

Converting Colors

$Yxy(43.6026, 0.2995, 0.3394)$

Have a look what the booklet for
Yxy(43.6026, 0.2995, 0.3394)
contains.

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Color

Yxy(43.4747, 0.2997, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	9FB5AE
RGB	159, 181, 174
RGB Percent	62%, 71%, 68%
CMY	0.3763, 0.2902, 0.3176
CMYK	0.12, 0.00, 0.04, 0.29
HSL	161°, 13%, 67%
HSV	161°, 12%, 71%
XYZ	38.4688, 43.4747, 46.4141
YIQ	173.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

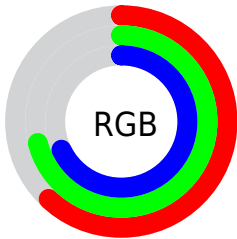
Format	Color
RYB	159, 172, 181
Decimal	10466734
CIELab	71.88, -8.92, 0.99
CIELCh	72, 8.980, 173.666
Yxy	43.4747, 0.2997, 0.3387
Android (android.graphics.Color)	4288656814 (0xFF9FB5AE)
YUV	173.6240, 0.1854, -12.8252
Hunter-Lab	65.9353, -11.2443, 4.4185

Details

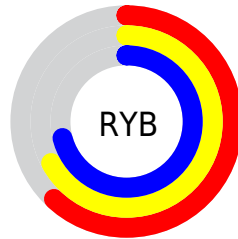
The Yxy color $43.4747, 0.2997, 0.3387$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $37.3875, 0.3277, 0.3195$, and the grayscale version is $42.1324, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.5217, 0.3025, 0.3375$, and $19.9693, 0.2950, 0.3407$ is the 20% darker color. If you saturate the color by 10%, you get $41.5393, 0.2895, 0.3476$, and if you desaturate by 10%, it is $45.6944, 0.3104, 0.3306$.

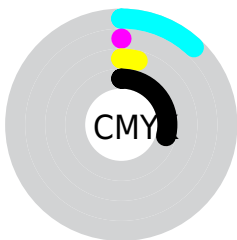
Distribution



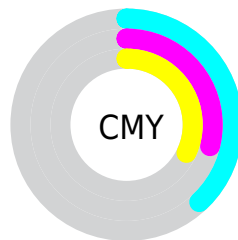
- Red (62%)
- Green (71%)
- Blue (68%)



- Red (62%)
- Yellow (67%)
- Blue (71%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4747, 0.2997, 0.3387 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 43.4747, 0.2997, 0.3387 by changing the saturation by 10% instead.


 43.4747, 0.2997,
0.3387


 43.4747, 0.2997,
0.3387


360.5603, 0.3063,
0.3338

 30.2577, 0.2980,
0.3400


 80.4267, 0.3021,
0.3369

 20.0343, 0.2959,
0.3416


 104.9306, 0.3030,
0.3362

 12.4200, 0.2929,
0.3438


133.9655, 0.3038,
0.3357

 7.0304, 0.2888,
0.3469

167.9159, 0.3044,
0.3352

 3.4811, 0.2824,
0.3517

207.1662, 0.3050,
0.3348

 1.3878, 0.2715,
0.3601

252.1008, 0.3055,

 0.2077, 0.0000,

0.3344

0.5697

303.1040, 0.3059,
0.3341

0.0000, 0.0000,
0.0000

43.4747, 0.2997,
0.3387

43.4747, 0.2997,
0.3387

41.5393, 0.2895,
0.3476

45.6944, 0.3104,
0.3306

39.8708, 0.2800,
0.3574

48.2039, 0.3213,
0.3234

38.4583, 0.2715,
0.3678

51.0157, 0.3323,
0.3169

37.2881, 0.2643,
0.3790

54.1397, 0.3431,
0.3112

36.3451, 0.2587,
0.3906

57.5854, 0.3537,
0.3061

■ 35.6125, 0.2550,
0.4026

■ 58.8858, 0.3534,
0.3007

■ 35.0711, 0.2532,
0.4147

■ 59.1753, 0.3485,
0.2949

■ 34.6979, 0.2533,
0.4267

■ 59.4751, 0.3437,
0.2892

■ 34.4859, 0.2545,
0.4360

■ 59.7855, 0.3390,
0.2836

Harmonies

Analogous

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



43.4747, 0.3120, 0.3478



43.4747, 0.2997, 0.3387



43.4747, 0.2910, 0.3270

Triad

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



43.4747, 0.2997, 0.3387



43.4747, 0.3005, 0.3073



43.4747, 0.3381, 0.3411

Complementary

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



43.4747, 0.2997, 0.3387



37.3875, 0.3277, 0.3195

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.



