

Converting Colors

$Yxy(60.0067, 0.2935, 0.3397)$

Have a look what the booklet for
Yxy(60.0067, 0.2935, 0.3397)
contains.

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Color

Yxy(60.0829, 0.2935, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	B0D3CA
RGB	176, 211, 202
RGB Percent	69%, 83%, 79%
CMY	0.3100, 0.1725, 0.2079
CMYK	0.17, 0.00, 0.04, 0.17
HSL	165°, 28%, 76%
HSV	165°, 17%, 83%
XYZ	51.8504, 60.0829, 64.7291
YIQ	199.5090, -17.9710, -10.2190

Conversions

Conversions Part 2

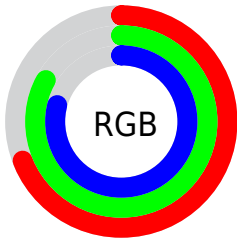
Format	Color
RYB	176, 196, 211
Decimal	11588554
CIELab	81.88, -13.36, 0.60
CIELCh	82, 13.377, 177.445
Yxy	60.0829, 0.2935, 0.3401
Android (android.graphics.Color)	4289778634 (0xFFB0D3CA)
YUV	199.5090, 1.2281, -20.6174
Hunter-Lab	77.5132, -16.2451, 4.7478

Details

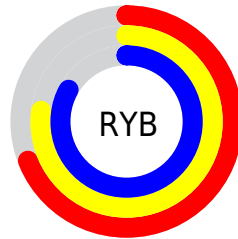
The Yxy color **60.0829, 0.2935, 0.3401** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.3886, 0.3363, 0.3182**, and the grayscale version is **57.4382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **30.1260, 0.2886, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **57.5614, 0.2827, 0.3477**, and if you desaturate by 10%, it is **63.0007, 0.3049, 0.3332**.

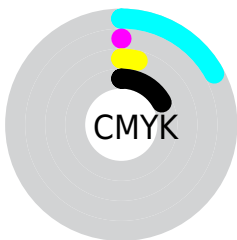
Distribution



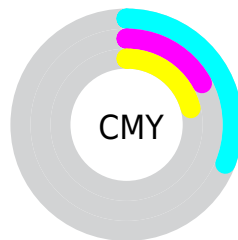
- Red (69%)
- Green (83%)
- Blue (79%)



- Red (69%)
- Yellow (77%)
- Blue (83%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)





- Cyan (31%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0829, 0.2935, 0.3401 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 60.0829, 0.2935, 0.3401 by changing the saturation by 10% instead.


 60.0829, 0.2935,
0.3401

 60.0829, 0.2935,
0.3401


424.9033, 0.3027,
0.3348

 43.4855, 0.2913,
0.3414

 104.9499, 0.2968,
0.3382

 30.2662, 0.2886,
0.3430


133.9883, 0.2980,
0.3375

 20.0407, 0.2850,
0.3450


167.9424, 0.2991,
0.3369

 12.4247, 0.2802,
0.3478

207.1967, 0.3000,
0.3363

 7.0336, 0.2735,
0.3517

252.1355, 0.3008,
0.3359

 3.4831, 0.2632,
0.3578

303.1433, 0.3015,

 1.3888, 0.2457,

0.3355

0.3682

360.6044, 0.3021,
0.3351

0.2085, 0.0000,
0.5294

0.0000, 0.0000,
0.0000

60.0829, 0.2935,
0.3401

60.0829, 0.2935,
0.3401

57.5614, 0.2827,
0.3477

63.0007, 0.3049,
0.3332

55.4112, 0.2730,
0.3558

66.3240, 0.3168,
0.3270

53.6155, 0.2644,
0.3645

70.0709, 0.3288,
0.3214

52.1536, 0.2574,
0.3737

73.2240, 0.3367,
0.3163

■ 51.0025, 0.2522,
0.3832

■ 73.5234, 0.3328,
0.3108

■ 50.1362, 0.2490,
0.3928

■ 73.8323, 0.3289,
0.3055

■ 49.5243, 0.2477,
0.4025

■ 74.1508, 0.3250,
0.3002

■ 49.1278, 0.2483,
0.4121

■ 74.4790, 0.3212,
0.2950

■ 49.0185, 0.2487,
0.4153

■ 74.8170, 0.3175,
0.2899

Harmonies

Analogous

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



60.0829, 0.3095, 0.3532



60.0829, 0.2935, 0.3401



60.0829, 0.2828, 0.3241

Triad

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



60.0829, 0.2935, 0.3401



60.0829, 0.2983, 0.3005



60.0829, 0.3466, 0.3466

Complementary

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



60.0829, 0.2935, 0.3401



48.3886, 0.3363, 0.3182

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.



