

Converting Colors

$Yxy(71.6377, 0.2800, 0.3656)$

Have a look what the booklet for
Yxy(71.6377, 0.2800, 0.3656)
contains.

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Color

Yxy(71.5151, 0.2803, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	9CECCE
RGB	156, 236, 206
RGB Percent	61%, 93%, 81%
CMY	0.3883, 0.0745, 0.1922
CMYK	0.34, 0.00, 0.13, 0.07
HSL	157°, 68%, 77%
HSV	157°, 34%, 93%
XYZ	54.8445, 71.5151, 69.3041
YIQ	208.6600, -38.0500, -26.2900

Conversions

Conversions Part 2

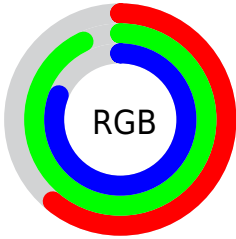
Format	Color
RYB	156, 205, 236
Decimal	10284238
CIELab	87.73, -30.87, 6.81
CIELCh	88, 31.612, 167.554
Yxy	71.5151, 0.2803, 0.3655
Android (android.graphics.Color)	4288474318 (0xFF9CECCE)
YUV	208.6600, -1.3114, -46.1828
Hunter-Lab	84.5666, -32.2277, 10.6072

Details

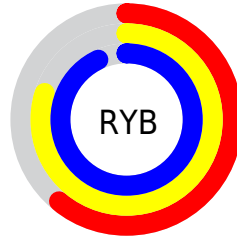
The Yxy color **71.5151, 0.2803, 0.3655** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **45.1532, 0.3623, 0.2956**, and the grayscale version is **63.5550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **37.6762, 0.2720, 0.3746** is the 20% darker color. If you saturate the color by 10%, you get **68.9699, 0.2725, 0.3784**, and if you desaturate by 10%, it is **74.5478, 0.2891, 0.3535**.

Distribution



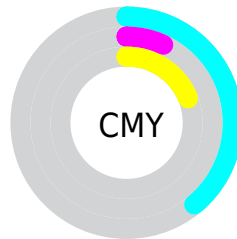
- Red (61%)
- Green (93%)
- Blue (81%)



- Red (61%)
- Yellow (80%)
- Blue (93%)



- Cyan (34%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)





- Cyan (39%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5151, 0.2803, 0.3655 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 71.5151, 0.2803, 0.3655 by changing the saturation by 10% instead.


 71.5151, 0.2803,
0.3655

 71.5151, 0.2803,
0.3655

465.8521, 0.2955,
0.3481

 52.7627, 0.2768,
0.3696

 121.3669, 0.2856,
0.3594

 37.6133, 0.2724,
0.3747


 153.2350, 0.2877,
0.3570

 25.6827, 0.2667,
0.3813


190.2438, 0.2895,
0.3550

 16.5864, 0.2593,
0.3901

232.7777, 0.2910,
0.3533

 9.9401, 0.2491,
0.4025

281.2211, 0.2923,
0.3517

 5.3592, 0.2340,
0.4210

335.9584, 0.2935,

 2.4595, 0.2098,

0.3504

397.3739, 0.2946,
0.3492

0.4517

0.8563, 0.0439,
0.6238

0.0000, 0.0000,
0.0000

71.5151, 0.2803,
0.3655

71.5151, 0.2803,
0.3655

68.9699, 0.2725,
0.3784

74.5478, 0.2891,
0.3535

66.8764, 0.2662,
0.3922

78.0840, 0.2987,
0.3425


65.2077, 0.2615,
0.4065

82.1497, 0.3087,
0.3326

63.9305, 0.2587,
0.4212


86.7666, 0.3190,
0.3237

 63.0062, 0.2580,
0.4358

 88.1728, 0.3165,
0.3152

 62.3877, 0.2593,
0.4503

 88.4747, 0.3136,
0.3107

 62.1170, 0.2608,
0.4589

Harmonies

Analogous

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



71.5151, 0.3170, 0.3917



71.5151, 0.2803, 0.3655



71.5151, 0.2533, 0.3286

Triad

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



71.5151, 0.2803, 0.3655



71.5151, 0.2700, 0.2667



71.5151, 0.3891, 0.3560

Complementary

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



71.5151, 0.2803, 0.3655



45.1532, 0.3623, 0.2956

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.



