

Converting Colors

$Yxy(69.5077, 0.2837, 0.3431)$

Have a look what the booklet for
Yxy(69.5077, 0.2837, 0.3431)
contains.

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Color

Yxy(69.3289, 0.2840, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	ADE4D8
RGB	173, 228, 216
RGB Percent	68%, 89%, 85%
CMY	0.3215, 0.1059, 0.1530
CMYK	0.24, 0.00, 0.05, 0.11
HSL	167°, 50%, 79%
HSV	167°, 24%, 89%
XYZ	57.3701, 69.3289, 75.3083
YIQ	210.1870, -28.9280, -15.3920

Conversions

Conversions Part 2

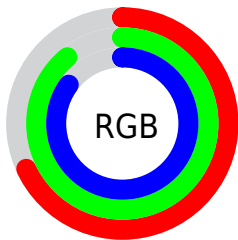
Format	Color
RYB	173, 204, 228
Decimal	11396312
CIELab	86.67, -19.97, 0.14
CIELCh	87, 19.972, 179.598
Yxy	69.3289, 0.2840, 0.3432
Android (android.graphics.Color)	4289586392 (0xFFADE4D8)
YUV	210.1870, 2.8658, -32.6130
Hunter-Lab	83.2640, -22.7229, 4.6598

Details

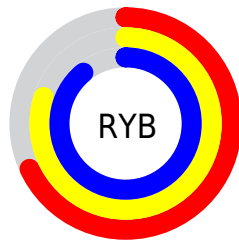
The Yxy color **69.3289, 0.2840, 0.3432** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.8890, 0.3521, 0.3153**, and the grayscale version is **64.5745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **36.0002, 0.2770, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **66.6964, 0.2735, 0.3500**, and if you desaturate by 10%, it is **72.4185, 0.2955, 0.3369**.

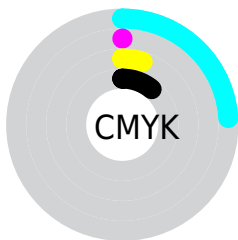
Distribution



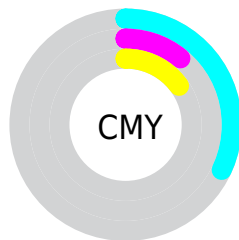
- Red (68%)
- Green (89%)
- Blue (85%)



- Red (68%)
- Yellow (80%)
- Blue (89%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)





- Cyan (32%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3289, 0.2840, 0.3432 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 69.3289, 0.2840, 0.3432 by changing the saturation by 10% instead.


 69.3289, 0.2840,
0.3432

 69.3289, 0.2840,
0.3432


458.1901, 0.2974,
0.3366

 50.9796, 0.2809,
0.3447

 118.2512, 0.2887,
0.3409

 36.1924, 0.2771,
0.3466


149.5930, 0.2905,
0.3400

 24.5828, 0.2722,
0.3490


186.0345, 0.2920,
0.3392

 15.7665, 0.2658,
0.3522

227.9600, 0.2934,
0.3386

 9.3591, 0.2571,
0.3565

275.7539, 0.2946,
0.3380

 4.9761, 0.2443,
0.3629


329.8006, 0.2956,

 2.2333, 0.2240,


0.3375


0.3729

390.4846, 0.2965,
0.3370


 0.7380, 0.1226,
0.4228


 0.0000, 0.0000,
0.0000


 69.3289, 0.2840,
0.3432


 69.3289, 0.2840,
0.3432

 66.6964, 0.2735,
0.3500


 72.4185, 0.2955,
0.3369


 64.4898, 0.2642,
0.3572

 75.9776, 0.3076,
0.3312

 62.6874, 0.2565,
0.3649

 80.0287, 0.3201,
0.3260

 61.2621, 0.2506,
0.3728

 82.8016, 0.3263,
0.3212

■ 60.1836, 0.2465,
0.3809

■ 83.0953, 0.3230,
0.3164

■ 59.4165, 0.2445,
0.3890

■ 83.3973, 0.3198,
0.3115

■ 58.9179, 0.2444,
0.3970

■ 83.7074, 0.3166,
0.3068

■ 58.7101, 0.2449,
0.4017

■ 83.9699, 0.3139,
0.3029

Harmonies

Analogous

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



69.3289, 0.3061, 0.3628



69.3289, 0.2840, 0.3432



69.3289, 0.2698, 0.3201

Triad

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



69.3289, 0.2840, 0.3432



69.3289, 0.2937, 0.2893



69.3289, 0.3609, 0.3549

Complementary

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



69.3289, 0.2840, 0.3432



49.8890, 0.3521, 0.3153

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.



