

# Converting Colors

Yxy(52.4346, 0.2917, 0.3227)

Have a look what the booklet for  
Yxy(52.4346, 0.2917, 0.3227)  
contains.

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# Color

**Yxy(52.5811, 0.2915, 0.3226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADC4C9
RGB	173, 196, 201
RGB Percent	68%, 77%, 79%
CMY	0.3216, 0.2313, 0.2118
CMYK	0.14, 0.02, 0.00, 0.21
HSL	191°, 21%, 73%
HSV	191°, 14%, 79%
XYZ	47.5121, 52.5811, 62.8985
YIQ	189.6930, -15.3130, -3.3210

# Conversions

## Conversions Part 2

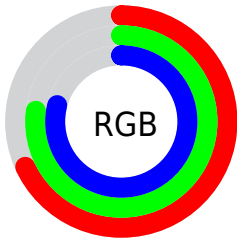
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 186, 201
Decimal	11388105
CIE <sub>Lab</sub>	77.63, -6.75, -5.14
CIE <sub>LCh</sub>	78, 8.482, 217.312
Yxy	52.5811, 0.2915, 0.3226
Android (android.graphics.Color)	4289578185 (0xFFADC4C9)
YUV	189.6930, 5.5744, -14.6398
Hunter-Lab	72.5128, -9.9402, -0.6699

# Details

The Yxy color **52.5811, 0.2915, 0.3226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.2600, 0.3373, 0.3353**, and the grayscale version is **51.2799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1286, 0.2970, 0.3270**, and **25.4457, 0.2855, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **48.8679, 0.2768, 0.3175**, and if you desaturate by 10%, it is **56.6818, 0.3067, 0.3273**.

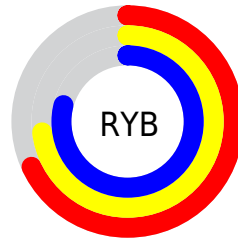
# Distribution



Red (68%)

Green (77%)

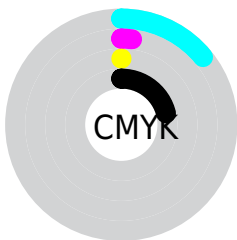
Blue (79%)



Red (68%)

Yellow (73%)

Blue (79%)

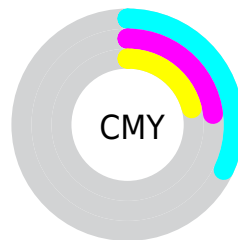


Cyan (14%)

Magenta (2%)

Yellow (0%)

Black (21%)



Cyan (32%)

Magenta (23%)

Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5811, 0.2915, 0.3226 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 52.5811, 0.2915, 0.3226 by changing the saturation by 10% instead.



