

Converting Colors

$Yxy(65.0689, 0.2973, 0.3833)$

Have a look what the booklet for
Yxy(65.0689, 0.2973, 0.3833)
contains.

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Color

Yxy(65.0144, 0.2975, 0.3833)

Conversions

Conversions Part 1

Format	Color
Hex	A3E1B6
RGB	163, 225, 182
RGB Percent	64%, 88%, 71%
CMY	0.3611, 0.1176, 0.2863
CMYK	0.28, 0.00, 0.19, 0.12
HSL	138°, 51%, 76%
HSV	138°, 28%, 88%
XYZ	50.4612, 65.0144, 54.1419
YIQ	201.5600, -23.1490, -26.5170

Conversions

Conversions Part 2

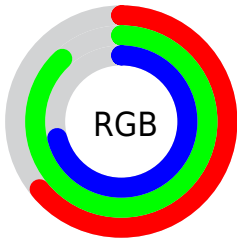
Format	Color
RYB	163, 210, 225
Decimal	10740150
CIELab	84.49, -28.29, 14.81
CIELCh	84, 31.930, 152.362
Yxy	65.0144, 0.2975, 0.3833
Android (android.graphics.Color)	4288930230 (0xFFA3E1B6)
YUV	201.5600, -9.6431, -33.8171
Hunter-Lab	80.6315, -29.3954, 16.6304

Details

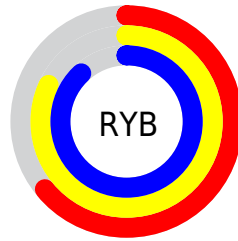
The Yxy color **65.0144, 0.2975, 0.3833** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.6333, 0.3323, 0.2803**, and the grayscale version is **58.8386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7531, 0.3003, 0.3465**, and **33.2759, 0.2935, 0.3973** is the 20% darker color. If you saturate the color by 10%, you get **62.2415, 0.2926, 0.4071**, and if you desaturate by 10%, it is **68.2870, 0.3029, 0.3617**.

Distribution



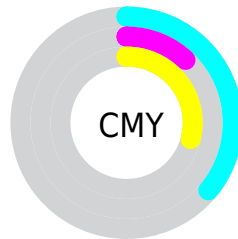
- Red (64%)
- Green (88%)
- Blue (71%)



- Red (64%)
- Yellow (82%)
- Blue (88%)



- Cyan (28%)
- Magenta (0%)
- Yellow (19%)
- Black (12%)




- Cyan (36%)
- Magenta (12%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0144, 0.2975, 0.3833 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 65.0144, 0.2975, 0.3833 by changing the saturation by 10% instead.


 65.0144, 0.2975,
0.3833

 65.0144, 0.2975,
0.3833

442.8437, 0.3052,
0.3567

 47.4728, 0.2956,
0.3898


 112.0706, 0.3003,
0.3737

 33.4095, 0.2931,
0.3980


 142.3539, 0.3013,
0.3701

 22.4404, 0.2898,
0.4088


177.6532, 0.3022,
0.3670

 14.1808, 0.2852,
0.4235

218.3529, 0.3030,
0.3644

 8.2465, 0.2784,
0.4448

264.8374, 0.3036,
0.3621

 4.2531, 0.2673,
0.4781


317.4911, 0.3042,

 1.8161, 0.2482,

0.3601


0.5403


376.6984, 0.3047,
0.3583


 0.4972, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000

 65.0144, 0.2975,
0.3833


 65.0144, 0.2975,
0.3833

 62.2415, 0.2926,
0.4071

 68.2870, 0.3029,
0.3617

 59.9355, 0.2884,
0.4326

 72.0742, 0.3085,
0.3423

 58.0720, 0.2853,
0.4592

 76.4002, 0.3141,
0.3251

 56.6214, 0.2836,
0.4860

 81.2853, 0.3196,
0.3100

■ 55.5500, 0.2835,
0.5119

■ 82.3410, 0.3141,
0.2999

■ 54.8187, 0.2851,
0.5355

■ 54.3750, 0.2881,
0.5557

■ 54.2919, 0.2889,
0.5600

Harmonies

Analogous

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



65.0144, 0.3372, 0.4004



65.0144, 0.2975, 0.3833



65.0144, 0.2633, 0.3485

Triad

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



65.0144, 0.2975, 0.3833



65.0144, 0.2546, 0.2655



65.0144, 0.3880, 0.3405

Complementary

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



65.0144, 0.2975, 0.3833



46.6333, 0.3323, 0.2803

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.



