

Converting Colors

Yxy(69.1692, 0.2831, 0.3808)

Have a look what the booklet for
Yxy(69.1692, 0.2831, 0.3808)
contains.

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Color

Yxy(69.0855, 0.2833, 0.3804)

Conversions

Conversions Part 1

Format	Color
Hex	95EAC1
RGB	149, 234, 193
RGB Percent	58%, 92%, 76%
CMY	0.4155, 0.0824, 0.2431
CMYK	0.36, 0.00, 0.18, 0.08
HSL	151°, 67%, 75%
HSV	151°, 36%, 92%
XYZ	51.4509, 69.0855, 61.0764
YIQ	203.9110, -37.4990, -30.7710

Conversions

Conversions Part 2

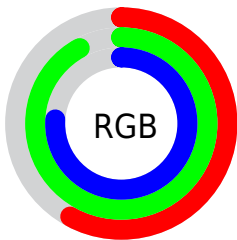
Format	Color
RYB	149, 205, 234
Decimal	9824961
CIELab	86.55, -34.52, 11.86
CIELCh	87, 36.497, 161.035
Yxy	69.0855, 0.2833, 0.3804
Android (android.graphics.Color)	4288015041 (0xFF95EAC1)
YUV	203.9110, -5.3791, -48.1569
Hunter-Lab	83.1177, -34.9622, 14.6150

Details

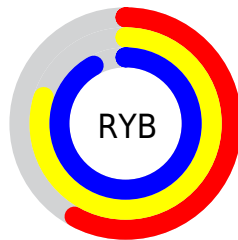
The Yxy color **69.0855, 0.2833, 0.3804** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **42.7253, 0.3579, 0.2832**, and the grayscale version is **60.3863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4814, 0.2869, 0.3352**, and **36.0846, 0.2758, 0.3950** is the 20% darker color. If you saturate the color by 10%, you get **66.6180, 0.2769, 0.3977**, and if you desaturate by 10%, it is **72.0393, 0.2907, 0.3644**.

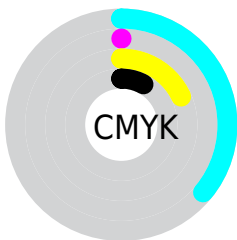
Distribution



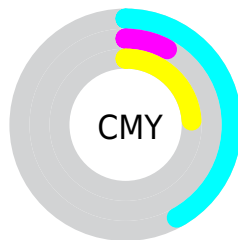
- Red (58%)
- Green (92%)
- Blue (76%)



- Red (58%)
- Yellow (80%)
- Blue (92%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)





- Cyan (42%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0855, 0.2833, 0.3804 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 69.0855, 0.2833, 0.3804 by changing the saturation by 10% instead.


 69.0855, 0.2833,
0.3804


 69.0855, 0.2833,
0.3804

457.3325, 0.2975,
0.3555

 50.7813, 0.2799,
0.3864


 117.9037, 0.2883,
0.3715

 36.0346, 0.2757,
0.3939


 149.1865, 0.2902,
0.3681

 24.4609, 0.2702,
0.4038


185.5643, 0.2919,
0.3653

 15.6759, 0.2628,
0.4171

227.4216, 0.2933,
0.3628

 9.2951, 0.2524,
0.4360

275.1426, 0.2945,
0.3606

 4.9342, 0.2365,
0.4651


329.1118, 0.2956,

 2.2087, 0.2098,


0.3587

0.5151


389.7137, 0.2966,
0.3570


 0.7247, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 69.0855, 0.2833,
0.3804


 69.0855, 0.2833,
0.3804


 66.6180, 0.2769,
0.3977

 72.0393, 0.2907,
0.3644


 64.6009, 0.2719,
0.4160

 75.4962, 0.2988,
0.3498


 63.0066, 0.2685,
0.4349


 79.4825, 0.3073,
0.3366

 61.8008, 0.2671,
0.4540


 84.0199, 0.3159,
0.3248

 60.9437, 0.2677,
0.4729

 86.9715, 0.3171,
0.3140

 60.3856, 0.2703,
0.4909

 87.3227, 0.3137,
0.3088

 60.2248, 0.2715,
0.4973

Harmonies

Analogous

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



69.0855, 0.3270, 0.4066



69.0855, 0.2833, 0.3804



69.0855, 0.2491, 0.3378

Triad

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



69.0855, 0.2833, 0.3804



69.0855, 0.2561, 0.2571



69.0855, 0.4008, 0.3518

Complementary

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



69.0855, 0.2833, 0.3804



42.7253, 0.3579, 0.2832

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.



