Converting Colors

$Yxy(42.3643, 0.3059, 0.3474)$

Have a look what the booklet for
Yxy(42.3643, 0.3059, 0.3474)
contains.

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Color

Yxy(42.3643, 0.3059, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	9FB3A6
RGB	159, 179, 166
RGB Percent	62%, 70%, 65%
CMY	0.3764, 0.2980, 0.3491
CMYK	0.11, 0.00, 0.07, 0.30
HSL	141°, 12%, 66%
HSV	141°, 11%, 70%
XYZ	37.3035, 42.3643, 42.2789
YIQ	171.5380, -7.7470, -8.2830

Conversions

Conversions Part 2

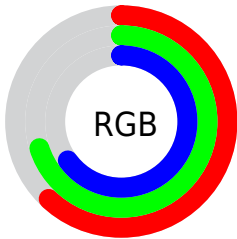
Format	Color
RYB	159, 174, 179
Decimal	10466214
CIELab	71.12, -9.45, 4.30
CIELCh	71, 10.378, 155.525
Yxy	42.3643, 0.3059, 0.3474
Android (android.graphics.Color)	4288656294 (0xFF9FB3A6)
YUV	171.5380, -2.7302, -10.9958
Hunter-Lab	65.0879, -11.6009, 7.0487

Details

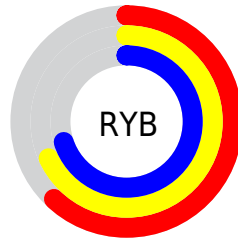
The Yxy color **42.3643, 0.3059, 0.3474** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3691, 0.3202, 0.3113**, and the grayscale version is **41.0288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9333, 0.3073, 0.3442**, and **19.2624, 0.3034, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **40.2574, 0.2999, 0.3660**, and if you desaturate by 10%, it is **44.7786, 0.3120, 0.3308**.

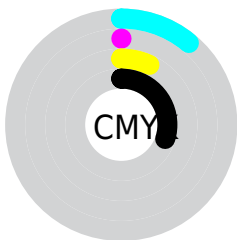
Distribution



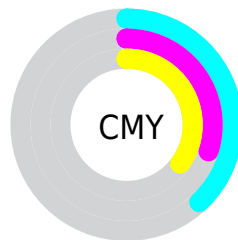
- Red (62%)
- Green (70%)
- Blue (65%)



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



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (30%)



- Cyan (38%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3643, 0.3059, 0.3474 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 42.3643, 0.3059, 0.3474 by changing the saturation by 10% instead.

■ 42.3643, 0.3059,
0.3474

■ 42.3643, 0.3059,
0.3474

355.9909, 0.3094,
0.3379

■ 29.3867, 0.3050,
0.3499

■ 78.7507, 0.3072,
0.3439

■ 19.3735, 0.3038,
0.3531

■ 102.9282, 0.3077,
0.3426

■ 11.9405, 0.3021,
0.3574

131.6078, 0.3081,
0.3415

■ 6.7032, 0.2997,
0.3638

165.1739, 0.3084,
0.3406

■ 3.2772, 0.2960,
0.3737

204.0108, 0.3087,
0.3398

■ 1.2781, 0.2891,
0.3916

248.5031, 0.3090,

■ 0.1241, 0.0000,

0.3391

1.0000

299.0349, 0.3092,
0.3385

0.0000, 0.0000,
0.0000

42.3643, 0.3059,
0.3474

42.3643, 0.3059,
0.3474

40.2574, 0.2999,
0.3660

44.7786, 0.3120,
0.3308

38.4403, 0.2942,
0.3866

47.5066, 0.3181,
0.3161

36.9014, 0.2891,
0.4091

50.5611, 0.3240,
0.3032

35.6265, 0.2849,
0.4331

53.9526, 0.3297,
0.2920

34.6000, 0.2819,
0.4580

57.6911, 0.3351,
0.2822

■ 33.8045, 0.2804,
0.4830

■ 59.5544, 0.3309,
0.2719

■ 33.2207, 0.2807,
0.5072

■ 60.2547, 0.3218,
0.2611

■ 32.8252, 0.2826,
0.5294

■ 60.7199, 0.3162,
0.2546

■ 32.5916, 0.2852,
0.5469

Harmonies

Analogous

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



42.3643, 0.3210, 0.3545



42.3643, 0.3059, 0.3474



42.3643, 0.2929, 0.3350

Triad

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



42.3643, 0.3059, 0.3474



42.3643, 0.2914, 0.3042



42.3643, 0.3411, 0.3357

Complementary

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



42.3643, 0.3059, 0.3474



37.3691, 0.3202, 0.3113

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.



