

Converting Colors

$Yxy(69.4329, 0.2846, 0.3452)$

Have a look what the booklet for
Yxy(69.4329, 0.2846, 0.3452)
contains.

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Color

Yxy(69.2773, 0.2846, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	ADE4D7
RGB	173, 228, 215
RGB Percent	68%, 89%, 84%
CMY	0.3214, 0.1059, 0.1570
CMYK	0.24, 0.00, 0.06, 0.11
HSL	166°, 50%, 79%
HSV	166°, 24%, 89%
XYZ	57.2483, 69.2773, 74.6280
YIQ	210.0730, -28.6070, -15.7030

Conversions

Conversions Part 2

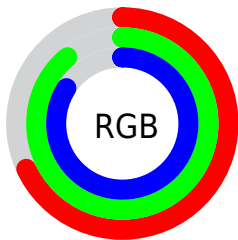
Format	Color
RYB	173, 204, 228
Decimal	11396311
CIELab	86.64, -20.16, 0.63
CIELCh	87, 20.171, 178.209
Yxy	69.2773, 0.2846, 0.3444
Android (android.graphics.Color)	4289586391 (0xFFADE4D7)
YUV	210.0730, 2.4290, -32.5130
Hunter-Lab	83.2330, -22.8840, 5.1028

Details

The Yxy color **69.2773, 0.2846, 0.3444** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.9486, 0.3511, 0.3142**, and the grayscale version is **64.5039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **35.9651, 0.2777, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **66.6248, 0.2743, 0.3518**, and if you desaturate by 10%, it is **72.3882, 0.2958, 0.3376**.

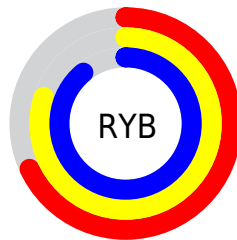
Distribution



Red (68%)

Green (89%)

Blue (84%)



Red (68%)

Yellow (80%)

Blue (89%)

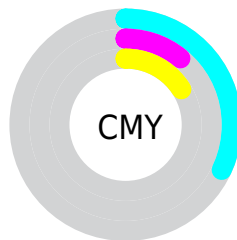


Cyan (24%)

Magenta (0%)

Yellow (6%)

Black (11%)



Cyan (32%)


Magenta (11%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2773, 0.2846, 0.3444 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 69.2773, 0.2846, 0.3444 by changing the saturation by 10% instead.


 69.2773, 0.2846,
0.3444

 69.2773, 0.2846,
0.3444


458.0084, 0.2977,
0.3372

 50.9376, 0.2816,
0.3461

 118.1776, 0.2892,
0.3419

 36.1589, 0.2778,
0.3481

149.5069, 0.2909,
0.3409

 24.5570, 0.2730,
0.3508


185.9349, 0.2925,
0.3401

 15.7473, 0.2668,
0.3542

227.8459, 0.2938,
0.3394

 9.3455, 0.2581,
0.3590

275.6244, 0.2950,
0.3387

 4.9672, 0.2455,
0.3661

329.6547, 0.2960,

 2.2280, 0.2255,

0.3382

0.3773

390.3212, 0.2969,
0.3377

0.7352, 0.1217,
0.4329

0.0000, 0.0000,
0.0000

69.2773, 0.2846,
0.3444

69.2773, 0.2846,
0.3444

66.6248, 0.2743,
0.3518

72.3882, 0.2958,
0.3376

64.3996, 0.2652,
0.3597

75.9699, 0.3077,
0.3314

62.5800, 0.2576,
0.3680

80.0450, 0.3200,
0.3258

61.1388, 0.2518,
0.3766

82.8352, 0.3259,
0.3206

■ 60.0456, 0.2479,
0.3855

■ 83.1551, 0.3223,
0.3153

■ 59.2652, 0.2460,
0.3943

■ 83.4845, 0.3188,
0.3101

■ 58.7546, 0.2461,
0.4031

■ 83.8236, 0.3153,
0.3050

■ 58.5398, 0.2467,
0.4083

■ 83.9649, 0.3139,
0.3029

Harmonies

Analogous

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



69.2773, 0.3072, 0.3638



69.2773, 0.2846, 0.3444



69.2773, 0.2698, 0.3210

Triad

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



69.2773, 0.2846, 0.3444



69.2773, 0.2925, 0.2887



69.2773, 0.3616, 0.3543

Complementary

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



69.2773, 0.2846, 0.3444



49.9486, 0.3511, 0.3142

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.



