

Converting Colors

$Yxy(70.8412, 0.2932, 0.4032)$

Have a look what the booklet for
Yxy(70.8412, 0.2932, 0.4032)
contains.

Yxy(71.0791, 0.2929, 0.4030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.0791, 0.2929, 0.4030)

Conversions

Conversions Part 1

Format	Color
Hex	98EEB3
RGB	152, 238, 179
RGB Percent	60%, 93%, 70%
CMY	0.4039, 0.0667, 0.2981
CMYK	0.36, 0.00, 0.25, 0.07
HSL	139°, 72%, 76%
HSV	139°, 36%, 93%
XYZ	51.6602, 71.0791, 53.6356
YIQ	205.5600, -32.3170, -36.5810

Conversions

Conversions Part 2

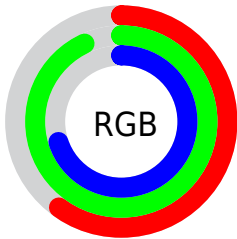
Format	Color
RYB	152, 217, 238
Decimal	10022579
CIELab	87.52, -38.18, 20.54
CIELCh	88, 43.348, 151.723
Yxy	71.0791, 0.2929, 0.4030
Android (android.graphics.Color)	4288212659 (0xFF98EEB3)
YUV	205.5600, -13.0941, -46.9721
Hunter-Lab	84.3084, -38.1634, 21.2966

Details

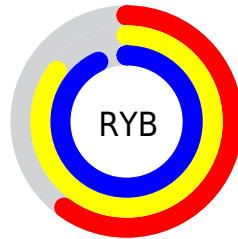
The Yxy color **71.0791, 0.2929, 0.4030** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **45.3431, 0.3408, 0.2653**, and the grayscale version is **61.5286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0735, 0.2961, 0.3500**, and **37.5036, 0.2871, 0.4235** is the 20% darker color. If you saturate the color by 10%, you get **68.3888, 0.2885, 0.4281**, and if you desaturate by 10%, it is **74.3143, 0.2980, 0.3797**.

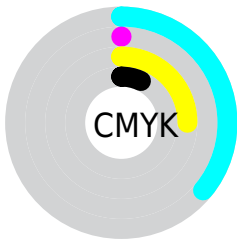
Distribution



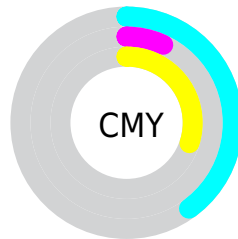
- Red (60%)
- Green (93%)
- Blue (70%)



- Red (60%)
- Yellow (85%)
- Blue (93%)



- Cyan (36%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)





- Cyan (40%)
- Magenta (7%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0791, 0.2929, 0.4030 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 71.0791, 0.2929, 0.4030 by changing the saturation by 10% instead.

 71.0791, 0.2929,
0.4030


 71.0791, 0.2929,
0.4030


464.3299, 0.3030,
0.3669

 52.4068, 0.2904,
0.4117


 120.7463, 0.2966,
0.3901

 37.3294, 0.2871,
0.4228


 152.5100, 0.2980,
0.3852

 25.4626, 0.2827,
0.4372


189.4063, 0.2991,
0.3810

 16.4221, 0.2766,
0.4567

231.8195, 0.3001,
0.3774

 9.8233, 0.2676,
0.4845

280.1341, 0.3010,
0.3742

 5.2820, 0.2531,
0.5270

334.7344, 0.3017,

 2.4136, 0.2282,

0.3715

0.6028

396.0049, 0.3024,
0.3690

0.8329, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

71.0791, 0.2929,
0.4030

71.0791, 0.2929,
0.4030

68.3888, 0.2885,
0.4281

74.3143, 0.2980,
0.3797

66.2043, 0.2852,
0.4545

78.1136, 0.3035,
0.3585

64.4947, 0.2833,
0.4812

82.5060, 0.3092,
0.3395

63.2225, 0.2829,
0.5072

87.5159, 0.3149,
0.3228

■ 62.3437, 0.2843,
0.5311

■ 89.6314, 0.3135,
0.3127

■ 61.8045, 0.2873,
0.5519

■ 61.6546, 0.2886,
0.5589

Harmonies

Analogous

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



71.0791, 0.3447, 0.4245



71.0791, 0.2929, 0.4030



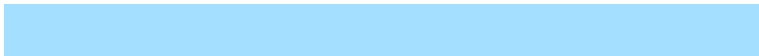
71.0791, 0.2488, 0.3556

Triad

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



71.0791, 0.2929, 0.4030



71.0791, 0.2368, 0.2470



71.0791, 0.4118, 0.3414

Complementary

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



71.0791, 0.2929, 0.4030



45.3431, 0.3408, 0.2653

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.



