

Converting Colors

$Yxy(71.4590, 0.2975, 0.4098)$

Have a look what the booklet for
Yxy(71.4590, 0.2975, 0.4098)
contains.

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Color

Yxy(71.1736, 0.2974, 0.4091)

Conversions

Conversions Part 1

Format	Color
Hex	9BEEAE
RGB	155, 238, 174
RGB Percent	61%, 93%, 68%
CMY	0.3919, 0.0667, 0.3176
CMYK	0.35, 0.00, 0.27, 0.07
HSL	134°, 71%, 77%
HSV	134°, 35%, 93%
XYZ	51.7405, 71.1736, 51.0620
YIQ	205.8870, -28.9240, -37.5000

Conversions

Conversions Part 2

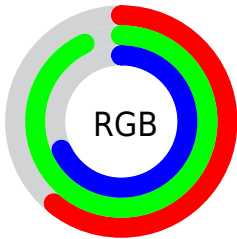
Format	Color
RYB	155, 223, 238
Decimal	10219182
CIELab	87.57, -38.16, 23.18
CIELCh	88, 44.652, 148.722
Yxy	71.1736, 0.2974, 0.4091
Android (android.graphics.Color)	4288409262 (0xFF9BEEAE)
YUV	205.8870, -15.7203, -44.6279
Hunter-Lab	84.3644, -38.1642, 23.1696

Details

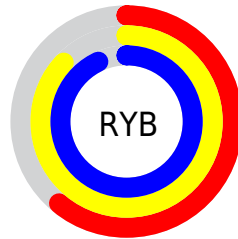
The Yxy color **71.1736, 0.2974, 0.4091** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **46.7529, 0.3331, 0.2605**, and the grayscale version is **61.7710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2302, 0.3006, 0.3552**, and **37.5457, 0.2924, 0.4317** is the 20% darker color. If you saturate the color by 10%, you get **68.3804, 0.2938, 0.4372**, and if you desaturate by 10%, it is **74.5347, 0.3016, 0.3830**.

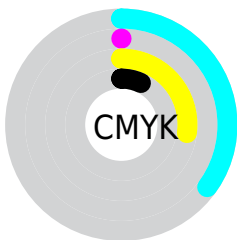
Distribution



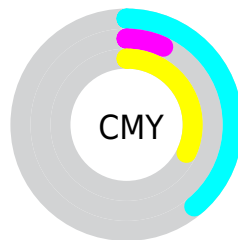
- Red (61%)
- Green (93%)
- Blue (68%)



- Red (61%)
- Yellow (87%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (27%)
- Black (7%)




- Cyan (39%)
- Magenta (7%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1736, 0.2974, 0.4091 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 71.1736, 0.2974, 0.4091 by changing the saturation by 10% instead.


 71.1736, 0.2974,
0.4091

 71.1736, 0.2974,
0.4091


464.6601, 0.3055,
0.3699

 52.4839, 0.2953,
0.4186

 120.8809, 0.3004,
0.3951

 37.3909, 0.2925,
0.4306


 152.6672, 0.3016,
0.3898

 25.5103, 0.2887,
0.4462


189.5879, 0.3025,
0.3852

 16.4577, 0.2832,
0.4673

232.0273, 0.3033,
0.3813

 9.8486, 0.2750,
0.4974

280.3698, 0.3040,
0.3779

 5.2987, 0.2612,
0.5433


334.9999, 0.3046,


 2.4236, 0.2394,


0.3749


0.6311

396.3018, 0.3051,
0.3723

 0.8380, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 71.1736, 0.2974,
0.4091

 71.1736, 0.2974,
0.4091


 68.3804, 0.2938,
0.4372


 74.5347, 0.3016,
0.3830


 66.1149, 0.2909,
0.4665

 78.4836, 0.3060,
0.3594

 64.3455, 0.2892,
0.4959

 83.0502, 0.3105,
0.3383

 63.0337, 0.2888,
0.5238

 88.2598, 0.3150,
0.3198

■ 62.1348, 0.2899,
0.5486

■ 89.6261, 0.3135,
0.3127

■ 61.5948, 0.2923,
0.5688

■ 61.4164, 0.2937,
0.5771

Harmonies

Analogous

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



71.1736, 0.3507, 0.4277



71.1736, 0.2974, 0.4091



71.1736, 0.2507, 0.3618

Triad

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



71.1736, 0.2974, 0.4091



71.1736, 0.2319, 0.2457



71.1736, 0.4126, 0.3373

Complementary

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



71.1736, 0.2974, 0.4091



46.7529, 0.3331, 0.2605

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.



