

Converting Colors

Yxy(64.6441, 0.2863, 0.3461)

Have a look what the booklet for
Yxy(64.6441, 0.2863, 0.3461)
contains.

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Color

Yxy(64.6529, 0.2863, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	A9DDCF
RGB	169, 221, 207
RGB Percent	66%, 87%, 81%
CMY	0.3371, 0.1333, 0.1884
CMYK	0.24, 0.00, 0.06, 0.13
HSL	164°, 43%, 76%
HSV	164°, 24%, 87%
XYZ	53.4820, 64.6529, 68.6692
YIQ	203.8560, -26.4980, -15.3780

Conversions

Conversions Part 2

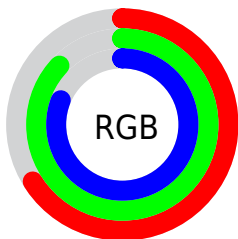
Format	Color
R _Y B	169, 199, 221
Decimal	11132367
CIE Lab	84.30, -19.56, 1.43
CIE LCh	84, 19.612, 175.831
Yxy	64.6529, 0.2863, 0.3461
Android (android.graphics.Color)	4289322447 (0xFFA9DDCF)
YUV	203.8560, 1.5500, -30.5687
Hunter-Lab	80.4070, -21.9846, 5.6501

Details

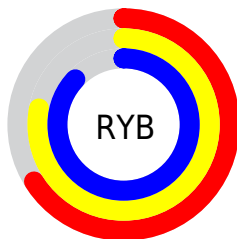
The Yxy color **64.6529, 0.2863, 0.3461** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.1810, 0.3483, 0.3126**, and the grayscale version is **60.2939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.7476, 0.2946, 0.3289**, and **33.2853, 0.2798, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **62.1274, 0.2763, 0.3545**, and if you desaturate by 10%, it is **67.6079, 0.2972, 0.3384**.

Distribution



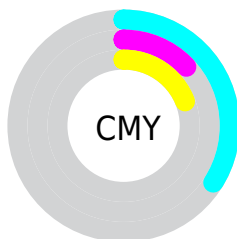
- Red (66%)
- Green (87%)
- Blue (81%)



- Red (66%)
- Yellow (78%)
- Blue (87%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)




- Cyan (34%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6529, 0.2863, 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 64.6529, 0.2863, 0.3461 by changing the saturation by 10% instead.

 64.6529, 0.2863,
0.3461

 64.6529, 0.2863,
0.3461

441.5436, 0.2988,
0.3380

 47.1797, 0.2834,
0.3480


 111.5507, 0.2907,
0.3432

 33.1777, 0.2797,
0.3504


141.7440, 0.2924,
0.3421

 22.2626, 0.2750,
0.3535


176.9462, 0.2938,
0.3412

 14.0500, 0.2688,
0.3576

217.5417, 0.2951,
0.3404

 8.1555, 0.2601,
0.3634

263.9147, 0.2962,
0.3397

 4.1946, 0.2472,
0.3721

316.4498, 0.2972,

 1.7830, 0.2259,

0.3390

375.5313, 0.2980,
0.3385

0.3866

0.4765, 0.0000,
0.5320

0.0000, 0.0000,
0.0000

64.6529, 0.2863,
0.3461

64.6529, 0.2863,
0.3461

62.1274, 0.2763,
0.3545

67.6079, 0.2972,
0.3384

60.0025, 0.2675,
0.3635

71.0039, 0.3086,
0.3313

58.2583, 0.2601,
0.3731


74.8616, 0.3204,
0.3250


56.8697, 0.2544,
0.3830

78.7344, 0.3305,
0.3193


 55.8087, 0.2507,
0.3932


 79.0772, 0.3264,
0.3134


 55.0430, 0.2489,
0.4034


 79.4315, 0.3223,
0.3076

 54.5334, 0.2491,
0.4136

 79.7976, 0.3184,
0.3019

 54.2984, 0.2500,
0.4201

 80.1755, 0.3145,
0.2963

 80.1939, 0.3143,
0.2960

Harmonies

Analogous

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



64.6529, 0.3091, 0.3648



64.6529, 0.2863, 0.3461



64.6529, 0.2708, 0.3229

Triad

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



64.6529, 0.2863, 0.3461



64.6529, 0.2909, 0.2886



64.6529, 0.3615, 0.3527

Complementary

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



64.6529, 0.2863, 0.3461



47.1810, 0.3483, 0.3126

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.



