

Converting Colors

$Yxy(60.6340, 0.2900, 0.3388)$

Have a look what the booklet for
Yxy(60.6340, 0.2900, 0.3388)
contains.

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Color

Yxy(60.8805, 0.2896, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	ADD5CD
RGB	173, 213, 205
RGB Percent	68%, 84%, 80%
CMY	0.3218, 0.1646, 0.1960
CMYK	0.19, 0.00, 0.04, 0.16
HSL	168°, 32%, 76%
HSV	168°, 19%, 84%
XYZ	52.0395, 60.8805, 66.7745
YIQ	200.1280, -21.2720, -10.9680

Conversions

Conversions Part 2

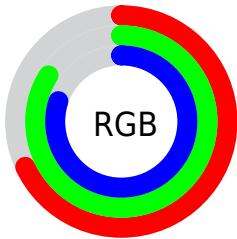
Format	Color
RYB	173, 195, 213
Decimal	11392461
CIELab	82.31, -14.73, -0.41
CIELCh	82, 14.733, 181.607
Yxy	60.8805, 0.2896, 0.3388
Android (android.graphics.Color)	4289582541 (0xFFADD5CD)
YUV	200.1280, 2.4019, -23.7913
Hunter-Lab	78.0260, -17.4946, 3.8779

Details

The Yxy color **60.8805, 0.2896, 0.3388** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.3493, 0.3422, 0.3195**, and the grayscale version is **57.8325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **30.6812, 0.2837, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **58.4434, 0.2784, 0.3447**, and if you desaturate by 10%, it is **63.7153, 0.3016, 0.3334**.

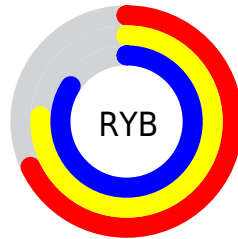
Distribution



Red (68%)

Green (84%)

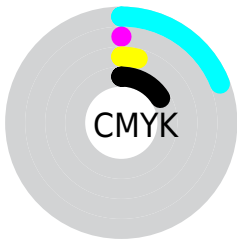
Blue (80%)



Red (68%)

Yellow (76%)

Blue (84%)

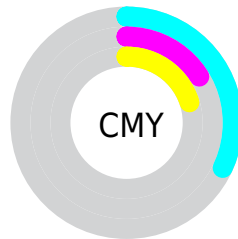


Cyan (19%)

Magenta (0%)

Yellow (4%)

Black (16%)



Cyan (32%)

Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8805, 0.2896, 0.3388 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 60.8805, 0.2896, 0.3388 by changing the saturation by 10% instead.

■ 60.8805, 0.2896,
0.3388

■ 60.8805, 0.2896,
0.3388

427.8357, 0.3006,
0.3342

■ 44.1287, 0.2870,
0.3399

■ 106.1059, 0.2935,
0.3372

■ 30.7717, 0.2837,
0.3413

135.3483, 0.2950,
0.3365

■ 20.4251, 0.2795,
0.3430

169.5231, 0.2963,
0.3360

■ 12.7044, 0.2739,
0.3454

209.0145, 0.2974,
0.3355

■ 7.2253, 0.2660,
0.3487

254.2072, 0.2983,
0.3351

■ 3.6034, 0.2540,
0.3537

305.4853, 0.2992,

■ 1.4543, 0.2339,

0.3348

0.3619

363.2333, 0.2999,
0.3344

0.2562, 0.0000,
0.4542

0.0000, 0.0000,
0.0000

60.8805, 0.2896,
0.3388

60.8805, 0.2896,
0.3388

58.4434, 0.2784,
0.3447

63.7153, 0.3016,
0.3334

56.3781, 0.2682,
0.3511


66.9574, 0.3142,
0.3284


54.6673, 0.2595,
0.3578

70.6255, 0.3271,
0.3240

53.2893, 0.2524,
0.3648


74.1318, 0.3377,
0.3200


 52.2200, 0.2472,
0.3720


 74.3628, 0.3346,
0.3157

 51.4321, 0.2439,
0.3793


 74.5996, 0.3316,
0.3115

 50.8932, 0.2426,
0.3866

 74.8423, 0.3285,
0.3073

 50.5525, 0.2429,
0.3938

 75.0908, 0.3256,
0.3032

 50.5169, 0.2430,
0.3947

 75.3452, 0.3226,
0.2991

Harmonies

Analogous

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



60.8805, 0.3065, 0.3540



60.8805, 0.2896, 0.3388



60.8805, 0.2790, 0.3212

Triad

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



60.8805, 0.2896, 0.3388



60.8805, 0.2993, 0.2983



60.8805, 0.3496, 0.3501

Complementary

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



60.8805, 0.2896, 0.3388



47.3493, 0.3422, 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.