■ 52.5811, 0.2915,  
0.3226

■ 52.5811, 0.2915,  
0.3226

396.6759, 0.3018,  
0.3258

■ 37.4685, 0.2890,  
0.3218

■ 93.9877, 0.2952,  
0.3238

■ 25.5704, 0.2858,  
0.3207

121.0504, 0.2966,  
0.3242

■ 16.5025, 0.2817,  
0.3194

152.8653, 0.2978,  
0.3246

■ 9.8805, 0.2760,  
0.3174

189.8167, 0.2988,  
0.3249

■ 5.3198, 0.2679,  
0.3145

232.2891, 0.2997,  
0.3252

■ 2.4361, 0.2552,  
0.3097

280.6668, 0.3005,

■ 0.8444, 0.2281,

0.3254

0.3019

335.3343, 0.3012,  
0.3256

0.0000, 0.0000,  
0.0000

52.5811, 0.2915,  
0.3226

52.5811, 0.2915,  
0.3226

48.8679, 0.2768,  
0.3175

56.6818, 0.3067,  
0.3273

45.5200, 0.2629,  
0.3120

61.1781, 0.3220,  
0.3315

42.5229, 0.2500,  
0.3062

66.0860, 0.3374,  
0.3353

39.8583, 0.2385,  
0.3001

71.4185, 0.3524,  
0.3387

37.5062, 0.2287,  
0.2938

73.5136, 0.3529,  
0.3423

■ 35.4443, 0.2207,  
0.2874

■ 75.3423, 0.3522,  
0.3459

■ 33.6466, 0.2147,  
0.2810

■ 77.2109, 0.3515,  
0.3495

■ 32.0820, 0.2105,  
0.2746

■ 79.1198, 0.3507,  
0.3530

■ 31.2122, 0.2086,  
0.2708

■ 81.0691, 0.3500,  
0.3566

# Harmonies

## Analogous

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



52.5811, 0.2971, 0.3330



52.5811, 0.2915, 0.3226



52.5811, 0.2914, 0.3142

# Triad

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



52.5811, 0.2915, 0.3226



52.5811, 0.3183, 0.3161



52.5811, 0.3285, 0.3484

# Complementary

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



52.5811, 0.2915, 0.3226



47.2600, 0.3373, 0.3353

# 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.



52.5811, 0.3344, 0.3434



52.5811, 0.2915, 0.3226



52.5811, 0.3285, 0.3249

# Square

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



52.5811, 0.2915, 0.3226



52.5811, 0.3068, 0.3107



52.5811, 0.3344, 0.3348



52.5811, 0.3184, 0.3481

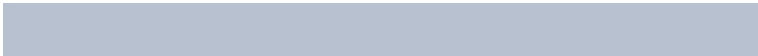


# Rectangle

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



52.5811, 0.2915, 0.3226



52.5811, 0.2946, 0.3108



52.5811, 0.3344, 0.3348



52.5811, 0.3311, 0.3473

# Sweetspot

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



52.5833, 0.2915, 0.3226



96.9642, 0.3065, 0.3272



53.8527, 0.3077, 0.3593



20.6348, 0.3053, 0.3269



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

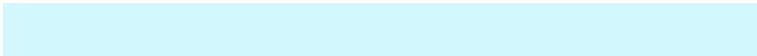


# Same Dimension

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



52.5833, 0.2915, 0.3226



87.8628, 0.2866, 0.3210



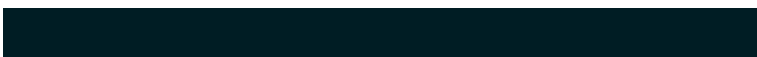
46.6856, 0.2910, 0.3048



11.7341, 0.2984, 0.3248



19.7477, 0.2088, 0.2717



1.0215, 0.2125, 0.2849



# Inverse Universe

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



46.2827, 0.3184, 0.3008



74.9054, 0.3199, 0.2939



52.9815, 0.3349, 0.3521



10.7830, 0.3164, 0.3102



9.5335, 0.3712, 0.1819

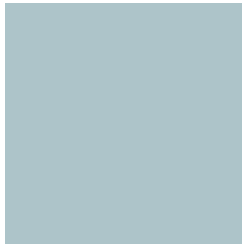


0.4601, 0.3590, 0.1751



# Previews

## White Background



This preview shows how the Yxy color 52.5811, 0.2915, 0.3226 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

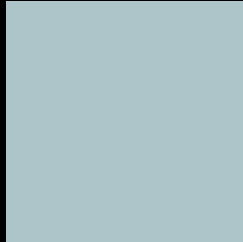
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.5811, 0.2915, 0.3226 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

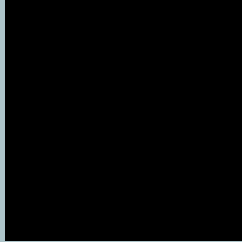
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

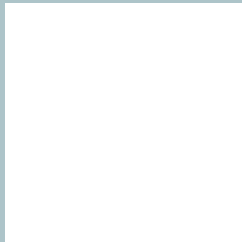
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 52.5811, 0.2915, 0.3226**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.5811, 0.2915, 0.3226.



This preview shows how white text looks on a background with the Yxy color 52.5811, 0.2915, 0.3226.

# 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

52.5811, 0.2915, 0.3226

### Protanopia

52.2416, 0.3091, 0.3192

### Deuteranopia

52.4087, 0.3153, 0.3088



## Tritanopia

52.7973, 0.2869, 0.3102

# Trichromacy



## Original Color

52.5811, 0.2915, 0.3226

## Protanomaly

52.2619, 0.3028, 0.3203

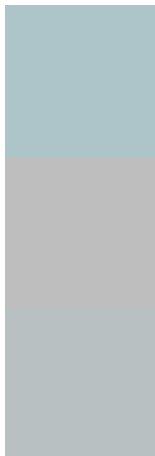
## Deuteranomaly

52.4286, 0.3062, 0.3143

## Tritanomaly

52.5339, 0.2881, 0.3138

# Monochromacy



## Original Color

52.5811, 0.2915, 0.3226

## Achromatopsia

51.4918, 0.3127, 0.3290

## Achromatomaly

51.7847, 0.3048, 0.3265

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.5811, 0.2915, 0.3226 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, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(173, 196, 201)  
}
```

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, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 196, 201) }
```

## Border

The CSS property to change the border of an element to Yxy 52.5811, 0.2915, 0.3226 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, 196, 201) }
```

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

```
.border{ border-color:rgb(173, 196, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 196, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(173, 196,  
201) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.5811, 0.2915, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 196, 201) }
```

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

```
.background{ background-color: rgb(173,  
196, 201) }
```

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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