71.5151, 0.3753, 0.3247



71.5151, 0.2803, 0.3655



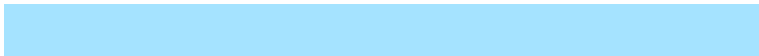
71.5151, 0.3047, 0.2752

Square

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



71.5151, 0.2803, 0.3655



71.5151, 0.2478, 0.2730



71.5151, 0.3436, 0.2959



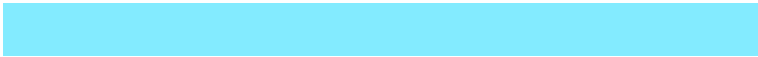
71.5151, 0.3809, 0.3829

Rectangle

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



71.5151, 0.2803, 0.3655



71.5151, 0.2438, 0.3049



71.5151, 0.3436, 0.2959



71.5151, 0.3870, 0.3457

Sweetspot

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



71.5180, 0.2803, 0.3655



94.8797, 0.3025, 0.3386



72.9172, 0.3282, 0.4242



20.1654, 0.3011, 0.3400



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.



71.5180, 0.2803, 0.3655



82.9939, 0.2745, 0.3748



67.8823, 0.2632, 0.3178



17.0205, 0.3031, 0.3380



34.2638, 0.2602, 0.4566



2.7091, 0.2547, 0.4368

Inverse Universe

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



45.1532, 0.3623, 0.2956



46.9194, 0.3778, 0.2883



47.2623, 0.3890, 0.3398



15.1475, 0.3234, 0.3202



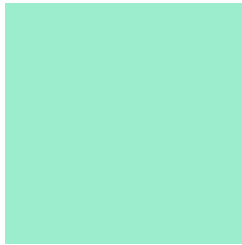
10.2459, 0.5475, 0.2790



0.8227, 0.5098, 0.2582

Previews

White Background



This preview shows how the Yxy color 71.5151, 0.2803, 0.3655 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 71.5151, 0.2803, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

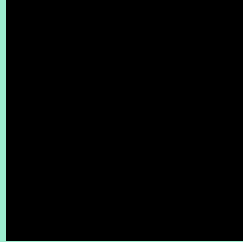
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5151, 0.2803, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 71.5151, 0.2803, 0.3655.

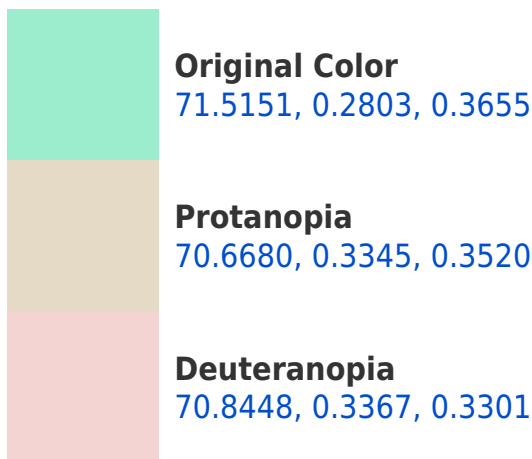


This preview shows how white text looks on a background with the Yxy color 71.5151, 0.2803, 0.3655.

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

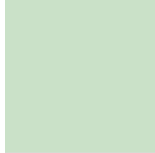
71.3703, 0.2624, 0.3083

Trichromacy



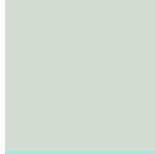
Original Color

71.5151, 0.2803, 0.3655



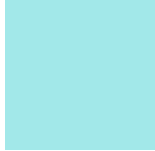
Protanomaly

70.5771, 0.3128, 0.3577



Deuteranomaly

70.1652, 0.3135, 0.3425



Tritanomaly

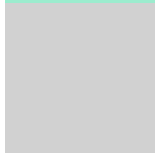
71.2778, 0.2688, 0.3277

Monochromacy



Original Color

71.5151, 0.2803, 0.3655



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

66.1643, 0.2995, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5151, 0.2803, 0.3655 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(156, 236, 206)` looks like.

```
.text, #text, p{  
    color:rgb(156, 236, 206)  
}
```

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(156, 236, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 236, 206) }
```

Border

The CSS property to change the border of an element to Yxy 71.5151, 0.2803, 0.3655 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(156, 236, 206) }
```

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

```
.border{ border-color:rgb(156, 236, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 236, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 236, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 236, 206);  
box-shadow:4px 4px 4px 4px rgb(156, 236,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5151, 0.2803, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 236, 206) }
```

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

```
.background{ background-color: rgb(156,  
236, 206) }
```

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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