60.8805, 0.3476, 0.3351



60.8805, 0.2896, 0.3388



60.8805, 0.3182, 0.3058

Square

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



60.8805, 0.2896, 0.3388



60.8805, 0.2844, 0.2984



60.8805, 0.3360, 0.3191



60.8805, 0.3413, 0.3601

Rectangle

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



60.8805, 0.2896, 0.3388



60.8805, 0.2767, 0.3108



60.8805, 0.3360, 0.3191



60.8805, 0.3501, 0.3455

Sweetspot

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



60.8830, 0.2896, 0.3388



97.0176, 0.3051, 0.3320



60.4304, 0.3162, 0.3793



20.6992, 0.3042, 0.3323



0.0000, 0.0000, 0.0000



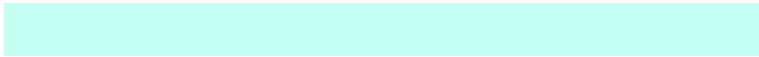
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8830, 0.2896, 0.3388



89.7913, 0.2845, 0.3414



55.4540, 0.2838, 0.3140



14.0634, 0.3009, 0.3337



30.8678, 0.2427, 0.3936



1.8729, 0.2392, 0.3811

Inverse Universe

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



47.3493, 0.3422, 0.3195



65.4550, 0.3510, 0.3171



51.8479, 0.3467, 0.3435



12.4609, 0.3260, 0.3244



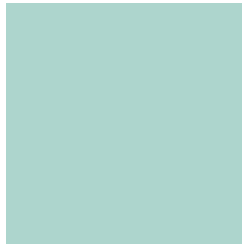
8.7572, 0.6063, 0.3114



0.5402, 0.5584, 0.2850

Previews

White Background



This preview shows how the Yxy color 60.8805, 0.2896, 0.3388 looks on a white background.

Color Contrast Check

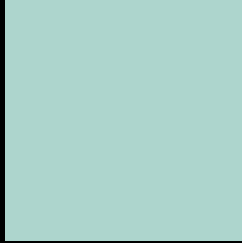
Large Text (above 18pt) WCAG AA × Fail

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 60.8805, 0.2896, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

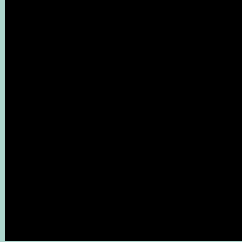
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

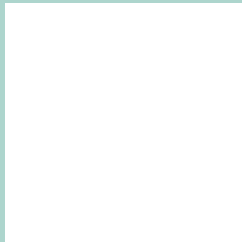
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8805, 0.2896, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 60.8805, 0.2896, 0.3388.

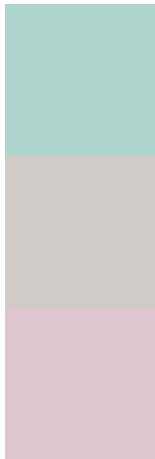


This preview shows how white text looks on a background with the Yxy color 60.8805, 0.2896, 0.3388.

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

60.8805, 0.2896, 0.3388

Protanopia

60.4373, 0.3195, 0.3325

Deuteranopia

60.4718, 0.3243, 0.3178



Tritanopia

60.9863, 0.2786, 0.3087

Trichromacy



Original Color

60.8805, 0.2896, 0.3388

Protanomaly

60.6257, 0.3079, 0.3349

Deuteranomaly

60.0542, 0.3106, 0.3243

Tritanomaly

60.9331, 0.2829, 0.3193

Monochromacy



Original Color

60.8805, 0.2896, 0.3388

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.8741, 0.3035, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8805, 0.2896, 0.3388 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, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(173, 213, 205)  
}
```

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, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 213, 205) }
```

Border

The CSS property to change the border of an element to Yxy 60.8805, 0.2896, 0.3388 is called "border". The border property can be set on classes, ids or directly on the HTML element.

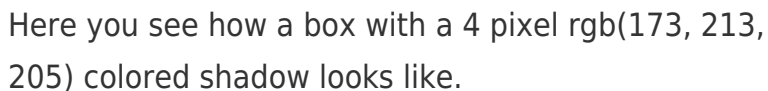
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 213, 205) }
```

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

```
.border{ border-color:rgb(173, 213, 205) }
```

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



Here you see how a box with a 4 pixel rgb(173, 213, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(173, 213,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8805, 0.2896, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 213, 205) }
```

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

```
.background{ background-color: rgb(173,  
213, 205) }
```

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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