

Converting Colors

$Yxy(61.2555, 0.2985, 0.3457)$

Have a look what the booklet for
Yxy(61.2555, 0.2985, 0.3457)
contains.

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Color

Yxy(61.4153, 0.2983, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	B4D5C7
RGB	180, 213, 199
RGB Percent	71%, 84%, 78%
CMY	0.2939, 0.1647, 0.2196
CMYK	0.15, 0.00, 0.07, 0.16
HSL	155°, 28%, 77%
HSV	155°, 15%, 84%
XYZ	52.9332, 61.4153, 63.1011
YIQ	201.5370, -15.1740, -11.3500

Conversions

Conversions Part 2

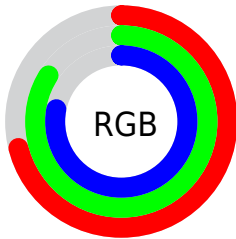
Format	Color
RYB	180, 201, 213
Decimal	11851207
CIELab	82.60, -13.64, 3.26
CIELCh	83, 14.019, 166.568
Yxy	61.4153, 0.2983, 0.3461
Android (android.graphics.Color)	4290041287 (0xFFB4D5C7)
YUV	201.5370, -1.2507, -18.8879
Hunter-Lab	78.3679, -16.5769, 7.1178

Details

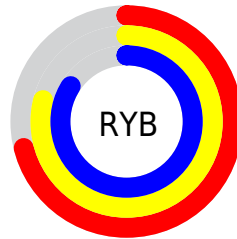
The Yxy color **61.4153, 0.2983, 0.3461** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.7016, 0.3298, 0.3125**, and the grayscale version is **58.7803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **31.0101, 0.2948, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **58.6465, 0.2895, 0.3587**, and if you desaturate by 10%, it is **64.6070, 0.3076, 0.3347**.

Distribution



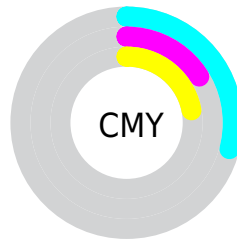
- Red (71%)
- Green (84%)
- Blue (78%)



- Red (71%)
- Yellow (79%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4153, 0.2983, 0.3461 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 61.4153, 0.2983, 0.3461 by changing the saturation by 10% instead.


 61.4153, 0.2983,
0.3461

 61.4153, 0.2983,
0.3461


429.7951, 0.3052,
0.3379

 44.5604, 0.2967,
0.3481


 106.8800, 0.3008,
0.3432

 31.1113, 0.2946,
0.3506


136.2587, 0.3017,
0.3420

 20.6836, 0.2919,
0.3538


170.5807, 0.3025,
0.3411

 12.8929, 0.2883,
0.3582

210.2304, 0.3032,
0.3403

 7.3549, 0.2831,
0.3645

255.5924, 0.3038,
0.3395

 3.6850, 0.2752,
0.3742

307.0509, 0.3043,

 1.4990, 0.2616,

0.3389

0.3913

364.9903, 0.3048,
0.3384

0.2880, 0.0000,
0.7702

0.0000, 0.0000,
0.0000

61.4153, 0.2983,
0.3461

61.4153, 0.2983,
0.3461

58.6465, 0.2895,
0.3587

64.6070, 0.3076,
0.3347

56.2747, 0.2814,
0.3725

68.2311, 0.3170,
0.3245

54.2826, 0.2743,
0.3873

72.3063, 0.3265,
0.3155

52.6489, 0.2686,
0.4030

74.8535, 0.3283,
0.3070

■ 51.3500, 0.2646,
0.4194

■ 75.3900, 0.3220,
0.2982

■ 50.3592, 0.2625,
0.4361

■ 75.9534, 0.3158,
0.2897

■ 49.6457, 0.2624,
0.4526

■ 76.0655, 0.3146,
0.2881

■ 49.1718, 0.2643,
0.4688

■ 49.0052, 0.2655,
0.4759

Harmonies

Analogous

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



61.4153, 0.3159, 0.3574



61.4153, 0.2983, 0.3461



61.4153, 0.2848, 0.3300

Triad

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



61.4153, 0.2983, 0.3461



61.4153, 0.2922, 0.2989



61.4153, 0.3480, 0.3423

Complementary

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



61.4153, 0.2983, 0.3461



50.7016, 0.3298, 0.3125

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.



