

Converting Colors

$Yxy(71.1546, 0.2713, 0.3483)$

Have a look what the booklet for
Yxy(71.1546, 0.2713, 0.3483)
contains.

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Color

Yxy(71.2065, 0.2711, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	98EBDB
RGB	152, 235, 219
RGB Percent	60%, 92%, 86%
CMY	0.4041, 0.0784, 0.1411
CMYK	0.35, 0.00, 0.07, 0.08
HSL	168°, 68%, 76%
HSV	168°, 35%, 92%
XYZ	55.4396, 71.2065, 77.8527
YIQ	208.3590, -44.3320, -22.5720

Conversions

Conversions Part 2

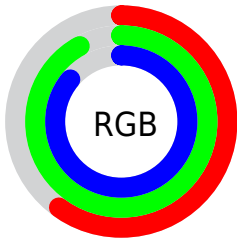
Format	Color
RYB	152, 198, 235
Decimal	10021851
CIELab	87.59, -28.72, -0.25
CIELCh	88, 28.725, 180.491
Yxy	71.2065, 0.2711, 0.3482
Android (android.graphics.Color)	4288211931 (0xFF98EBDB)
YUV	208.3590, 5.2460, -49.4268
Hunter-Lab	84.3839, -30.3987, 4.3677

Details

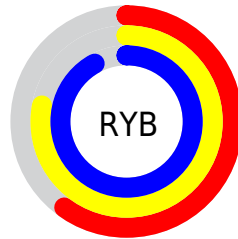
The Yxy color **71.2065, 0.2711, 0.3482** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **42.9333, 0.3807, 0.3111**, and the grayscale version is **63.3053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **37.4619, 0.2615, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **68.9275, 0.2618, 0.3546**, and if you desaturate by 10%, it is **73.9469, 0.2818, 0.3422**.

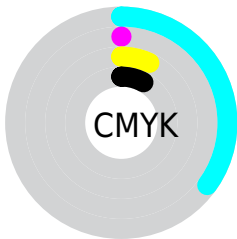
Distribution



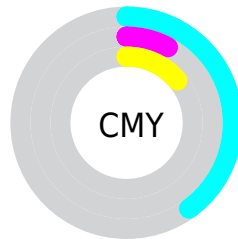
- Red (60%)
- Green (92%)
- Blue (86%)



- Red (60%)
- Yellow (78%)
- Blue (92%)



- Cyan (35%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)




- Cyan (40%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2065, 0.2711, 0.3482 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 71.2065, 0.2711, 0.3482 by changing the saturation by 10% instead.


 71.2065, 0.2711,
0.3482


 71.2065, 0.2711,
0.3482


464.7750, 0.2904,
0.3393

 52.5107, 0.2667,
0.3502


 120.9277, 0.2778,
0.3451

 37.4123, 0.2613,
0.3527

 152.7219, 0.2804,
0.3439

 25.5269, 0.2544,
0.3559


189.6511, 0.2826,
0.3429

 16.4701, 0.2454,
0.3600

232.0996, 0.2846,
0.3420

 9.8574, 0.2333,
0.3655

280.4519, 0.2863,
0.3412

 5.3045, 0.2158,
0.3735

335.0923, 0.2878,

 2.4270, 0.1888,

0.3405

396.4052, 0.2891,
0.3399

0.3858

0.8397, 0.0519,
0.4495

0.0000, 0.0000,
0.0000

71.2065, 0.2711,
0.3482

71.2065, 0.2711,
0.3482

68.9275, 0.2618,
0.3546

73.9469, 0.2818,
0.3422

67.0746, 0.2540,
0.3613

77.1646, 0.2935,
0.3366


65.6211, 0.2481,
0.3682


80.8852, 0.3059,
0.3315

64.5337, 0.2441,
0.3753

85.1301, 0.3188,
0.3269

 63.7736, 0.2422,
0.3823


 87.0715, 0.3220,
0.3226

 63.2930, 0.2420,
0.3893

 87.3463, 0.3191,
0.3182

 63.1294, 0.2424,
0.3926

 87.6278, 0.3163,
0.3138

 87.9021, 0.3136,
0.3097

Harmonies

Analogous

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



71.2065, 0.3018, 0.3774



71.2065, 0.2711, 0.3482



71.2065, 0.2520, 0.3146

Triad

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



71.2065, 0.2711, 0.3482



71.2065, 0.2864, 0.2737



71.2065, 0.3814, 0.3655

Complementary

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



71.2065, 0.2711, 0.3482



42.9333, 0.3807, 0.3111

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.