43.4747, 0.3349, 0.3304



43.4747, 0.2997, 0.3387



43.4747, 0.3130, 0.3112

Square

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



43.4747, 0.2997, 0.3387



43.4747, 0.2914, 0.3090



43.4747, 0.3257, 0.3195



43.4747, 0.3343, 0.3490

Rectangle

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



43.4747, 0.2997, 0.3387



43.4747, 0.2883, 0.3194



43.4747, 0.3257, 0.3195



43.4747, 0.3378, 0.3378

Sweetspot

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



43.4765, 0.2997, 0.3387



81.0345, 0.3083, 0.3321



43.6953, 0.3176, 0.3596



17.4482, 0.3075, 0.3327



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.



43.4765, 0.2997, 0.3387



76.7360, 0.2964, 0.3414



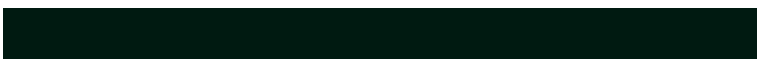
42.2876, 0.2944, 0.3239



9.5846, 0.3027, 0.3363



23.7890, 0.2540, 0.4345



0.7585, 0.2448, 0.4014

Inverse Universe

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



37.3875, 0.3277, 0.3195



63.3131, 0.3322, 0.3170



38.4156, 0.3336, 0.3341



8.5483, 0.3239, 0.3218



6.9911, 0.5661, 0.2892



0.2309, 0.4860, 0.2451

Previews

White Background



This preview shows how the Yxy color 43.4747, 0.2997, 0.3387 looks on a white background.

Color Contrast Check

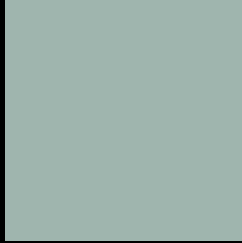
Large Text (above 18pt) WCAG AA × Fail

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 43.4747, 0.2997, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

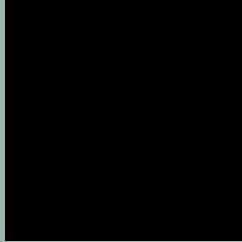
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

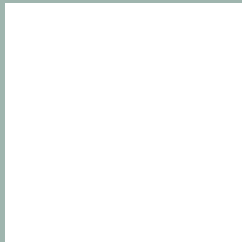
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4747, 0.2997, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 43.4747, 0.2997, 0.3387.



This preview shows how white text looks on a background with the Yxy color 43.4747, 0.2997, 0.3387.

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

43.4747, 0.2997, 0.3387

Protanopia

43.3035, 0.3205, 0.3344

Deuteranopia

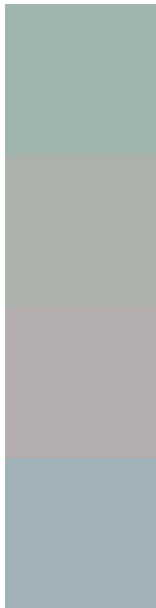
43.0905, 0.3277, 0.3213



Tritanopia

43.3279, 0.2886, 0.3100

Trichromacy



Original Color

43.4747, 0.2997, 0.3387

Protanomaly

43.1935, 0.3124, 0.3358

Deuteranomaly

43.0705, 0.3172, 0.3277

Tritanomaly

43.3200, 0.2930, 0.3207

Monochromacy



Original Color

43.4747, 0.2997, 0.3387

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9353, 0.3082, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4747, 0.2997, 0.3387 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, 181, 174)` looks like.

```
.text, #text, p{  
    color:rgb(159, 181, 174)  
}
```

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, 181, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 181, 174) }
```

Border

The CSS property to change the border of an element to Yxy 43.4747, 0.2997, 0.3387 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, 181, 174) }
```

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

```
.border{ border-color:rgb(159, 181, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 181, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 181, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 181, 174);  
box-shadow:4px 4px 4px 4px rgb(159, 181,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4747, 0.2997, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 181, 174) }
```

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

```
.background{ background-color: rgb(159,  
181, 174) }
```

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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