60.0829, 0.3436, 0.3326



60.0829, 0.2935, 0.3401



60.0829, 0.3153, 0.3065

Square

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



60.0829, 0.2935, 0.3401



60.0829, 0.2855, 0.3017



60.0829, 0.3319, 0.3181



60.0829, 0.3403, 0.3566

Rectangle

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



60.0829, 0.2935, 0.3401



60.0829, 0.2799, 0.3143



60.0829, 0.3319, 0.3181



60.0829, 0.3467, 0.3422

Sweetspot

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



60.0854, 0.2935, 0.3401



97.4517, 0.3067, 0.3322



60.0822, 0.3176, 0.3726



20.7848, 0.3059, 0.3326



0.0000, 0.0000, 0.0000



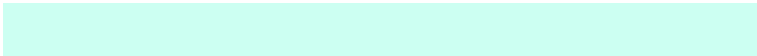
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0854, 0.2935, 0.3401



90.7596, 0.2895, 0.3428



56.5640, 0.2873, 0.3188



13.3529, 0.3017, 0.3351



29.5950, 0.2483, 0.4139



1.6673, 0.2434, 0.3963

Inverse Universe

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



48.3886, 0.3363, 0.3182



69.4630, 0.3426, 0.3157



51.3232, 0.3426, 0.3389



11.8575, 0.3251, 0.3230



8.5350, 0.5889, 0.3018



0.4904, 0.5355, 0.2724

Previews

White Background



This preview shows how the Yxy color 60.0829, 0.2935, 0.3401 looks on a white background.

Color Contrast Check

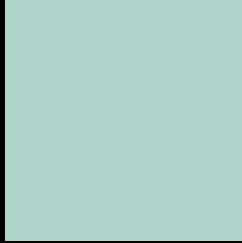
Large Text (above 18pt) WCAG AA × Fail

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 60.0829, 0.2935, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

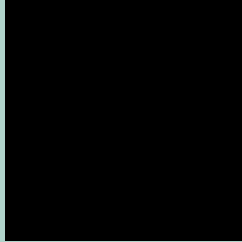
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

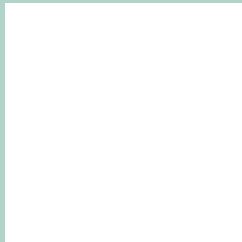
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0829, 0.2935, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 60.0829, 0.2935, 0.3401.



This preview shows how white text looks on a background with the Yxy color 60.0829, 0.2935, 0.3401.

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





Tritanopia

60.1969, 0.2822, 0.3098

Trichromacy



Original Color

60.0829, 0.2935, 0.3401

Protanomaly

59.5219, 0.3101, 0.3362

Deuteranomaly

59.5798, 0.3136, 0.3267

Tritanomaly

60.1425, 0.2866, 0.3205

Monochromacy



Original Color

60.0829, 0.2935, 0.3401

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.4791, 0.3050, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0829, 0.2935, 0.3401 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(176, 211, 202)` looks like.

```
.text, #text, p{  
    color:rgb(176, 211, 202)  
}
```

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(176, 211, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 211, 202) }
```

Border

The CSS property to change the border of an element to Yxy 60.0829, 0.2935, 0.3401 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(176, 211, 202) }
```

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

```
.border{ border-color:rgb(176, 211, 202) }
```

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

Here you see how a box with a 4 pixel rgb(176, 211, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 211, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 211, 202);  
box-shadow:4px 4px 4px 4px rgb(176, 211,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0829, 0.2935, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 211, 202) }
```

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

```
.background{ background-color: rgb(176,  
211, 202) }
```

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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