69.3289, 0.3576, 0.3352



69.3289, 0.2840, 0.3432



69.3289, 0.3180, 0.2983

Square

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



69.3289, 0.2840, 0.3432



69.3289, 0.2752, 0.2898



69.3289, 0.3416, 0.3148



69.3289, 0.3508, 0.3688

Rectangle

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



69.3289, 0.2840, 0.3432



69.3289, 0.2664, 0.3064



69.3289, 0.3416, 0.3148



69.3289, 0.3614, 0.3487

Sweetspot

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



69.3317, 0.2840, 0.3432



96.5215, 0.3040, 0.3328



68.9264, 0.3183, 0.3953



20.5985, 0.3033, 0.3332



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.



69.3317, 0.2840, 0.3432



87.5717, 0.2785, 0.3466



62.2462, 0.2758, 0.3114



16.2796, 0.3011, 0.3342



33.9179, 0.2446, 0.4005



2.5198, 0.2413, 0.3887

Inverse Universe

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



49.8890, 0.3521, 0.3153



58.3695, 0.3632, 0.3123



55.3394, 0.3591, 0.3459



14.4193, 0.3258, 0.3239



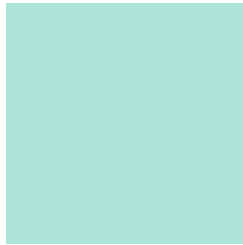
9.6709, 0.6018, 0.3089



0.7283, 0.5613, 0.2866

Previews

White Background



This preview shows how the Yxy color 69.3289, 0.2840, 0.3432 looks on a white background.

Color Contrast Check

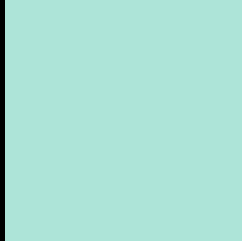
Large Text (above 18pt) WCAG AA × Fail

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 69.3289, 0.2840, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

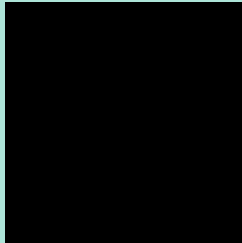
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

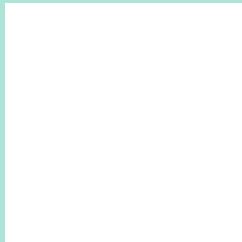
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3289, 0.2840, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 69.3289, 0.2840, 0.3432.



This preview shows how white text looks on a background with the Yxy color 69.3289, 0.2840, 0.3432.

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

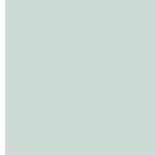
69.1871, 0.2721, 0.3084

Trichromacy



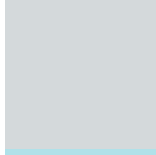
Original Color

69.3289, 0.2840, 0.3432



Protanomaly

68.7772, 0.3066, 0.3381



Deuteranomaly

68.7372, 0.3078, 0.3268



Tritanomaly

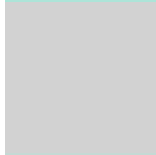
68.9637, 0.2759, 0.3196

Monochromacy



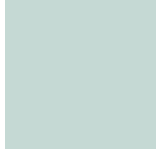
Original Color

69.3289, 0.2840, 0.3432



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 69.3289, 0.2840, 0.3432 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(173, 228, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 228, 216) }
```

Border

The CSS property to change the border of an element to Yxy 69.3289, 0.2840, 0.3432 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, 216) }
```

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

```
.border{ border-color:rgb(173, 228, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 228, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 228, 216);  
box-shadow:4px 4px 4px 4px rgb(173, 228,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3289, 0.2840, 0.3432 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, 216) }
```

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

```
.background{ background-color: rgb(173,  
228, 216) }
```

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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