

Converting Colors

$Yxy(60.1777, 0.2835, 0.3289)$

Have a look what the booklet for
Yxy(60.1777, 0.2835, 0.3289)
contains.

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Color

Yxy(60.3865, 0.2833, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	AAD4D4
RGB	170, 212, 212
RGB Percent	67%, 83%, 83%
CMY	0.3331, 0.1687, 0.1686
CMYK	0.20, 0.00, 0.00, 0.17
HSL	180°, 33%, 75%
HSV	180°, 20%, 83%
XYZ	52.0143, 60.3865, 71.2006
YIQ	199.4420, -25.0320, -8.9040

Conversions

Conversions Part 2

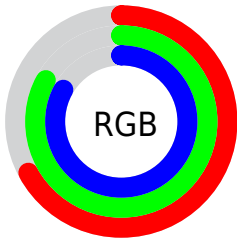
Format	Color
R _{YB}	170, 191, 212
Decimal	11195604
CIE Lab	82.05, -13.64, -4.55
CIE LCh	82, 14.382, 198.433
Yxy	60.3865, 0.2833, 0.3289
Android (android.graphics.Color)	4289385684 (0xFFAAD4D4)
YUV	199.4420, 6.1911, -25.8206
Hunter-Lab	77.7088, -16.5115, 0.0717

Details

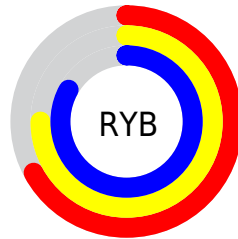
The Yxy color **60.3865, 0.2833, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.6780, 0.3516, 0.3291**, and the grayscale version is **57.3789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **30.3302, 0.2763, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **58.2103, 0.2700, 0.3289**, and if you desaturate by 10%, it is **62.9486, 0.2978, 0.3290**.

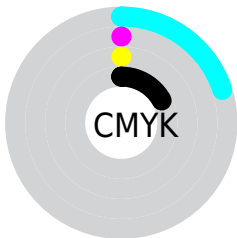
Distribution



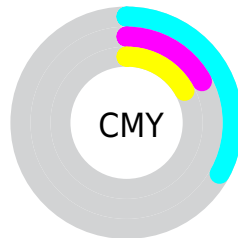
- Red (67%)
- Green (83%)
- Blue (83%)



- Red (67%)
- Yellow (75%)
- Blue (83%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)




- Cyan (33%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3865, 0.2833, 0.3289 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 60.3865, 0.2833, 0.3289 by changing the saturation by 10% instead.


 60.3865, 0.2833,
0.3289

 60.3865, 0.2833,
0.3289


426.0209, 0.2973,
0.3291

 43.7302, 0.2800,
0.3288


 105.3901, 0.2882,
0.3290

 30.4585, 0.2759,
0.3287


134.5063, 0.2901,
0.3290

 20.1869, 0.2706,
0.3285


168.5445, 0.2917,
0.3291

 12.5309, 0.2636,
0.3281

207.8893, 0.2931,
0.3291

 7.1064, 0.2538,
0.3276

252.9249, 0.2944,
0.3291

 3.5287, 0.2391,
0.3264

304.0358, 0.2954,

 1.4136, 0.2148,

0.3291

361.6063, 0.2964,
0.3291

0.3237

0.2267, 0.0000,
0.2864

0.0000, 0.0000,
0.0000

60.3865, 0.2833,
0.3289

60.3865, 0.2833,
0.3289

58.2103, 0.2700,
0.3289

62.9486, 0.2978,
0.3290

56.3945, 0.2581,
0.3288


65.9064, 0.3131,
0.3290


54.9218, 0.2480,
0.3288


69.2781, 0.3289,
0.3291


53.7706, 0.2396,
0.3287


73.0789, 0.3450,
0.3291


 52.9168, 0.2332,
0.3287


 73.1072, 0.3452,
0.3291


 52.3331, 0.2287,
0.3287


 73.1094, 0.3452,
0.3291


 51.9870, 0.2260,
0.3287

 73.1117, 0.3452,
0.3291

 51.8209, 0.2247,
0.3287

 73.1139, 0.3452,
0.3291

 51.8179, 0.2246,
0.3287

 73.1162, 0.3451,
0.3291

Harmonies

Analogous

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



60.3865, 0.2968, 0.3457



60.3865, 0.2833, 0.3289



60.3865, 0.2775, 0.3127

Triad

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



60.3865, 0.2833, 0.3289



60.3865, 0.3098, 0.3022



60.3865, 0.3454, 0.3560

Complementary

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



60.3865, 0.2833, 0.3289



45.6780, 0.3516, 0.3291

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.



