

Converting Colors

$Yxy(69.5731, 0.2925, 0.3806)$

Have a look what the booklet for
Yxy(69.5731, 0.2925, 0.3806)
contains.

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Color

Yxy(69.8259, 0.2925, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	A3E9BF
RGB	163, 233, 191
RGB Percent	64%, 91%, 75%
CMY	0.3607, 0.0863, 0.2510
CMYK	0.30, 0.00, 0.18, 0.09
HSL	144°, 61%, 78%
HSV	144°, 30%, 91%
XYZ	53.6487, 69.8259, 59.9399
YIQ	207.2820, -28.2380, -27.9020

Conversions

Conversions Part 2

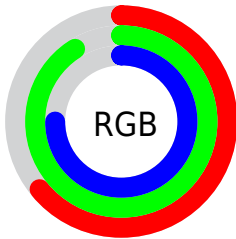
Format	Color
RYB	163, 213, 233
Decimal	10742207
CIELab	86.91, -30.37, 13.52
CIElCh	87, 33.241, 156.001
Yxy	69.8259, 0.2925, 0.3807
Android (android.graphics.Color)	4288932287 (0xFFA3E9BF)
YUV	207.2820, -8.0270, -38.8353
Hunter-Lab	83.5619, -31.6320, 15.9640

Details

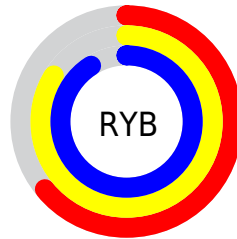
The Yxy color **69.8259, 0.2925, 0.3807** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **47.9316, 0.3403, 0.2826**, and the grayscale version is **62.6576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2955, 0.2954, 0.3371**, and **36.5305, 0.2867, 0.3935** is the 20% darker color. If you saturate the color by 10%, you get **67.0048, 0.2867, 0.4016**, and if you desaturate by 10%, it is **73.1646, 0.2989, 0.3616**.

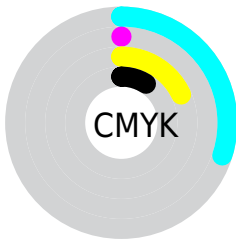
Distribution



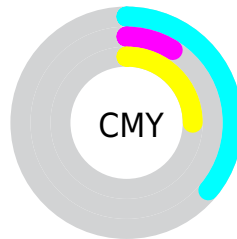
- Red (64%)
- Green (91%)
- Blue (75%)



- Red (64%)
- Yellow (84%)
- Blue (91%)



- Cyan (30%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)





- Cyan (36%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8259, 0.2925, 0.3807 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 69.8259, 0.2925, 0.3807 by changing the saturation by 10% instead.


 69.8259, 0.2925,
0.3807

 69.8259, 0.2925,
0.3807


459.9385, 0.3024,
0.3557

 51.3846, 0.2901,
0.3867


 118.9604, 0.2960,
0.3718

 36.5148, 0.2871,
0.3943


 150.4225, 0.2974,
0.3684

 24.8320, 0.2832,
0.4041


186.9936, 0.2985,
0.3655

 15.9520, 0.2778,
0.4174

229.0581, 0.2995,
0.3630

 9.4902, 0.2701,
0.4363

277.0005, 0.3004,
0.3608

 5.0623, 0.2582,
0.4653

331.2050, 0.3011,

 2.2838, 0.2375,

0.3589

0.5148

392.0563, 0.3018,
0.3572

0.7651, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

69.8259, 0.2925,
0.3807

69.8259, 0.2925,
0.3807

67.0048, 0.2867,
0.4016

73.1646, 0.2989,
0.3616

64.6662, 0.2819,
0.4239

77.0369, 0.3057,
0.3444

62.7839, 0.2785,
0.4472

81.4687, 0.3127,
0.3291

61.3256, 0.2766,
0.4709

86.2505, 0.3188,
0.3155

■ 60.2547, 0.2767,
0.4940

■ 86.7593, 0.3137,
0.3078

■ 59.5277, 0.2786,
0.5158

■ 59.0727, 0.2820,
0.5353

Harmonies

Analogous

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



69.8259, 0.3328, 0.4008



69.8259, 0.2925, 0.3807



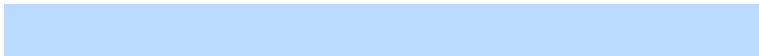
69.8259, 0.2591, 0.3439

Triad

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



69.8259, 0.2925, 0.3807



69.8259, 0.2567, 0.2638



69.8259, 0.3909, 0.3447

Complementary

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



69.8259, 0.2925, 0.3807



47.9316, 0.3403, 0.2826

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.