64.6529, 0.3564, 0.3326



64.6529, 0.2863, 0.3461



64.6529, 0.3148, 0.2966

Square

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



64.6529, 0.2863, 0.3461



64.6529, 0.2734, 0.2905



64.6529, 0.3390, 0.3124



64.6529, 0.3530, 0.3677

Rectangle

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



64.6529, 0.2863, 0.3461



64.6529, 0.2664, 0.3087



64.6529, 0.3390, 0.3124



64.6529, 0.3614, 0.3463

Sweetspot

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



64.6556, 0.2863, 0.3461



96.4637, 0.3045, 0.3337



64.7397, 0.3201, 0.3930



20.5851, 0.3038, 0.3341



0.0000, 0.0000, 0.0000



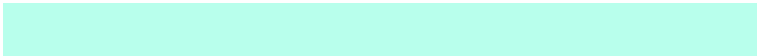
21.4041, 0.3127, 0.3290

Same Dimension

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



64.6556, 0.2863, 0.3461



87.7007, 0.2815, 0.3500



59.6244, 0.2770, 0.3152



14.7664, 0.3018, 0.3354



31.5619, 0.2496, 0.4185



2.0588, 0.2450, 0.4020

Inverse Universe

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



47.1810, 0.3483, 0.3126



59.6812, 0.3577, 0.3091



50.9980, 0.3583, 0.3424



13.1090, 0.3249, 0.3227



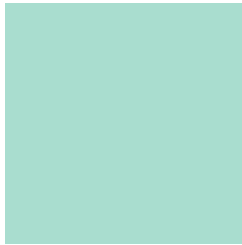
9.1338, 0.5854, 0.2999



0.6060, 0.5385, 0.2740

Previews

White Background



This preview shows how the Yxy color 64.6529, 0.2863, 0.3461 looks on a white background.

Color Contrast Check

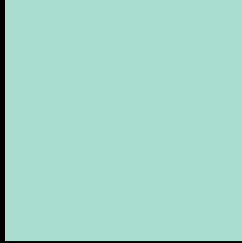
Large Text (above 18pt) WCAG AA × Fail

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 64.6529, 0.2863, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

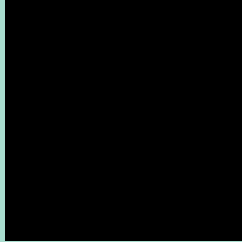
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

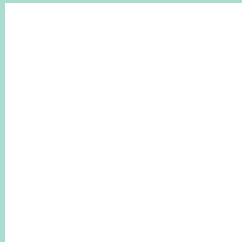
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6529, 0.2863, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 64.6529, 0.2863, 0.3461.

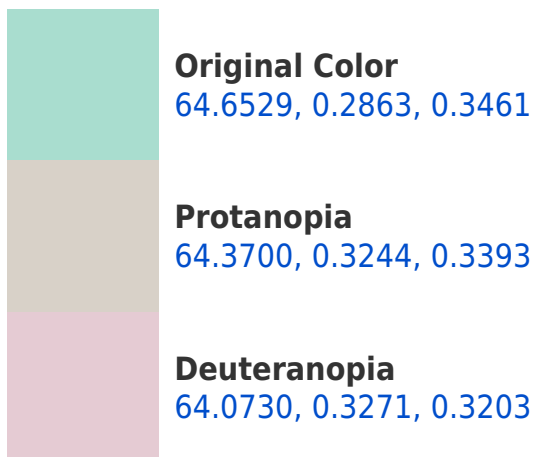


This preview shows how white text looks on a background with the Yxy color 64.6529, 0.2863, 0.3461.

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





Tritanopia

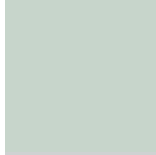
64.5649, 0.2733, 0.3090

Trichromacy



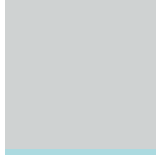
Original Color

64.6529, 0.2863, 0.3461



Protanomaly

64.0424, 0.3092, 0.3407



Deuteranomaly

64.0117, 0.3105, 0.3290



Tritanomaly

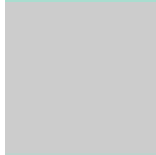
64.2953, 0.2779, 0.3217

Monochromacy



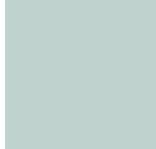
Original Color

64.6529, 0.2863, 0.3461



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

61.5773, 0.3022, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6529, 0.2863, 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(169, 221, 207)` looks like.

```
.text, #text, p{  
    color:rgb(169, 221, 207)  
}
```

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(169, 221, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 221, 207) }
```

Border

The CSS property to change the border of an element to Yxy 64.6529, 0.2863, 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(169, 221, 207) }
```

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

```
.border{ border-color:rgb(169, 221, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 221, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 221, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 221, 207); box-shadow:4px 4px 4px 4px rgb(169, 221, 207) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6529, 0.2863, 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(169, 221, 207) }
```

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

```
.background{ background-color: rgb(169,  
221, 207) }
```

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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