60.3865, 0.3492, 0.3436



60.3865, 0.2833, 0.3289



60.3865, 0.3283, 0.3131

Square

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



60.3865, 0.2833, 0.3289



60.3865, 0.2925, 0.2980



60.3865, 0.3429, 0.3280



60.3865, 0.3327, 0.3615

Rectangle

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



60.3865, 0.2833, 0.3289



60.3865, 0.2787, 0.3046



60.3865, 0.3429, 0.3280



60.3865, 0.3478, 0.3525

Sweetspot

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



60.3890, 0.2833, 0.3289



97.2107, 0.3034, 0.3290



58.5446, 0.3102, 0.3831



20.7450, 0.3024, 0.3290



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.



60.3890, 0.2833, 0.3289



90.1746, 0.2772, 0.3289



50.5818, 0.2817, 0.3024



14.1074, 0.2983, 0.3290



31.9901, 0.2246, 0.3287



1.9296, 0.2246, 0.3287

Inverse Universe

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



47.5230, 0.3150, 0.2802



66.9738, 0.3155, 0.2691



54.1770, 0.3468, 0.3542



12.6327, 0.3138, 0.3060



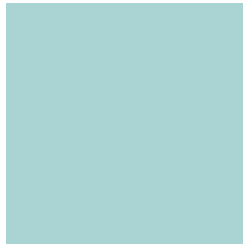
11.5743, 0.3210, 0.1542



0.6981, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 60.3865, 0.2833, 0.3289 looks on a white background.

Color Contrast Check

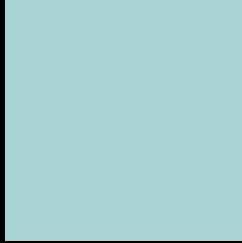
Large Text (above 18pt) WCAG AA × Fail

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 60.3865, 0.2833, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

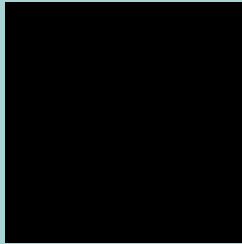
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

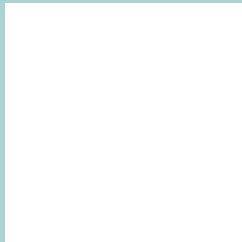
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3865, 0.2833, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 60.3865, 0.2833, 0.3289.

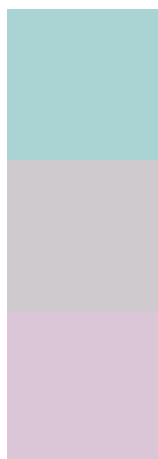


This preview shows how white text looks on a background with the Yxy color 60.3865, 0.2833, 0.3289.

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

60.3865, 0.2833, 0.3289

Protanopia

59.8191, 0.3129, 0.3243

Deuteranopia

60.1999, 0.3160, 0.3099



Tritanopia

60.5235, 0.2760, 0.3085

Trichromacy



Original Color

60.3865, 0.2833, 0.3289

Protanomaly

60.0341, 0.3016, 0.3266

Deuteranomaly

59.9844, 0.3035, 0.3162

Tritanomaly

60.6331, 0.2784, 0.3156

Monochromacy



Original Color

60.3865, 0.2833, 0.3289

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.2367, 0.3007, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3865, 0.2833, 0.3289 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(170, 212, 212)` looks like.

```
.text, #text, p{  
    color:rgb(170, 212, 212)  
}
```

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(170, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 212, 212) }
```

Border

The CSS property to change the border of an element to Yxy 60.3865, 0.2833, 0.3289 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(170, 212, 212) }
```

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

```
.border{ border-color:rgb(170, 212, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(170, 212,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3865, 0.2833, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 212, 212) }
```

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

```
.background{ background-color: rgb(170,  
212, 212) }
```

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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