69.2773, 0.3575, 0.3342



69.2773, 0.2846, 0.3444



69.2773, 0.3168, 0.2974

Square

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



69.2773, 0.2846, 0.3444



69.2773, 0.2742, 0.2897



69.2773, 0.3409, 0.3138



69.2773, 0.3520, 0.3687

Rectangle

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



69.2773, 0.2846, 0.3444



69.2773, 0.2660, 0.3070



69.2773, 0.3409, 0.3138



69.2773, 0.3618, 0.3480

Sweetspot

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



69.2801, 0.2846, 0.3444



96.5009, 0.3042, 0.3331



69.0421, 0.3190, 0.3951



20.5937, 0.3034, 0.3335



0.0000, 0.0000, 0.0000



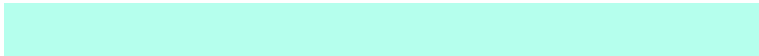
21.4041, 0.3127, 0.3290

Same Dimension

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



69.2801, 0.2846, 0.3444



87.4922, 0.2792, 0.3481



62.7164, 0.2759, 0.3125



16.2749, 0.3013, 0.3346



33.8235, 0.2464, 0.4069



2.5136, 0.2428, 0.3941

Inverse Universe

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



49.9486, 0.3511, 0.3142



58.4318, 0.3620, 0.3109



54.9633, 0.3593, 0.3449



14.4237, 0.3255, 0.3235



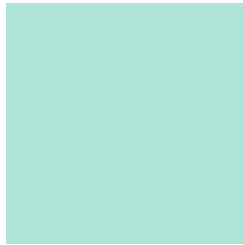
9.6935, 0.5964, 0.3059



0.7306, 0.5554, 0.2833

Previews

White Background



This preview shows how the Yxy color 69.2773, 0.2846, 0.3444 looks on a white background.

Color Contrast Check

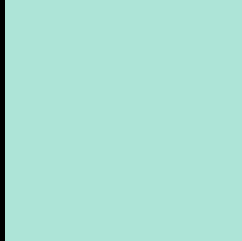
Large Text (above 18pt) WCAG AA × Fail

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 69.2773, 0.2846, 0.3444 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

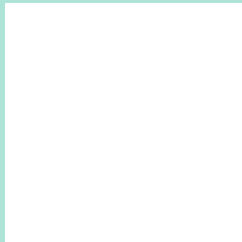
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2773, 0.2846, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 69.2773, 0.2846, 0.3444.

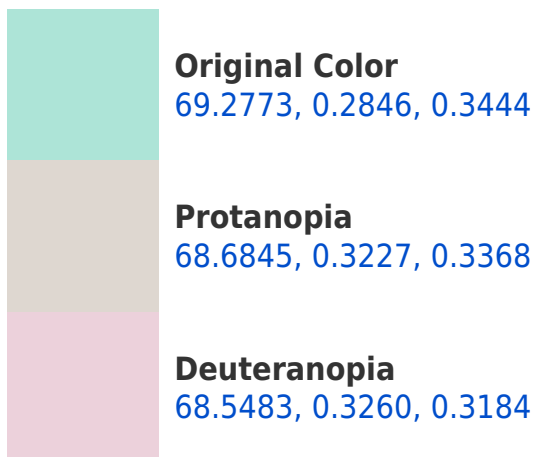


This preview shows how white text looks on a background with the Yxy color 69.2773, 0.2846, 0.3444.

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

69.3058, 0.2727, 0.3084

Trichromacy



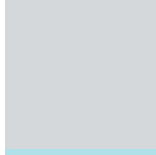
Original Color

69.2773, 0.2846, 0.3444



Protanomaly

68.7269, 0.3073, 0.3392



Deuteranomaly

68.3198, 0.3092, 0.3268



Tritanomaly

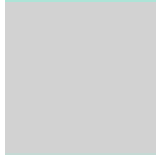
69.0237, 0.2771, 0.3208

Monochromacy



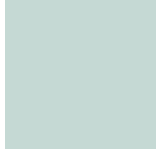
Original Color

69.2773, 0.2846, 0.3444



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

66.2495, 0.3018, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2773, 0.2846, 0.3444 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(173, 228, 215)` looks like.

```
.text, #text, p{  
    color:rgb(173, 228, 215)  
}
```

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(173, 228, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 228, 215) }
```

Border

The CSS property to change the border of an element to Yxy 69.2773, 0.2846, 0.3444 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(173, 228, 215) }
```

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

```
.border{ border-color:rgb(173, 228, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 228, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 228, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 228, 215);  
box-shadow:4px 4px 4px 4px rgb(173, 228,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2773, 0.2846, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 228, 215) }
```

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

```
.background{ background-color: rgb(173,  
228, 215) }
```

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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