71.2065, 0.3774, 0.3377



71.2065, 0.2711, 0.3482



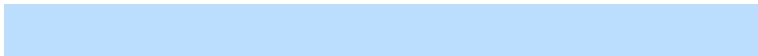
71.2065, 0.3209, 0.2867

Square

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



71.2065, 0.2711, 0.3482



71.2065, 0.2605, 0.2736



71.2065, 0.3548, 0.3096



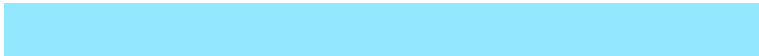
71.2065, 0.3660, 0.3858

Rectangle

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



71.2065, 0.2711, 0.3482



71.2065, 0.2477, 0.2954



71.2065, 0.3548, 0.3096



71.2065, 0.3824, 0.3567

Sweetspot

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



71.2094, 0.2711, 0.3482



94.7198, 0.2987, 0.3344



70.0756, 0.3184, 0.4320



20.1459, 0.2970, 0.3351



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.



71.2094, 0.2711, 0.3482



83.7689, 0.2645, 0.3525



58.8107, 0.2588, 0.2984



17.0693, 0.3007, 0.3336



35.1494, 0.2421, 0.3914



2.7728, 0.2394, 0.3817

Inverse Universe

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



42.9333, 0.3807, 0.3111



45.2550, 0.4006, 0.3076



51.3250, 0.3873, 0.3574



15.1014, 0.3263, 0.3245



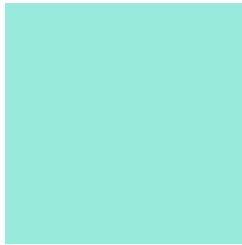
9.9503, 0.6091, 0.3129



0.7945, 0.5721, 0.2925

Previews

White Background



This preview shows how the Yxy color 71.2065, 0.2711, 0.3482 looks on a white background.

Color Contrast Check

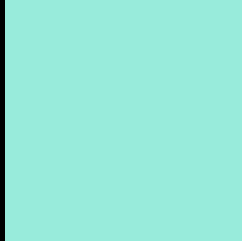
Large Text (above 18pt) WCAG AA × Fail

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 71.2065, 0.2711, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

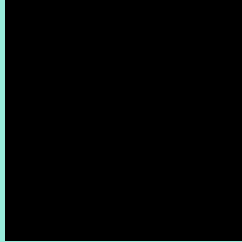
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

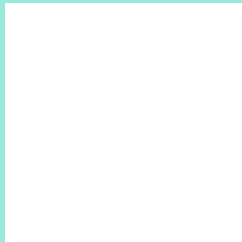
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2065, 0.2711, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 71.2065, 0.2711, 0.3482.

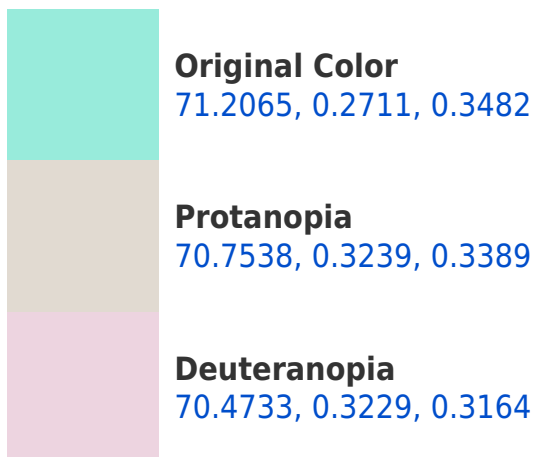


This preview shows how white text looks on a background with the Yxy color 71.2065, 0.2711, 0.3482.

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

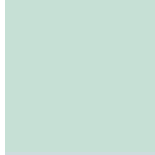
71.3623, 0.2590, 0.3082

Trichromacy



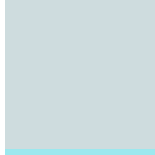
Original Color

71.2065, 0.2711, 0.3482



Protanomaly

70.1212, 0.3018, 0.3416



Deuteranomaly

69.5821, 0.3016, 0.3267



Tritanomaly

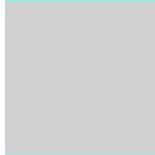
70.9542, 0.2631, 0.3218

Monochromacy



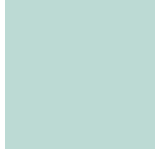
Original Color

71.2065, 0.2711, 0.3482



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.5876, 0.2956, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2065, 0.2711, 0.3482 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, 235, 219)` looks like.

```
.text, #text, p{  
    color:rgb(152, 235, 219)  
}
```

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, 235, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 235, 219) }
```

Border

The CSS property to change the border of an element to Yxy 71.2065, 0.2711, 0.3482 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, 235, 219) }
```

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

```
.border{ border-color:rgb(152, 235, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 235, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 235, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 235, 219);  
box-shadow:4px 4px 4px 4px rgb(152, 235,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2065, 0.2711, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 235, 219) }
```

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

```
.background{ background-color: rgb(152,  
235, 219) }
```

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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