

Converting Colors

$Yxy(70.8486, 0.2643, 0.3393)$

Have a look what the booklet for
Yxy(70.8486, 0.2643, 0.3393)
contains.

Yxy(71.0186, 0.2645, 0.3397)	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(71.0186, 0.2645, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	92EBE2
RGB	146, 235, 226
RGB Percent	57%, 92%, 89%
CMY	0.4272, 0.0784, 0.1137
CMYK	0.38, 0.00, 0.04, 0.08
HSL	174°, 69%, 75%
HSV	174°, 38%, 92%
XYZ	55.2971, 71.0186, 82.7470
YIQ	207.3630, -50.1550, -21.6670

Conversions

Conversions Part 2

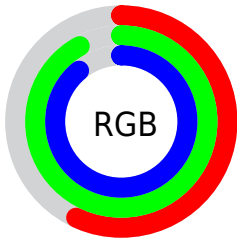
Format	Color
RYB	146, 193, 235
Decimal	9628642
CIELab	87.49, -28.69, -4.08
CIELCh	87, 28.978, 188.084
Yxy	71.0186, 0.2645, 0.3397
Android (android.graphics.Color)	4287818722 (0xFF92EBE2)
YUV	207.3630, 9.1880, -53.8154
Hunter-Lab	84.2725, -30.3506, 0.7741

Details

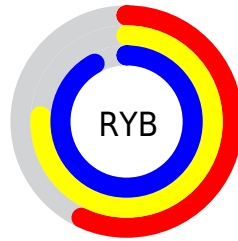
The Yxy color **71.0186, 0.2645, 0.3397** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **40.6046, 0.3965, 0.3190**, and the grayscale version is **62.6162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **37.3541, 0.2533, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **68.9541, 0.2548, 0.3430**, and if you desaturate by 10%, it is **73.5332, 0.2758, 0.3366**.

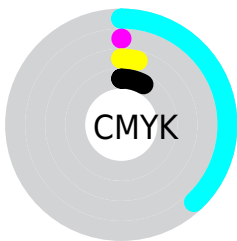
Distribution



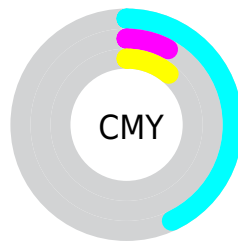
- Red (57%)
- Green (92%)
- Blue (89%)



- Red (57%)
- Yellow (76%)
- Blue (92%)



- Cyan (38%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)





- Cyan (43%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0186, 0.2645, 0.3397 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 71.0186, 0.2645, 0.3397 by changing the saturation by 10% instead.

 71.0186, 0.2645,
0.3397


 71.0186, 0.2645,
0.3397


464.1185, 0.2867,
0.3350

 52.3574, 0.2595,
0.3407

 120.6602, 0.2722,
0.3381

 37.2900, 0.2533,
0.3419


 152.4094, 0.2752,
0.3375

 25.4321, 0.2455,
0.3434


189.2900, 0.2777,
0.3370

 16.3993, 0.2354,
0.3452

231.6864, 0.2800,
0.3365

 9.8071, 0.2217,
0.3475

279.9831, 0.2820,
0.3360

 5.2713, 0.2024,
0.3504

334.5644, 0.2837,

 2.4073, 0.1731,

0.3357

395.8147, 0.2853,
0.3353

0.3540

0.8296, 0.0415,
0.3906

0.0000, 0.0000,
0.0000

71.0186, 0.2645,
0.3397

71.0186, 0.2645,
0.3397

68.9541, 0.2548,
0.3430

73.5332, 0.2758,
0.3366

67.3039, 0.2468,
0.3464


76.5145, 0.2883,
0.3337


66.0405, 0.2406,
0.3499


79.9883, 0.3017,
0.3310

65.1295, 0.2365,
0.3534


83.9763, 0.3158,
0.3285


 64.5304, 0.2342,
0.3569

 86.8402, 0.3244,
0.3262


 64.1876, 0.2337,
0.3603

 86.9807, 0.3229,
0.3239

 64.1292, 0.2336,
0.3611

 87.1230, 0.3214,
0.3216

 87.2672, 0.3199,
0.3193

 87.4132, 0.3184,
0.3170

Harmonies

Analogous

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



71.0186, 0.2931, 0.3716



71.0186, 0.2645, 0.3397



71.0186, 0.2489, 0.3066

Triad

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



71.0186, 0.2645, 0.3397



71.0186, 0.2945, 0.2754



71.0186, 0.3799, 0.3720

Complementary

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



71.0186, 0.2645, 0.3397



40.6046, 0.3965, 0.3190

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.



