

Converting Colors

Yxy(51.5678, 0.3017, 0.3480)

Have a look what the booklet for
Yxy(51.5678, 0.3017, 0.3480)
contains.

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Color

Yxy(51.7449, 0.3017, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	A9C5B6
RGB	169, 197, 182
RGB Percent	66%, 77%, 71%
CMY	0.3373, 0.2274, 0.2863
CMYK	0.14, 0.00, 0.08, 0.23
HSL	148°, 19%, 72%
HSV	148°, 14%, 77%
XYZ	44.7704, 51.7449, 51.8785
YIQ	186.9180, -11.8730, -10.6010

Conversions

Conversions Part 2

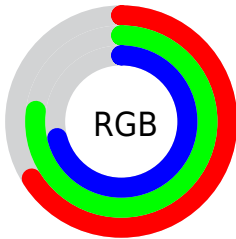
Format	Color
R _{YB}	169, 188, 197
Decimal	11126198
CIE Lab	77.13, -12.38, 4.36
CIE LCh	77, 13.124, 160.612
Yxy	51.7449, 0.3017, 0.3487
Android (android.graphics.Color)	4289316278 (0xFFA9C5B6)
YUV	186.9180, -2.4246, -15.7141
Hunter-Lab	71.9339, -14.7892, 7.5940

Details

The Yxy color **51.7449, 0.3017, 0.3487** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7073, 0.3254, 0.3101**, and the grayscale version is **49.6648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9040, 0.3034, 0.3453**, and **25.0118, 0.2991, 0.3542** is the 20% darker color. If you saturate the color by 10%, you get **49.3095, 0.2943, 0.3645**, and if you desaturate by 10%, it is **54.5459, 0.3094, 0.3345**.

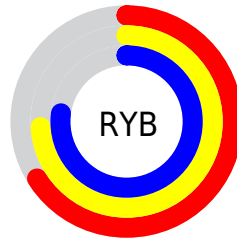
Distribution



Red (66%)

Green (77%)

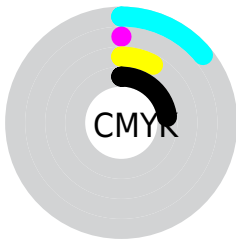
Blue (71%)



Red (66%)

Yellow (74%)

Blue (77%)

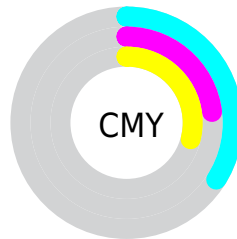


Cyan (14%)

Magenta (0%)

Yellow (8%)

Black (23%)



Cyan (34%)


Magenta (23%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7449, 0.3017, 0.3487 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 51.7449, 0.3017, 0.3487 by changing the saturation by 10% instead.


 51.7449, 0.3017,
0.3487


 51.7449, 0.3017,
0.3487


393.4510, 0.3072,
0.3389

 36.8018, 0.3003,
0.3511


 92.7549, 0.3037,
0.3451

 25.0541, 0.2986,
0.3543


 119.5906, 0.3044,
0.3438

 16.1173, 0.2963,
0.3584


151.1593, 0.3051,
0.3427

 9.6072, 0.2931,
0.3643

187.8453, 0.3056,
0.3417

 5.1393, 0.2883,
0.3729

230.0331, 0.3061,
0.3409

 2.3292, 0.2804,
0.3873

278.1070, 0.3065,

 0.7891, 0.2500,

0.3401

332.4515, 0.3069,
0.3395

0.4405

0.0000, 0.0000,
0.0000

51.7449, 0.3017,
0.3487

51.7449, 0.3017,
0.3487

49.3095, 0.2943,
0.3645

54.5459, 0.3094,
0.3345

47.2179, 0.2874,
0.3819

57.7203, 0.3172,
0.3219

45.4556, 0.2813,
0.4007

61.2840, 0.3250,
0.3107

44.0048, 0.2764,
0.4207

65.2498, 0.3325,
0.3009

42.8458, 0.2731,
0.4415

67.1818, 0.3301,
0.2911

■ 41.9567, 0.2715,
0.4625

■ 67.8098, 0.3223,
0.2811

■ 41.3121, 0.2718,
0.4831

■ 68.4153, 0.3154,
0.2722

■ 40.8817, 0.2741,
0.5027

■ 40.6975, 0.2760,
0.5135

Harmonies

Analogous

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



51.7449, 0.3194, 0.3585



51.7449, 0.3017, 0.3487



51.7449, 0.2872, 0.3333

Triad

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



51.7449, 0.3017, 0.3487



51.7449, 0.2897, 0.2993



51.7449, 0.3471, 0.3393

Complementary

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



51.7449, 0.3017, 0.3487



43.7073, 0.3254, 0.3101

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.



