

Converting Colors

Yxy(69.0562, 0.2940, 0.4086)

Have a look what the booklet for
Yxy(69.0562, 0.2940, 0.4086)
contains.

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Color

Yxy(69.3039, 0.2938, 0.4092)

Conversions

Conversions Part 1

Format	Color
Hex	94ECAD
RGB	148, 236, 173
RGB Percent	58%, 93%, 68%
CMY	0.4194, 0.0745, 0.3215
CMYK	0.37, 0.00, 0.27, 0.07
HSL	137°, 70%, 75%
HSV	137°, 37%, 93%
XYZ	49.7593, 69.3039, 50.3012
YIQ	202.5060, -32.2250, -38.2490

Conversions

Conversions Part 2

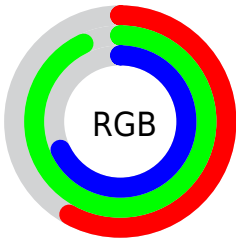
Format	Color
RYB	148, 217, 236
Decimal	9759917
CIELab	86.65, -39.50, 22.38
CIELCh	87, 45.397, 150.462
Yxy	69.3039, 0.2938, 0.4092
Android (android.graphics.Color)	4287949997 (0xFF94ECAD)
YUV	202.5060, -14.5465, -47.8018
Hunter-Lab	83.2490, -38.9934, 22.4497

Details

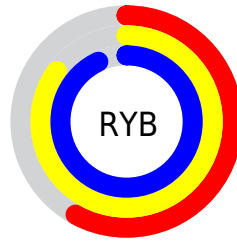
The Yxy color **69.3039, 0.2938, 0.4092** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **43.7316, 0.3395, 0.2607**, and the grayscale version is **59.5123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1563, 0.2970, 0.3566**, and **36.3257, 0.2882, 0.4322** is the 20% darker color. If you saturate the color by 10%, you get **66.7115, 0.2898, 0.4356**, and if you desaturate by 10%, it is **72.4335, 0.2985, 0.3846**.

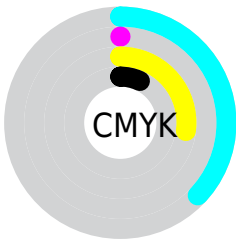
Distribution



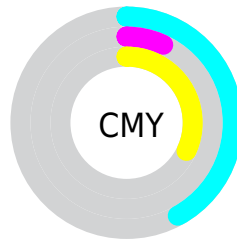
- Red (58%)
- Green (93%)
- Blue (68%)



- Red (58%)
- Yellow (85%)
- Blue (93%)



- Cyan (37%)
- Magenta (0%)
- Yellow (27%)
- Black (7%)





- Cyan (42%)
- Magenta (7%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3039, 0.2938, 0.4092 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 69.3039, 0.2938, 0.4092 by changing the saturation by 10% instead.


 69.3039, 0.2938,
0.4092


 69.3039, 0.2938,
0.4092


458.1021, 0.3036,
0.3698

 50.9592, 0.2913,
0.4188


 118.2155, 0.2975,
0.3950

 36.1762, 0.2879,
0.4310


 149.5513, 0.2988,
0.3897

 24.5703, 0.2835,
0.4469


185.9862, 0.2999,
0.3851

 15.7572, 0.2772,
0.4686

227.9047, 0.3009,
0.3812

 9.3525, 0.2676,
0.4997

275.6911, 0.3017,
0.3778

 4.9718, 0.2519,
0.5474


329.7299, 0.3025,


 2.2307, 0.2277,


0.3748


0.6444


390.4054, 0.3031,
0.3721


 0.7367, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 69.3039, 0.2938,
0.4092


 69.3039, 0.2938,
0.4092


 66.7115, 0.2898,
0.4356


 72.4335, 0.2985,
0.3846


 64.6170, 0.2869,
0.4632

 76.1196, 0.3036,
0.3622

 62.9898, 0.2852,
0.4908

 80.3912, 0.3089,
0.3421

 61.7917, 0.2852,
0.5172

 85.2726, 0.3142,
0.3244

■ 60.9785, 0.2867,
0.5410

■ 88.4681, 0.3136,
0.3107

■ 60.4930, 0.2897,
0.5610

■ 60.3936, 0.2905,
0.5658

Harmonies

Analogous

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



69.3039, 0.3484, 0.4302



69.3039, 0.2938, 0.4092



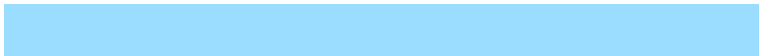
69.3039, 0.2469, 0.3594

Triad

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



69.3039, 0.2938, 0.4092



69.3039, 0.2317, 0.2431



69.3039, 0.4165, 0.3398

Complementary

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



69.3039, 0.2938, 0.4092



43.7316, 0.3395, 0.2607

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.