71.0186, 0.3810, 0.3452



71.0186, 0.2645, 0.3397



71.0186, 0.3301, 0.2914

Square

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



71.0186, 0.2645, 0.3397



71.0186, 0.2654, 0.2718



71.0186, 0.3624, 0.3163



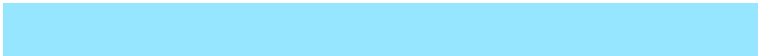
71.0186, 0.3600, 0.3894

Rectangle

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



71.0186, 0.2645, 0.3397



71.0186, 0.2474, 0.2890



71.0186, 0.3624, 0.3163



71.0186, 0.3825, 0.3637

Sweetspot

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



71.0214, 0.2645, 0.3397



94.8815, 0.2973, 0.3318



68.6023, 0.3138, 0.4421



20.1847, 0.2955, 0.3322



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.



71.0214, 0.2645, 0.3397



83.6124, 0.2572, 0.3421



53.8417, 0.2538, 0.2863



17.0941, 0.2995, 0.3314



35.7034, 0.2335, 0.3605



2.8112, 0.2322, 0.3557

Inverse Universe

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



40.6046, 0.3965, 0.3190



42.3514, 0.4218, 0.3172



52.4414, 0.3912, 0.3676



15.0788, 0.3277, 0.3266



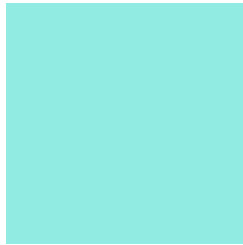
9.8745, 0.6281, 0.3234



0.7837, 0.6019, 0.3089

Previews

White Background



This preview shows how the Yxy color 71.0186, 0.2645, 0.3397 looks on a white background.

Color Contrast Check

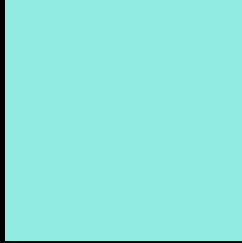
Large Text (above 18pt) WCAG AA × Fail

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 71.0186, 0.2645, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

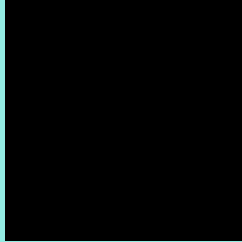
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0186, 0.2645, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 71.0186, 0.2645, 0.3397.

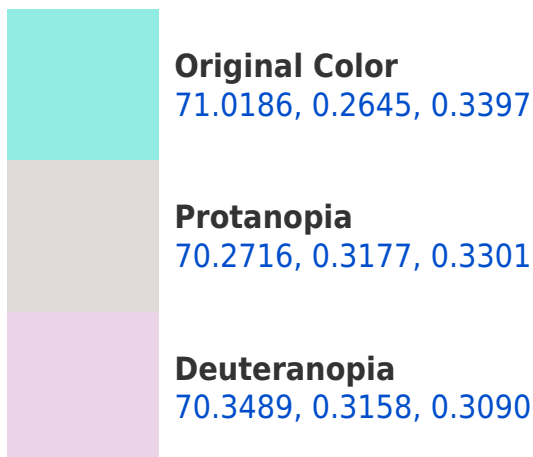


This preview shows how white text looks on a background with the Yxy color 71.0186, 0.2645, 0.3397.

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

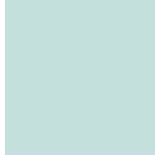
70.7294, 0.2550, 0.3068

Trichromacy



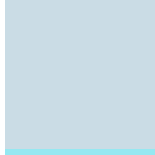
Original Color

71.0186, 0.2645, 0.3397



Protanomaly

70.0807, 0.2954, 0.3335



Deuteranomaly

69.4001, 0.2945, 0.3189



Tritanomaly

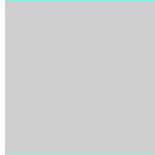
70.5481, 0.2585, 0.3182

Monochromacy



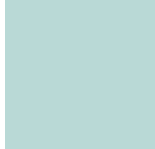
Original Color

71.0186, 0.2645, 0.3397



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

64.7950, 0.2923, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0186, 0.2645, 0.3397 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(146, 235, 226)` looks like.

```
.text, #text, p{  
    color:rgb(146, 235, 226)  
}
```

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(146, 235, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 235, 226) }
```

Border

The CSS property to change the border of an element to Yxy 71.0186, 0.2645, 0.3397 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(146, 235, 226) }
```

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

```
.border{ border-color:rgb(146, 235, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 235, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 235, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 235, 226);  
box-shadow:4px 4px 4px 4px rgb(146, 235,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0186, 0.2645, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 235, 226) }
```

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

```
.background{ background-color: rgb(146,  
235, 226) }
```

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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