

Converting Colors

$Yxy(61.5495, 0.2875, 0.3457)$

Have a look what the booklet for
Yxy(61.5495, 0.2875, 0.3457)
contains.

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Color

Yxy(61.5915, 0.2877, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	A7D8CA
RGB	167, 216, 202
RGB Percent	65%, 85%, 79%
CMY	0.3450, 0.1529, 0.2079
CMYK	0.23, 0.00, 0.06, 0.15
HSL	163°, 39%, 75%
HSV	163°, 23%, 85%
XYZ	51.1544, 61.5915, 65.0587
YIQ	199.7530, -24.7100, -14.7420

Conversions

Conversions Part 2

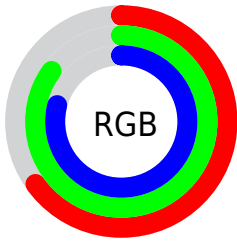
Format	Color
RYB	167, 196, 216
Decimal	11000010
CIELab	82.70, -18.70, 1.71
CIELCh	83, 18.781, 174.769
Yxy	61.5915, 0.2877, 0.3464
Android (android.graphics.Color)	4289190090 (0xFFA7D8CA)
YUV	199.7530, 1.1078, -28.7244
Hunter-Lab	78.4803, -20.9920, 5.7859

Details

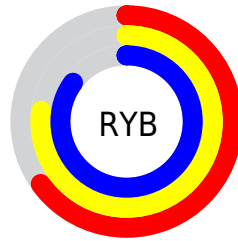
The Yxy color **61.5915, 0.2877, 0.3464** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.5824, 0.3459, 0.3123**, and the grayscale version is **57.6065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **31.2053, 0.2814, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **59.1473, 0.2778, 0.3553**, and if you desaturate by 10%, it is **64.4454, 0.2984, 0.3383**.

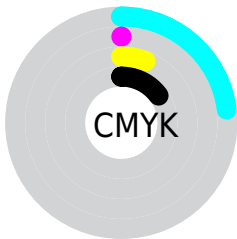
Distribution



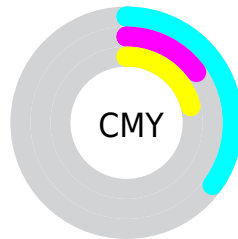
- Red (65%)
- Green (85%)
- Blue (79%)



- Red (65%)
- Yellow (77%)
- Blue (85%)



- Cyan (23%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (35%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5915, 0.2877, 0.3464 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 61.5915, 0.2877, 0.3464 by changing the saturation by 10% instead.


 61.5915, 0.2877,
0.3464


 61.5915, 0.2877,
0.3464


430.4395, 0.2996,
0.3381

 44.7027, 0.2849,
0.3484


 107.1349, 0.2919,
0.3434

 31.2233, 0.2813,
0.3509


 136.5583, 0.2935,
0.3423

 20.7690, 0.2768,
0.3541


170.9287, 0.2949,
0.3413

 12.9552, 0.2706,
0.3585

210.6305, 0.2961,
0.3405

 7.3977, 0.2620,
0.3647

256.0481, 0.2972,
0.3398

 3.7121, 0.2489,
0.3742

307.5658, 0.2981,

 1.5138, 0.2270,

0.3391

0.3905

365.5682, 0.2989,
0.3386

0.2984, 0.0000,
0.5925

0.0000, 0.0000,
0.0000

61.5915, 0.2877,
0.3464

61.5915, 0.2877,
0.3464

59.1473, 0.2778,
0.3553

64.4454, 0.2984,
0.3383

57.0856, 0.2690,
0.3648

67.7197, 0.3097,
0.3309

55.3876, 0.2616,
0.3749

71.4341, 0.3212,
0.3242

54.0299, 0.2560,
0.3854

75.6048, 0.3328,
0.3183

■ 52.9863, 0.2522,
0.3962

■ 76.2497, 0.3296,
0.3122

■ 52.2266, 0.2504,
0.4071

■ 76.6090, 0.3253,
0.3062

■ 51.7145, 0.2505,
0.4180

■ 76.9809, 0.3210,
0.3002

■ 51.4519, 0.2516,
0.4258

■ 77.3653, 0.3169,
0.2944

■ 77.5926, 0.3145,
0.2910

Harmonies

Analogous

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



61.5915, 0.3101, 0.3643



61.5915, 0.2877, 0.3464



61.5915, 0.2723, 0.3239

Triad

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



61.5915, 0.2877, 0.3464



61.5915, 0.2907, 0.2895



61.5915, 0.3603, 0.3515

Complementary

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



61.5915, 0.2877, 0.3464



45.5824, 0.3459, 0.3123

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.