65.0144, 0.3630, 0.3086



65.0144, 0.2975, 0.3833



65.0144, 0.2848, 0.2668

Square

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



65.0144, 0.2975, 0.3833



65.0144, 0.2398, 0.2801



65.0144, 0.3244, 0.2823



65.0144, 0.3910, 0.3719

Rectangle

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



65.0144, 0.2975, 0.3833



65.0144, 0.2478, 0.3222



65.0144, 0.3244, 0.2823



65.0144, 0.3818, 0.3296

Sweetspot

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



65.0171, 0.2975, 0.3833



95.4569, 0.3082, 0.3431



69.6808, 0.3402, 0.4011



20.2600, 0.3073, 0.3459



0.0000, 0.0000, 0.0000



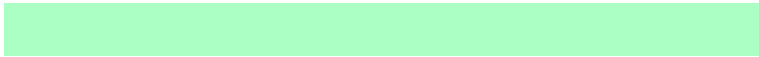
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0171, 0.2975, 0.3833



84.1782, 0.2947, 0.3964



66.4238, 0.2796, 0.3440



15.4062, 0.3074, 0.3457



31.2977, 0.2881, 0.5573



2.1850, 0.2795, 0.5260

Inverse Universe

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



46.6333, 0.3323, 0.2803



55.9952, 0.3374, 0.2701



45.2881, 0.3607, 0.3146



13.8602, 0.3184, 0.3129



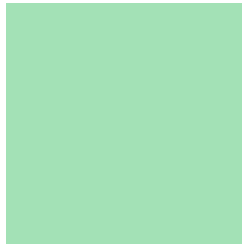
10.6274, 0.4169, 0.2070



0.7524, 0.3985, 0.1969

Previews

White Background



This preview shows how the Yxy color 65.0144, 0.2975, 0.3833 looks on a white background.

Color Contrast Check

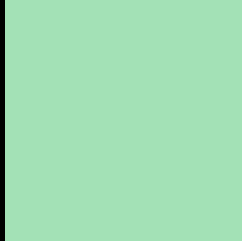
Large Text (above 18pt) WCAG AA × Fail

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 65.0144, 0.2975, 0.3833 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

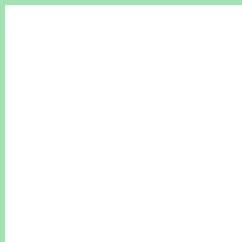
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0144, 0.2975, 0.3833

Background



This preview shows how black text looks on a background with the Yxy color 65.0144, 0.2975, 0.3833.

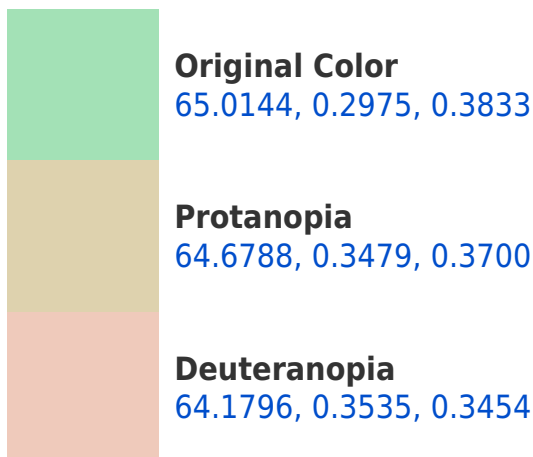


This preview shows how white text looks on a background with the Yxy color 65.0144, 0.2975, 0.3833.

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

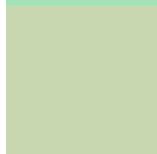
65.0252, 0.2723, 0.3090

Trichromacy



Original Color

65.0144, 0.2975, 0.3833



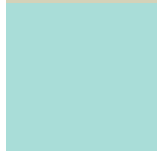
Protanomaly

64.1927, 0.3284, 0.3742



Deuteranomaly

63.4449, 0.3311, 0.3581



Tritanomaly

65.1058, 0.2810, 0.3350

Monochromacy



Original Color

65.0144, 0.2975, 0.3833



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

60.7247, 0.3067, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0144, 0.2975, 0.3833 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(163, 225, 182)` looks like.

```
.text, #text, p{  
    color:rgb(163, 225, 182)  
}
```

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(163, 225, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 225, 182) }
```

Border

The CSS property to change the border of an element to Yxy 65.0144, 0.2975, 0.3833 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(163, 225, 182) }
```

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

```
.border{ border-color:rgb(163, 225, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 225, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 225, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 225, 182); box-shadow:4px 4px 4px 4px rgb(163, 225, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0144, 0.2975, 0.3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 225, 182) }
```

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

```
.background{ background-color: rgb(163,  
225, 182) }
```

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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