

Converting Colors

$Yxy(61.1951, 0.2876, 0.3299)$

Have a look what the booklet for
Yxy(61.1951, 0.2876, 0.3299)
contains.

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Color

Yxy(61.0202, 0.2879, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	B0D4D3
RGB	176, 212, 211
RGB Percent	69%, 83%, 83%
CMY	0.3095, 0.1687, 0.1725
CMYK	0.17, 0.00, 0.00, 0.17
HSL	178°, 29%, 76%
HSV	178°, 17%, 83%
XYZ	53.2194, 61.0202, 70.6141
YIQ	201.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

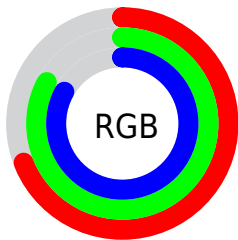
Format	Color
RYB	176, 194, 212
Decimal	11588819
CIELab	82.39, -11.98, -3.48
CIELCh	82, 12.478, 196.195
Yxy	61.0202, 0.2879, 0.3301
Android (android.graphics.Color)	4289778899 (0xFFB0D4D3)
YUV	201.1220, 4.8699, -22.0320
Hunter-Lab	78.1154, -15.0915, 1.0843

Details

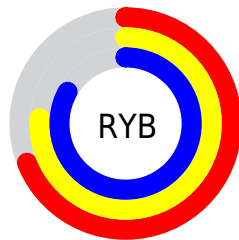
The Yxy color **61.0202, 0.2879, 0.3301** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.2493, 0.3441, 0.3279**, and the grayscale version is **58.4767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **30.7592, 0.2813, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **58.7117, 0.2745, 0.3308**, and if you desaturate by 10%, it is **63.7197, 0.3023, 0.3294**.

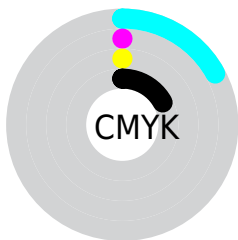
Distribution



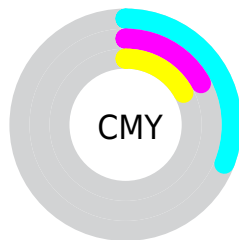
- Red (69%)
- Green (83%)
- Blue (83%)



- Red (69%)
- Yellow (76%)
- Blue (83%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0202, 0.2879, 0.3301 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 61.0202, 0.2879, 0.3301 by changing the saturation by 10% instead.

 61.0202, 0.2879,
0.3301

 61.0202, 0.2879,
0.3301


428.3481, 0.2997,
0.3297

 44.2415, 0.2851,
0.3302


 106.3082, 0.2921,
0.3300

 30.8604, 0.2817,
0.3302


135.5862, 0.2936,
0.3299

 20.4926, 0.2772,
0.3303


169.7995, 0.2950,
0.3299

 12.7536, 0.2713,
0.3304

209.3324, 0.2962,
0.3298

 7.2591, 0.2630,
0.3304

254.5693, 0.2972,
0.3298

 3.6247, 0.2505,
0.3302

305.8946, 0.2981,

 1.4659, 0.2298,

0.3297

0.3294

363.6927, 0.2990,
0.3297

0.2645, 0.0000,
0.3324

0.0000, 0.0000,
0.0000

61.0202, 0.2879,
0.3301

61.0202, 0.2879,
0.3301

58.7117, 0.2745,
0.3308

63.7197, 0.3023,
0.3294

56.7689, 0.2625,
0.3316

66.8194, 0.3174,
0.3288


55.1751, 0.2520,
0.3324


70.3375, 0.3329,
0.3283


53.9091, 0.2433,
0.3333


73.1595, 0.3442,
0.3278


 52.9477, 0.2365,
0.3341


 73.1885, 0.3438,
0.3272

 52.2647, 0.2316,
0.3350


 73.2176, 0.3434,
0.3266


 51.8292, 0.2286,
0.3359

 73.2469, 0.3429,
0.3260

 51.6008, 0.2272,
0.3367

 73.2762, 0.3425,
0.3254

 51.5505, 0.2270,
0.3370

 73.3057, 0.3421,
0.3249

Harmonies

Analogous

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



61.0202, 0.3001, 0.3444



61.0202, 0.2879, 0.3301



61.0202, 0.2823, 0.3159

Triad

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



61.0202, 0.2879, 0.3301



61.0202, 0.3090, 0.3052



61.0202, 0.3415, 0.3518

Complementary

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



61.0202, 0.2879, 0.3301



48.2493, 0.3441, 0.3279

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.