61.5915, 0.3548, 0.3318



61.5915, 0.2877, 0.3464



61.5915, 0.3139, 0.2970

Square

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



61.5915, 0.2877, 0.3464



61.5915, 0.2739, 0.2917



61.5915, 0.3376, 0.3122



61.5915, 0.3524, 0.3663

Rectangle

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



61.5915, 0.2877, 0.3464



61.5915, 0.2677, 0.3099



61.5915, 0.3376, 0.3122



61.5915, 0.3599, 0.3452

Sweetspot

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



61.5940, 0.2877, 0.3464



96.4457, 0.3047, 0.3340



61.8140, 0.3204, 0.3902



20.5809, 0.3040, 0.3345



0.0000, 0.0000, 0.0000



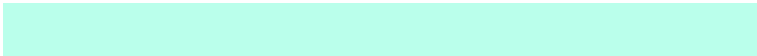
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5940, 0.2877, 0.3464



87.9932, 0.2831, 0.3504



57.4176, 0.2784, 0.3168



14.0444, 0.3020, 0.3358



30.4732, 0.2512, 0.4241



1.8519, 0.2460, 0.4056

Inverse Universe

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



45.5824, 0.3459, 0.3123



60.8902, 0.3547, 0.3088



48.7624, 0.3564, 0.3409



12.4787, 0.3247, 0.3223



8.8620, 0.5797, 0.2967



0.5487, 0.5297, 0.2692

Previews

White Background



This preview shows how the Yxy color 61.5915, 0.2877, 0.3464 looks on a white background.

Color Contrast Check

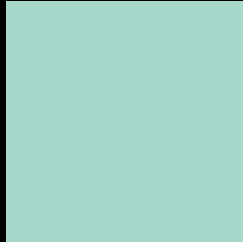
Large Text (above 18pt) WCAG AA × Fail

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 61.5915, 0.2877, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

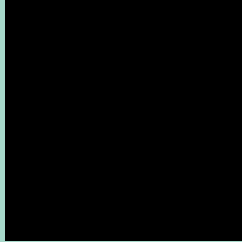
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

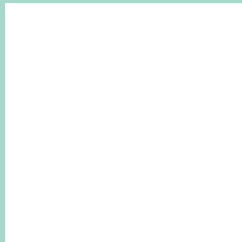
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5915, 0.2877, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 61.5915, 0.2877, 0.3464.

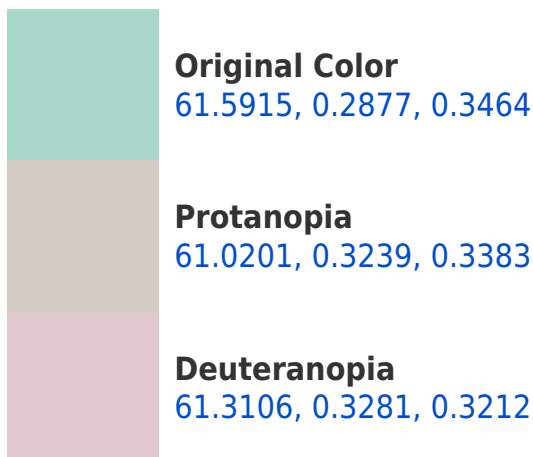


This preview shows how white text looks on a background with the Yxy color 61.5915, 0.2877, 0.3464.

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

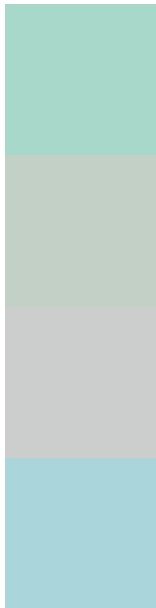




Tritanopia

61.5148, 0.2744, 0.3086

Trichromacy



Original Color

61.5915, 0.2877, 0.3464

Protanomaly

60.7911, 0.3099, 0.3410

Deuteranomaly

60.9078, 0.3120, 0.3290

Tritanomaly

61.2490, 0.2791, 0.3216

Monochromacy



Original Color

61.5915, 0.2877, 0.3464

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

59.0510, 0.3027, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5915, 0.2877, 0.3464 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(167, 216, 202)` looks like.

```
.text, #text, p{  
    color:rgb(167, 216, 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(167, 216, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 216, 202) }
```

Border

The CSS property to change the border of an element to Yxy 61.5915, 0.2877, 0.3464 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(167, 216, 202) }
```

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

```
.border{ border-color:rgb(167, 216, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 216, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 216, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 216, 202);  
box-shadow:4px 4px 4px 4px rgb(167, 216,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5915, 0.2877, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 216, 202) }
```

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

```
.background{ background-color: rgb(167,  
216, 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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