69.8259, 0.3679, 0.3120



69.8259, 0.2925, 0.3807



69.8259, 0.2889, 0.2671

Square

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



69.8259, 0.2925, 0.3807



69.8259, 0.2396, 0.2766



69.8259, 0.3297, 0.2844



69.8259, 0.3910, 0.3759

Rectangle

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



69.8259, 0.2925, 0.3807



69.8259, 0.2447, 0.3174



69.8259, 0.3297, 0.2844



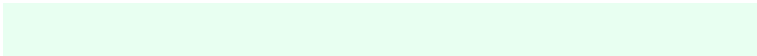
69.8259, 0.3855, 0.3336

Sweetspot

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



69.8288, 0.2925, 0.3807



95.0486, 0.3064, 0.3428



74.0707, 0.3383, 0.4091



20.1844, 0.3054, 0.3452



0.0000, 0.0000, 0.0000



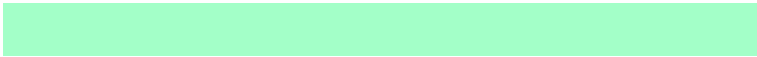
21.4041, 0.3127, 0.3290

Same Dimension

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



69.8288, 0.2925, 0.3807



83.4936, 0.2889, 0.3933



71.4945, 0.2738, 0.3385



16.9620, 0.3061, 0.3435



33.5412, 0.2812, 0.5324



2.6523, 0.2735, 0.5046

Inverse Universe

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



47.9316, 0.3403, 0.2826



52.6026, 0.3478, 0.2728



46.4702, 0.3722, 0.3199



15.2059, 0.3199, 0.3150



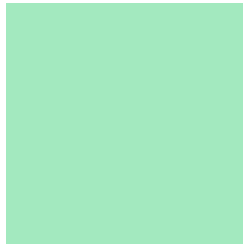
10.9264, 0.4537, 0.2273



0.8769, 0.4303, 0.2144

Previews

White Background



This preview shows how the Yxy color 69.8259, 0.2925, 0.3807 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 69.8259, 0.2925, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

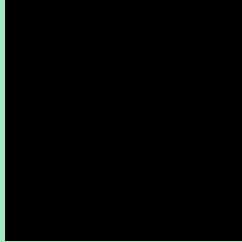
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

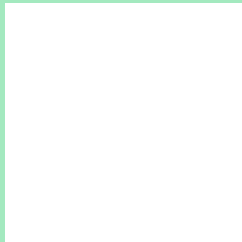
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8259, 0.2925, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 69.8259, 0.2925, 0.3807.

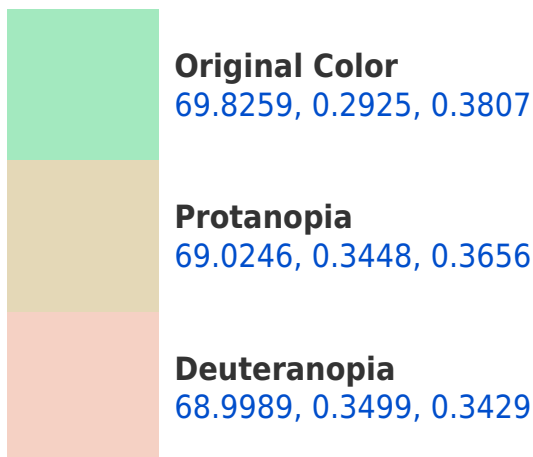


This preview shows how white text looks on a background with the Yxy color 69.8259, 0.2925, 0.3807.

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

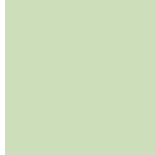
69.9230, 0.2689, 0.3083

Trichromacy



Original Color

69.8259, 0.2925, 0.3807



Protanomaly

68.6251, 0.3236, 0.3708



Deuteranomaly

68.4849, 0.3268, 0.3562



Tritanomaly

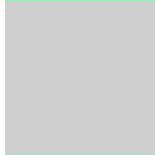
70.0209, 0.2772, 0.3336

Monochromacy



Original Color

69.8259, 0.2925, 0.3807



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

64.4051, 0.3047, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8259, 0.2925, 0.3807 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, 233, 191)` looks like.

```
.text, #text, p{  
    color:rgb(163, 233, 191)  
}
```

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, 233, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 233, 191) }
```

Border

The CSS property to change the border of an element to Yxy 69.8259, 0.2925, 0.3807 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, 233, 191) }
```

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

```
.border{ border-color:rgb(163, 233, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 233, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 233, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 233, 191); box-shadow:4px 4px 4px 4px rgb(163, 233, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8259, 0.2925, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 233, 191) }
```

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

```
.background{ background-color: rgb(163,  
233, 191) }
```

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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