

Converting Colors

Yxy(53.2120, 0.3022, 0.3464)

Have a look what the booklet for
Yxy(53.2120, 0.3022, 0.3464)
contains.

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Color

Yxy(53.2339, 0.3026, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	ADC7B9
RGB	173, 199, 185
RGB Percent	68%, 78%, 73%
CMY	0.3217, 0.2196, 0.2745
CMYK	0.13, 0.00, 0.07, 0.22
HSL	148°, 19%, 73%
HSV	148°, 13%, 78%
XYZ	46.4090, 53.2339, 53.7247
YIQ	189.6300, -11.0020, -9.8660

Conversions

Conversions Part 2

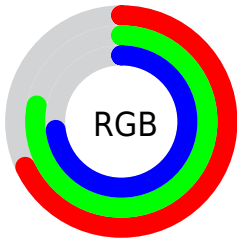
Format	Color
R _{YB}	173, 191, 199
Decimal	11388857
CIE Lab	78.01, -11.50, 4.05
CIE LCh	78, 12.197, 160.602
Yxy	53.2339, 0.3026, 0.3471
Android (android.graphics.Color)	4289578937 (0xFFADC7B9)
YUV	189.6300, -2.2826, -14.5845
Hunter-Lab	72.9616, -14.1433, 7.4154

Details

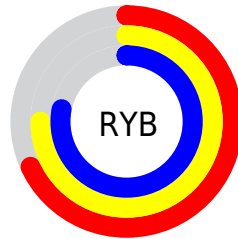
The Yxy color **53.2339, 0.3026, 0.3471** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.6086, 0.3242, 0.3116**, and the grayscale version is **51.2853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5289, 0.3047, 0.3431**, and **25.9098, 0.2993, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **50.6987, 0.2951, 0.3628**, and if you desaturate by 10%, it is **56.1456, 0.3103, 0.3330**.

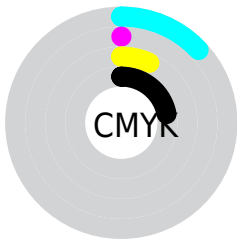
Distribution



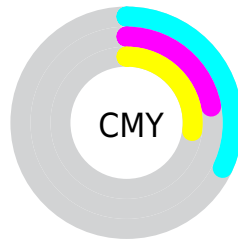
- Red (68%)
- Green (78%)
- Blue (73%)



- Red (68%)
- Yellow (75%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (32%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2339, 0.3026, 0.3471 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 53.2339, 0.3026, 0.3471 by changing the saturation by 10% instead.

■ 53.2339, 0.3026,
0.3471

■ 53.2339, 0.3026,
0.3471

399.1819, 0.3076,
0.3381

■ 37.9895, 0.3014,
0.3493

■ 94.9485, 0.3044,
0.3439

■ 25.9746, 0.2998,
0.3521

122.1874, 0.3051,
0.3426

■ 16.8046, 0.2977,
0.3559

154.1934, 0.3057,
0.3416

■ 10.0953, 0.2948,
0.3611

191.3507, 0.3062,
0.3407

■ 5.4622, 0.2906,
0.3688

234.0439, 0.3066,
0.3399

■ 2.5209, 0.2837,
0.3814

282.6572, 0.3070,

■ 0.8871, 0.2637,

0.3393

0.4161

337.5750, 0.3073,
0.3387

0.0000, 0.0000,
0.0000

53.2339, 0.3026,
0.3471

53.2339, 0.3026,
0.3471

50.6987, 0.2951,
0.3628

56.1456, 0.3103,
0.3330

48.5176, 0.2882,
0.3801

59.4418, 0.3181,
0.3205

46.6761, 0.2821,
0.3988

63.1385, 0.3258,
0.3095

45.1560, 0.2771,
0.4188

67.2490, 0.3333,
0.2998

43.9374, 0.2735,
0.4396

68.3183, 0.3271,
0.2896

■ 42.9981, 0.2717,
0.4608

■ 68.9689, 0.3193,
0.2795

■ 42.3125, 0.2719,
0.4816

■ 69.3322, 0.3153,
0.2742

■ 41.8501, 0.2740,
0.5014

■ 41.6228, 0.2762,
0.5143

Harmonies

Analogous

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



53.2339, 0.3189, 0.3561



53.2339, 0.3026, 0.3471



53.2339, 0.2892, 0.3330

Triad

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



53.2339, 0.3026, 0.3471



53.2339, 0.2915, 0.3017



53.2339, 0.3444, 0.3386

Complementary

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



53.2339, 0.3026, 0.3471



45.6086, 0.3242, 0.3116

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.