69.3039, 0.3796, 0.2980



69.3039, 0.2938, 0.4092



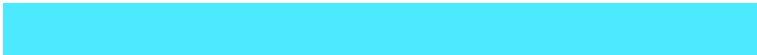
69.3039, 0.2706, 0.2446

Square

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



69.3039, 0.2938, 0.4092



69.3039, 0.2137, 0.2627



69.3039, 0.3246, 0.2642



69.3039, 0.4219, 0.3828

Rectangle

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



69.3039, 0.2938, 0.4092



69.3039, 0.2256, 0.3215



69.3039, 0.3246, 0.2642



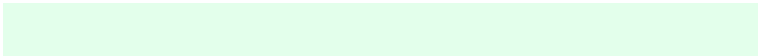
69.3039, 0.4073, 0.3254

Sweetspot

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



69.3068, 0.2938, 0.4092



93.8361, 0.3069, 0.3494



75.9881, 0.3503, 0.4278



19.9353, 0.3061, 0.3521



0.0000, 0.0000, 0.0000



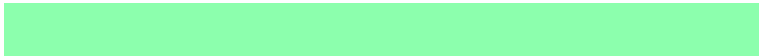
21.4041, 0.3127, 0.3290

Same Dimension

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



69.3068, 0.2938, 0.4092



80.1280, 0.2906, 0.4300



71.2953, 0.2703, 0.3521



16.9325, 0.3077, 0.3463



33.3108, 0.2897, 0.5631



2.6317, 0.2821, 0.5357

Inverse Universe

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



43.7316, 0.3395, 0.2607



45.3854, 0.3471, 0.2466



41.8214, 0.3838, 0.3077



15.2366, 0.3181, 0.3123



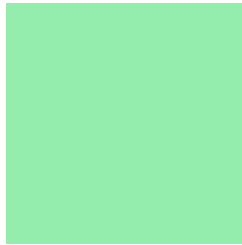
11.4317, 0.4085, 0.2024



0.9140, 0.3935, 0.1941

Previews

White Background



This preview shows how the Yxy color 69.3039, 0.2938, 0.4092 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 69.3039, 0.2938, 0.4092 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 69.3039, 0.2938, 0.4092

Background



This preview shows how black text looks on a background with the Yxy color 69.3039, 0.2938, 0.4092.

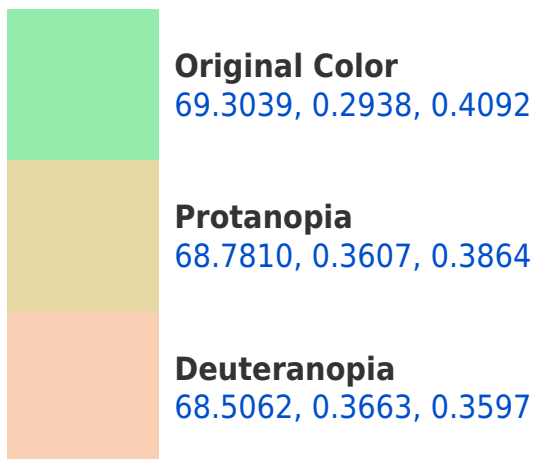


This preview shows how white text looks on a background with the Yxy color 69.3039, 0.2938, 0.4092.

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

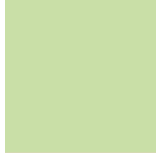
69.3173, 0.2624, 0.3080

Trichromacy



Original Color

69.3039, 0.2938, 0.4092



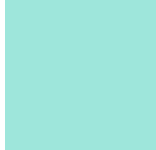
Protanomaly

67.9829, 0.3338, 0.3951



Deuteranomaly

67.3142, 0.3363, 0.3763



Tritanomaly

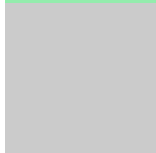
68.9772, 0.2737, 0.3422

Monochromacy



Original Color

69.3039, 0.2938, 0.4092



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

62.4739, 0.3049, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3039, 0.2938, 0.4092 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(148, 236, 173)` looks like.

```
.text, #text, p{  
    color:rgb(148, 236, 173)  
}
```

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(148, 236, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 236, 173) }
```

Border

The CSS property to change the border of an element to Yxy 69.3039, 0.2938, 0.4092 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(148, 236, 173) }
```

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

```
.border{ border-color:rgb(148, 236, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 236, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 236, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 236, 173);  
box-shadow:4px 4px 4px 4px rgb(148, 236,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3039, 0.2938, 0.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 236, 173) }
```

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

```
.background{ background-color: rgb(148,  
236, 173) }
```

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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