71.0791, 0.3780, 0.3012



71.0791, 0.2929, 0.4030



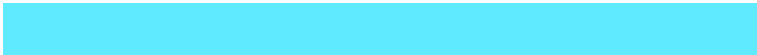
71.0791, 0.2748, 0.2490

Square

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



71.0791, 0.2929, 0.4030



71.0791, 0.2187, 0.2651



71.0791, 0.3264, 0.2684



71.0791, 0.4157, 0.3821

Rectangle

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



71.0791, 0.2929, 0.4030



71.0791, 0.2290, 0.3200



71.0791, 0.3264, 0.2684



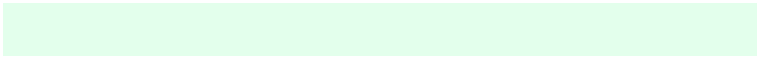
71.0791, 0.4035, 0.3276

Sweetspot

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



71.0820, 0.2929, 0.4030



93.8843, 0.3064, 0.3486



77.4465, 0.3482, 0.4250



19.9467, 0.3056, 0.3512



0.0000, 0.0000, 0.0000



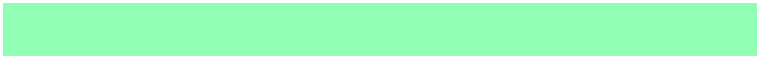
21.4041, 0.3127, 0.3290

Same Dimension

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



71.0820, 0.2929, 0.4030



80.8564, 0.2897, 0.4205



73.0381, 0.2706, 0.3495



17.7381, 0.3073, 0.3456



34.4163, 0.2878, 0.5562



2.8804, 0.2805, 0.5299

Inverse Universe

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



45.3431, 0.3408, 0.2653



46.8174, 0.3482, 0.2531



43.5109, 0.3823, 0.3099



15.9421, 0.3186, 0.3129



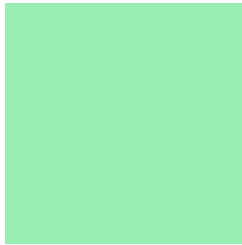
11.6477, 0.4197, 0.2086



0.9869, 0.4035, 0.1996

Previews

White Background



This preview shows how the Yxy color 71.0791, 0.2929, 0.4030 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 71.0791, 0.2929, 0.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

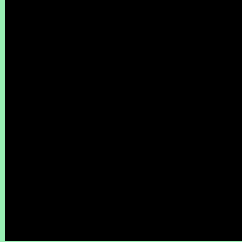
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0791, 0.2929, 0.4030

Background



This preview shows how black text looks on a background with the Yxy color 71.0791, 0.2929, 0.4030.

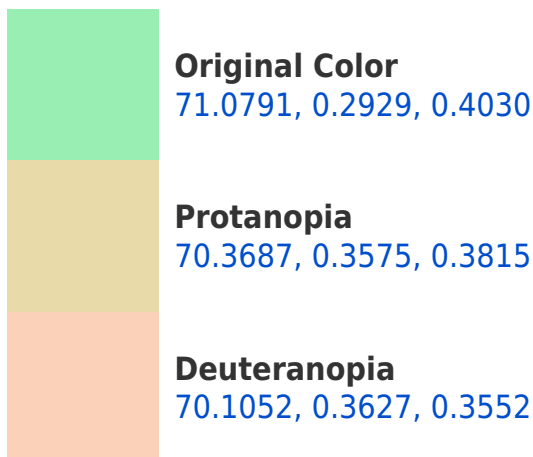


This preview shows how white text looks on a background with the Yxy color 71.0791, 0.2929, 0.4030.

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

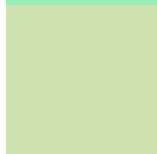
70.8610, 0.2633, 0.3083

Trichromacy



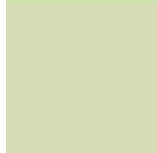
Original Color

71.0791, 0.2929, 0.4030



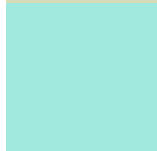
Protanomaly

69.7049, 0.3318, 0.3896



Deuteranomaly

69.0524, 0.3341, 0.3711



Tritanomaly

70.5642, 0.2740, 0.3408

Monochromacy



Original Color

71.0791, 0.2929, 0.4030



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

64.5674, 0.3044, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0791, 0.2929, 0.4030 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(152, 238, 179)` looks like.

```
.text, #text, p{  
    color:rgb(152, 238, 179)  
}
```

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(152, 238, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 238, 179) }
```

Border

The CSS property to change the border of an element to Yxy 71.0791, 0.2929, 0.4030 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(152, 238, 179) }
```

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

```
.border{ border-color:rgb(152, 238, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 238, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 238, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 238, 179); box-shadow:4px 4px 4px 4px rgb(152, 238, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0791, 0.2929, 0.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 238, 179) }
```

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

```
.background{ background-color: rgb(152,  
238, 179) }
```

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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