71.1736, 0.3751, 0.2965



71.1736, 0.2974, 0.4091



71.1736, 0.2690, 0.2458

Square

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



71.1736, 0.2974, 0.4091



71.1736, 0.2156, 0.2662



71.1736, 0.3211, 0.2641



71.1736, 0.4198, 0.3794

Rectangle

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



71.1736, 0.2974, 0.4091



71.1736, 0.2291, 0.3249



71.1736, 0.3211, 0.2641



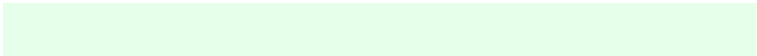
71.1736, 0.4030, 0.3232

Sweetspot

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



71.1766, 0.2974, 0.4091



94.2776, 0.3082, 0.3489



78.7339, 0.3521, 0.4199



20.0200, 0.3076, 0.3519



0.0000, 0.0000, 0.0000



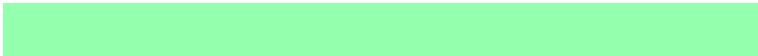
21.4041, 0.3127, 0.3290

Same Dimension

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



71.1766, 0.2974, 0.4091



80.8000, 0.2947, 0.4295



73.0003, 0.2755, 0.3572



17.7156, 0.3084, 0.3477



34.2820, 0.2930, 0.5748



2.8667, 0.2863, 0.5506

Inverse Universe

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



46.7529, 0.3331, 0.2605



48.1506, 0.3387, 0.2465



44.8733, 0.3719, 0.3029



15.9660, 0.3173, 0.3110



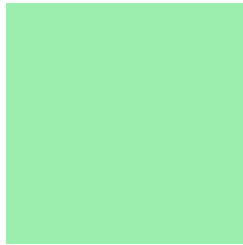
12.0828, 0.3887, 0.1915



1.0201, 0.3779, 0.1856

Previews

White Background



This preview shows how the Yxy color 71.1736, 0.2974, 0.4091 looks on a white background.

Color Contrast Check

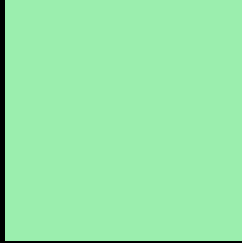
Large Text (above 18pt) WCAG AA × Fail

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 71.1736, 0.2974, 0.4091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

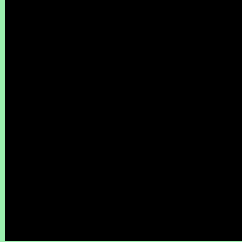
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.1736, 0.2974, 0.4091

Background



This preview shows how black text looks on a background with the Yxy color 71.1736, 0.2974, 0.4091.

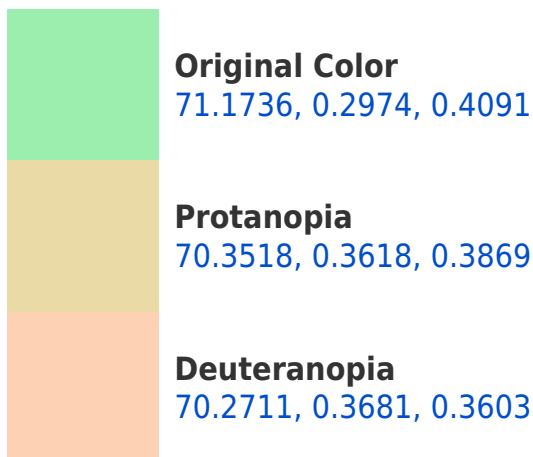


This preview shows how white text looks on a background with the Yxy color 71.1736, 0.2974, 0.4091.

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

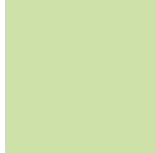
71.3001, 0.2655, 0.3084

Trichromacy



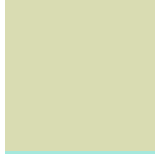
Original Color

71.1736, 0.2974, 0.4091



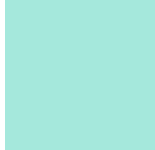
Protanomaly

69.6567, 0.3358, 0.3953



Deuteranomaly

69.1525, 0.3391, 0.3767



Tritanomaly

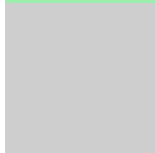
70.8799, 0.2774, 0.3432

Monochromacy



Original Color

71.1736, 0.2974, 0.4091



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

64.6026, 0.3064, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1736, 0.2974, 0.4091 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(155, 238, 174)` looks like.

```
.text, #text, p{  
    color:rgb(155, 238, 174)  
}
```

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(155, 238, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 238, 174) }
```

Border

The CSS property to change the border of an element to Yxy 71.1736, 0.2974, 0.4091 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(155, 238, 174) }
```

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

```
.border{ border-color:rgb(155, 238, 174) }
```

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

Here you see how a box with a 4 pixel rgb(155, 238, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 238, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 238, 174);  
box-shadow:4px 4px 4px 4px rgb(155, 238,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1736, 0.2974, 0.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 238, 174) }
```

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

```
.background{ background-color: rgb(155,  
238, 174) }
```

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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