51.7449, 0.3387, 0.3241



51.7449, 0.3017, 0.3487



51.7449, 0.3053, 0.3015

Square

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



51.7449, 0.3017, 0.3487



51.7449, 0.2804, 0.3048



51.7449, 0.3232, 0.3105



51.7449, 0.3460, 0.3524

Rectangle

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



51.7449, 0.3017, 0.3487



51.7449, 0.2812, 0.3223



51.7449, 0.3232, 0.3105



51.7449, 0.3453, 0.3343

Sweetspot

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



51.7471, 0.3017, 0.3487



97.7693, 0.3095, 0.3343



53.0399, 0.3234, 0.3650



20.8395, 0.3090, 0.3353



0.0000, 0.0000, 0.0000



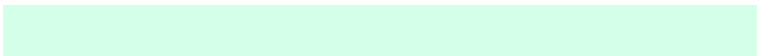
21.4041, 0.3127, 0.3290

Same Dimension

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



51.7471, 0.3017, 0.3487



91.2777, 0.2994, 0.3533



52.3376, 0.2923, 0.3307



11.9684, 0.3054, 0.3417



26.7833, 0.2753, 0.5111



1.2828, 0.2641, 0.4708

Inverse Universe

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



43.7073, 0.3254, 0.3101



74.1639, 0.3286, 0.3059



43.1634, 0.3375, 0.3273



10.7304, 0.3207, 0.3167



8.5038, 0.4789, 0.2412



0.4172, 0.4372, 0.2182

Previews

White Background



This preview shows how the Yxy color 51.7449, 0.3017, 0.3487 looks on a white background.

Color Contrast Check

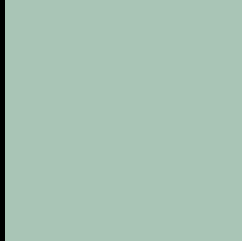
Large Text (above 18pt) WCAG AA × Fail

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 51.7449, 0.3017, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

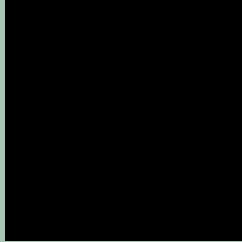
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

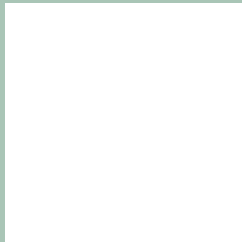
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.7449, 0.3017, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 51.7449, 0.3017, 0.3487.



This preview shows how white text looks on a background with the Yxy color 51.7449, 0.3017, 0.3487.

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

51.7449, 0.3017, 0.3487

Protanopia

51.3453, 0.3271, 0.3428

Deuteranopia

51.4854, 0.3342, 0.3279



Tritanopia

51.6927, 0.2874, 0.3100

Trichromacy



Original Color

51.7449, 0.3017, 0.3487

Protanomaly

51.3931, 0.3176, 0.3456

Deuteranomaly

51.4580, 0.3215, 0.3352

Tritanomaly

51.4778, 0.2921, 0.3225

Monochromacy



Original Color

51.7449, 0.3017, 0.3487

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.4677, 0.3083, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7449, 0.3017, 0.3487 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(169, 197, 182)` looks like.

```
.text, #text, p{  
    color:rgb(169, 197, 182)  
}
```

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(169, 197, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 197, 182) }
```

Border

The CSS property to change the border of an element to Yxy 51.7449, 0.3017, 0.3487 is called "border". The border property can be set on classes, ids or directly on the HTML element.

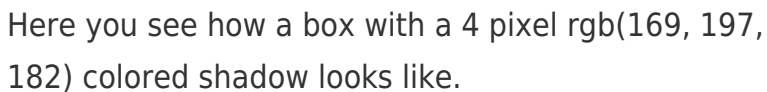
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 197, 182) }
```

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

```
.border{ border-color:rgb(169, 197, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 197, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 197, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 197, 182); box-shadow:4px 4px 4px 4px rgb(169, 197, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7449, 0.3017, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 197, 182) }
```

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

```
.background{ background-color: rgb(169,  
197, 182) }
```

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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