69.0855, 0.3793, 0.3159



69.0855, 0.2833, 0.3804



69.0855, 0.2935, 0.2636

Square

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



69.0855, 0.2833, 0.3804



69.0855, 0.2345, 0.2677



69.0855, 0.3389, 0.2846



69.0855, 0.3963, 0.3851

Rectangle

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



69.0855, 0.2833, 0.3804



69.0855, 0.2356, 0.3089



69.0855, 0.3389, 0.2846



69.0855, 0.3964, 0.3397

Sweetspot

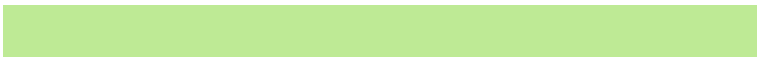
The Sweet Spot groups the original color and five complimentary colors.



69.0883, 0.2833, 0.3804



94.2213, 0.3032, 0.3427



71.9761, 0.3350, 0.4297



20.0268, 0.3020, 0.3445



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.



69.0883, 0.2833, 0.3804



81.5518, 0.2782, 0.3940



70.3753, 0.2616, 0.3272



16.9923, 0.3046, 0.3406



33.8704, 0.2707, 0.4946



2.6791, 0.2639, 0.4699

Inverse Universe

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



42.7253, 0.3579, 0.2832



44.8738, 0.3721, 0.2733



41.6281, 0.4001, 0.3309



15.1752, 0.3217, 0.3177



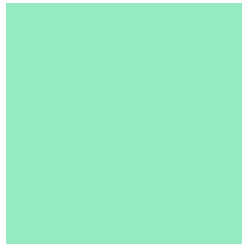
10.5241, 0.5030, 0.2544



0.8458, 0.4711, 0.2369

Previews

White Background



This preview shows how the Yxy color 69.0855, 0.2833, 0.3804 looks on a white background.

Color Contrast Check

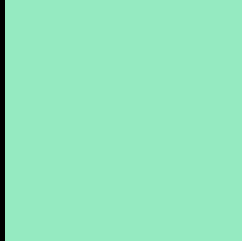
Large Text (above 18pt) WCAG AA × Fail

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 69.0855, 0.2833, 0.3804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

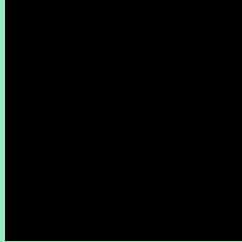
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0855, 0.2833, 0.3804

Background



This preview shows how black text looks on a background with the Yxy color 69.0855, 0.2833, 0.3804.

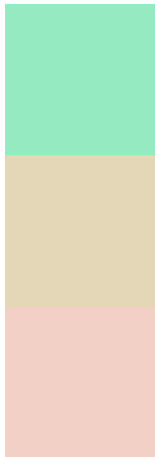


This preview shows how white text looks on a background with the Yxy color 69.0855, 0.2833, 0.3804.

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

69.0855, 0.2833, 0.3804

Protanopia

68.3507, 0.3442, 0.3646

Deuteranopia

68.2437, 0.3470, 0.3397



Tritanopia

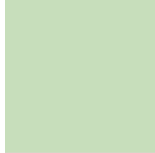
69.1078, 0.2614, 0.3080

Trichromacy



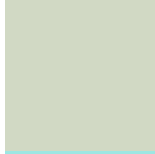
Original Color

69.0855, 0.2833, 0.3804



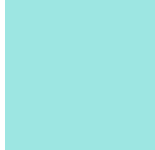
Protanomaly

67.9725, 0.3193, 0.3701



Deuteranomaly

67.1665, 0.3211, 0.3531



Tritanomaly

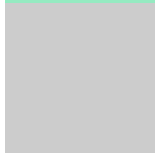
69.2527, 0.2695, 0.3337

Monochromacy



Original Color

69.0855, 0.2833, 0.3804



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

62.9614, 0.3004, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0855, 0.2833, 0.3804 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(149, 234, 193)` looks like.

```
.text, #text, p{  
    color:rgb(149, 234, 193)  
}
```

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(149, 234, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 234, 193) }
```

Border

The CSS property to change the border of an element to Yxy 69.0855, 0.2833, 0.3804 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(149, 234, 193) }
```

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

```
.border{ border-color:rgb(149, 234, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 234, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 234, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 234, 193);  
box-shadow:4px 4px 4px 4px rgb(149, 234,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0855, 0.2833, 0.3804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 234, 193) }
```

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

```
.background{ background-color: rgb(149,  
234, 193) }
```

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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