53.2339, 0.3366, 0.3245



53.2339, 0.3026, 0.3471



53.2339, 0.3059, 0.3036

Square

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



53.2339, 0.3026, 0.3471



53.2339, 0.2829, 0.3068



53.2339, 0.3224, 0.3119



53.2339, 0.3433, 0.3506

Rectangle

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



53.2339, 0.3026, 0.3471



53.2339, 0.2836, 0.3229



53.2339, 0.3224, 0.3119



53.2339, 0.3427, 0.3339

Sweetspot

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



53.2361, 0.3026, 0.3471



97.7679, 0.3096, 0.3343



54.4704, 0.3225, 0.3620



20.8392, 0.3090, 0.3354



0.0000, 0.0000, 0.0000



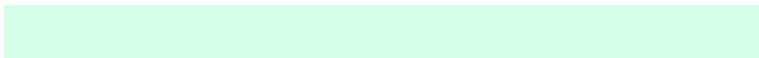
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2361, 0.3026, 0.3471



91.7315, 0.3002, 0.3519



53.7974, 0.2938, 0.3306



11.9680, 0.3054, 0.3417



26.7782, 0.2755, 0.5118



1.2825, 0.2643, 0.4714

Inverse Universe

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



45.6086, 0.3242, 0.3116



75.5201, 0.3275, 0.3072



45.0879, 0.3352, 0.3274



10.7308, 0.3207, 0.3166



8.5098, 0.4779, 0.2406



0.4175, 0.4365, 0.2178

Previews

White Background



This preview shows how the Yxy color 53.2339, 0.3026, 0.3471 looks on a white background.

Color Contrast Check

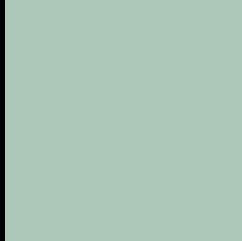
Large Text (above 18pt) WCAG AA × Fail

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 53.2339, 0.3026, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

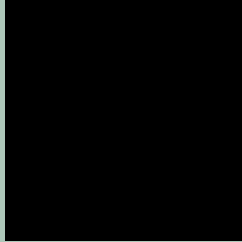
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

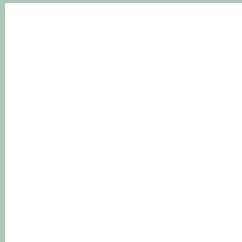
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2339, 0.3026, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 53.2339, 0.3026, 0.3471.



This preview shows how white text looks on a background with the Yxy color 53.2339, 0.3026, 0.3471.

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

53.2339, 0.3026, 0.3471

Protanopia

53.1776, 0.3269, 0.3426

Deuteranopia

52.8948, 0.3340, 0.3267



Tritanopia

53.0805, 0.2876, 0.3090

Trichromacy



Original Color

53.2339, 0.3026, 0.3471

Protanomaly

53.3548, 0.3184, 0.3453

Deuteranomaly

52.8552, 0.3215, 0.3339

Tritanomaly

52.9742, 0.2931, 0.3214

Monochromacy



Original Color

53.2339, 0.3026, 0.3471

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9611, 0.3092, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2339, 0.3026, 0.3471 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(173, 199, 185)` looks like.

```
.text, #text, p{  
    color:rgb(173, 199, 185)  
}
```

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(173, 199, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 199, 185) }
```

Border

The CSS property to change the border of an element to Yxy 53.2339, 0.3026, 0.3471 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(173, 199, 185) }
```

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

```
.border{ border-color:rgb(173, 199, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 199, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 199, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 199, 185);  
box-shadow:4px 4px 4px 4px rgb(173, 199,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2339, 0.3026, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 199, 185) }
```

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

```
.background{ background-color: rgb(173,  
199, 185) }
```

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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