61.4153, 0.3413, 0.3271



61.4153, 0.2983, 0.3461



61.4153, 0.3087, 0.3026

Square

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



61.4153, 0.2983, 0.3461



61.4153, 0.2813, 0.3029



61.4153, 0.3268, 0.3127



61.4153, 0.3449, 0.3546

Rectangle

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



61.4153, 0.2983, 0.3461



61.4153, 0.2798, 0.3191



61.4153, 0.3268, 0.3127



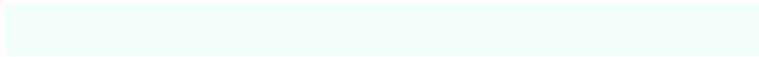
61.4153, 0.3468, 0.3374

Sweetspot

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



61.4179, 0.2983, 0.3461



97.3178, 0.3079, 0.3343



62.3945, 0.3214, 0.3689



20.7522, 0.3073, 0.3350



0.0000, 0.0000, 0.0000



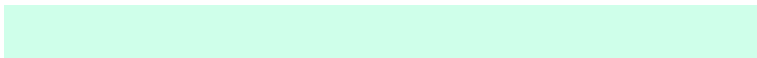
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4179, 0.2983, 0.3461



90.6862, 0.2950, 0.3507



61.0002, 0.2893, 0.3263



14.0146, 0.3039, 0.3391



29.9573, 0.2649, 0.4736



1.8233, 0.2572, 0.4460

Inverse Universe

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



50.7016, 0.3298, 0.3125



71.2203, 0.3348, 0.3083



50.9966, 0.3412, 0.3317



12.5074, 0.3225, 0.3191



9.1158, 0.5264, 0.2673



0.5662, 0.4823, 0.2431

Previews

White Background



This preview shows how the Yxy color 61.4153, 0.2983, 0.3461 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 61.4153, 0.2983, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

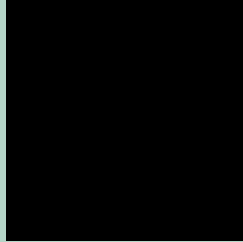
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

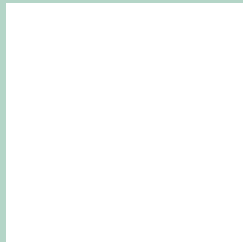
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4153, 0.2983, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 61.4153, 0.2983, 0.3461.

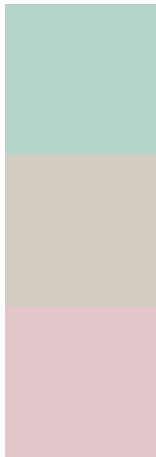


This preview shows how white text looks on a background with the Yxy color 61.4153, 0.2983, 0.3461.

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

61.4153, 0.2983, 0.3461

Protanopia

60.9297, 0.3254, 0.3407

Deuteranopia

60.8212, 0.3321, 0.3246



Tritanopia

61.4062, 0.2844, 0.3089

Trichromacy



Original Color

61.4153, 0.2983, 0.3461

Protanomaly

60.8905, 0.3151, 0.3421

Deuteranomaly

60.4842, 0.3188, 0.3313

Tritanomaly

61.1183, 0.2894, 0.3218

Monochromacy



Original Color

61.4153, 0.2983, 0.3461

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.8290, 0.3072, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4153, 0.2983, 0.3461 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(180, 213, 199)` looks like.

```
.text, #text, p{  
    color:rgb(180, 213, 199)  
}
```

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(180, 213, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 213, 199) }
```

Border

The CSS property to change the border of an element to Yxy 61.4153, 0.2983, 0.3461 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(180, 213, 199) }
```

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

```
.border{ border-color:rgb(180, 213, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 213, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 213, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 213, 199);  
box-shadow:4px 4px 4px 4px rgb(180, 213,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4153, 0.2983, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 213, 199) }
```

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

```
.background{ background-color: rgb(180,  
213, 199) }
```

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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