42.3643, 0.3328, 0.3228



42.3643, 0.3059, 0.3474



42.3643, 0.3040, 0.3049

Square

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



42.3643, 0.3059, 0.3474



42.3643, 0.2847, 0.3100



42.3643, 0.3191, 0.3116



42.3643, 0.3415, 0.3473

Rectangle

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



42.3643, 0.3059, 0.3474



42.3643, 0.2870, 0.3257



42.3643, 0.3191, 0.3116



42.3643, 0.3391, 0.3314

Sweetspot

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



42.3661, 0.3059, 0.3474



79.3376, 0.3109, 0.3338



43.5534, 0.3231, 0.3565



17.4978, 0.3104, 0.3351



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.



42.3661, 0.3059, 0.3474



75.0550, 0.3046, 0.3511



42.7351, 0.2984, 0.3336



9.5374, 0.3070, 0.3442



23.0422, 0.2847, 0.5447



0.7363, 0.2680, 0.4847

Inverse Universe

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



37.3691, 0.3202, 0.3113



64.6000, 0.3218, 0.3079



37.0102, 0.3292, 0.3245



8.5954, 0.3189, 0.3143



7.6867, 0.4313, 0.2149



0.2524, 0.3934, 0.1941

Previews

White Background



This preview shows how the Yxy color 42.3643, 0.3059, 0.3474 looks on a white background.

Color Contrast Check

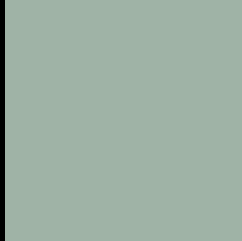
Large Text (above 18pt) WCAG AA × Fail

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 42.3643, 0.3059, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

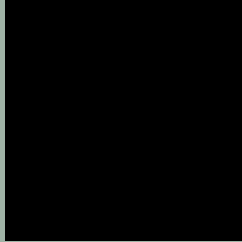
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

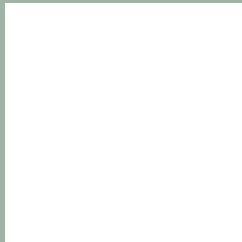
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3643, 0.3059, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 42.3643, 0.3059, 0.3474.



This preview shows how white text looks on a background with the Yxy color 42.3643, 0.3059, 0.3474.

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

42.3643, 0.3059, 0.3474

Protanopia

42.2348, 0.3275, 0.3426

Deuteranopia

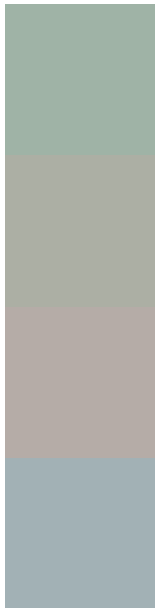
42.1699, 0.3360, 0.3291



Tritanopia

42.5113, 0.2915, 0.3113

Trichromacy



Original Color

42.3643, 0.3059, 0.3474

Protanomaly

42.1109, 0.3191, 0.3442

Deuteranomaly

42.1188, 0.3251, 0.3358

Tritanomaly

42.4619, 0.2968, 0.3234

Monochromacy



Original Color

42.3643, 0.3059, 0.3474

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7777, 0.3098, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3643, 0.3059, 0.3474 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(159, 179, 166)` looks like.

```
.text, #text, p{  
    color:rgb(159, 179, 166)  
}
```

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(159, 179, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 179, 166) }
```

Border

The CSS property to change the border of an element to Yxy 42.3643, 0.3059, 0.3474 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(159, 179, 166) }
```

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

```
.border{ border-color:rgb(159, 179, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 179, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 179, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 179, 166);  
box-shadow:4px 4px 4px 4px rgb(159, 179,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3643, 0.3059, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 179, 166) }
```

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

```
.background{ background-color: rgb(159,  
179, 166) }
```

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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