61.0202, 0.3441, 0.3408



61.0202, 0.2879, 0.3301



61.0202, 0.3251, 0.3143

Square

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



61.0202, 0.2879, 0.3301



61.0202, 0.2943, 0.3021



61.0202, 0.3381, 0.3272



61.0202, 0.3310, 0.3570

Rectangle

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



61.0202, 0.2879, 0.3301



61.0202, 0.2830, 0.3086



61.0202, 0.3381, 0.3272



61.0202, 0.3433, 0.3487

Sweetspot

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



61.0227, 0.2879, 0.3301



97.6395, 0.3051, 0.3293



59.5962, 0.3115, 0.3744



20.8306, 0.3040, 0.3294



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.



61.0227, 0.2879, 0.3301



91.4894, 0.2834, 0.3303



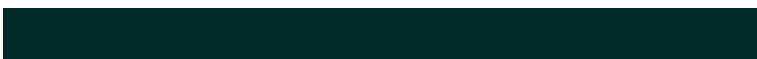
53.1226, 0.2863, 0.3081



14.1018, 0.2986, 0.3296



31.8319, 0.2269, 0.3369



1.9218, 0.2265, 0.3354

Inverse Universe

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



48.2493, 0.3441, 0.3279



68.8714, 0.3516, 0.3277



55.1979, 0.3416, 0.3490



12.4262, 0.3287, 0.3284



8.6512, 0.6370, 0.3283



0.5237, 0.6272, 0.3229

Previews

White Background



This preview shows how the Yxy color 61.0202, 0.2879, 0.3301 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 61.0202, 0.2879, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

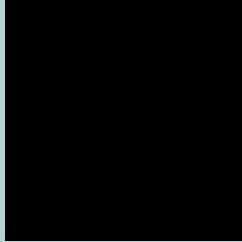
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

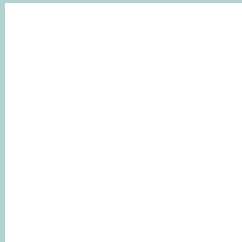
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0202, 0.2879, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 61.0202, 0.2879, 0.3301.

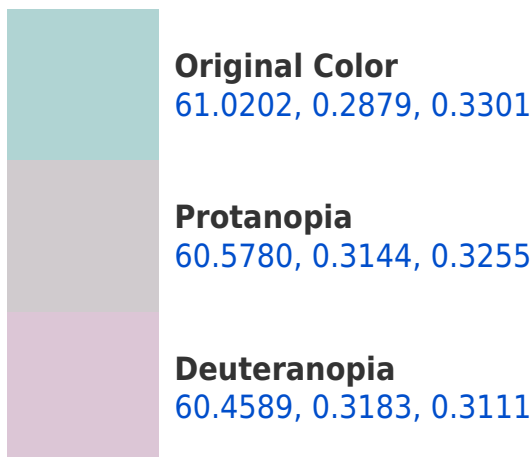


This preview shows how white text looks on a background with the Yxy color 61.0202, 0.2879, 0.3301.

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

61.1679, 0.2805, 0.3099

Trichromacy



Original Color

61.0202, 0.2879, 0.3301

Protanomaly

60.4324, 0.3039, 0.3266

Deuteranomaly

60.3533, 0.3064, 0.3174

Tritanomaly

61.2740, 0.2830, 0.3169

Monochromacy



Original Color

61.0202, 0.2879, 0.3301

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2769, 0.3030, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0202, 0.2879, 0.3301 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, 212, 211)` looks like.

```
.text, #text, p{  
    color:rgb(176, 212, 211)  
}
```

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, 212, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 212, 211) }
```

Border

The CSS property to change the border of an element to Yxy 61.0202, 0.2879, 0.3301 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, 212, 211) }
```

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

```
.border{ border-color:rgb(176, 212, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 212, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 212, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 212, 211);  
box-shadow:4px 4px 4px 4px rgb(176, 212,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0202, 0.2879, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 212, 211) }
```

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

```
.background{ background-color: rgb(176,  
212, 211) }
```

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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