

Converting Colors

$Yxy(70.9197, 0.2593, 0.3327)$

Have a look what the booklet for
Yxy(70.9197, 0.2593, 0.3327)
contains.

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Color

Yxy(70.9056, 0.2591, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	8DEBE8
RGB	141, 235, 232
RGB Percent	55%, 92%, 91%
CMY	0.4471, 0.0784, 0.0903
CMYK	0.40, 0.00, 0.01, 0.08
HSL	178°, 70%, 74%
HSV	178°, 40%, 92%
XYZ	55.2531, 70.9056, 87.0913
YIQ	206.5520, -55.0610, -20.8610

Conversions

Conversions Part 2

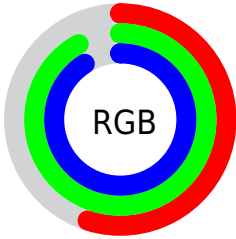
Format	Color
RYB	141, 189, 235
Decimal	9300968
CIELab	87.44, -28.56, -7.31
CIElCh	87, 29.484, 194.354
Yxy	70.9056, 0.2591, 0.3325
Android (android.graphics.Color)	4287491048 (0xFF8DEBE8)
YUV	206.5520, 12.5459, -57.4891
Hunter-Lab	84.2055, -30.2333, -2.3781

Details

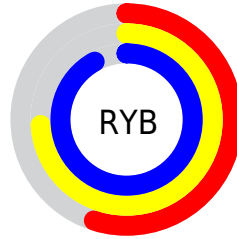
The Yxy color **70.9056, 0.2591, 0.3325** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **38.7266, 0.4108, 0.3258**, and the grayscale version is **62.0375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **37.2596, 0.2472, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **69.0192, 0.2492, 0.3335**, and if you desaturate by 10%, it is **73.2348, 0.2707, 0.3315**.

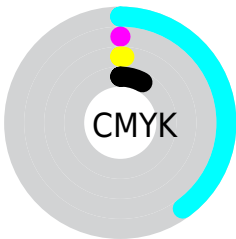
Distribution



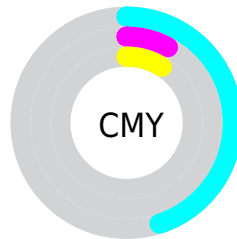
- Red (55%)
- Green (92%)
- Blue (91%)



- Red (55%)
- Yellow (74%)
- Blue (92%)



- Cyan (40%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)




- Cyan (45%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9056, 0.2591, 0.3325 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 70.9056, 0.2591, 0.3325 by changing the saturation by 10% instead.


 70.9056, 0.2591,
0.3325


 70.9056, 0.2591,
0.3325


463.7234, 0.2837,
0.3313

 52.2652, 0.2536,
0.3327


 120.4993, 0.2676,
0.3322

 37.2165, 0.2468,
0.3328

 152.2214, 0.2709,
0.3320

 25.3751, 0.2382,
0.3329


189.0727, 0.2737,
0.3319

 16.3568, 0.2272,
0.3328

231.4378, 0.2762,
0.3318

 9.7770, 0.2124,
0.3324

279.7011, 0.2784,
0.3316

 5.2513, 0.1917,
0.3313

334.2468, 0.2804,

 2.3955, 0.1608,

0.3315

395.4594, 0.2821,
0.3314

0.3281

0.8236, 0.0358,
0.3448

0.0000, 0.0000,
0.0000

70.9056, 0.2591,
0.3325

70.9056, 0.2591,
0.3325

69.0192, 0.2492,
0.3335

73.2348, 0.2707,
0.3315

67.5394, 0.2411,
0.3346


76.0239, 0.2837,
0.3306

66.4378, 0.2350,
0.3356


79.2991, 0.2978,
0.3298


65.6789, 0.2308,
0.3367


83.0824, 0.3127,
0.3290


 65.2204, 0.2284,
0.3377

 86.7247, 0.3258,
0.3283

 64.9902, 0.2274,
0.3388

 86.7689, 0.3253,
0.3275

 86.8134, 0.3248,
0.3268

 86.8580, 0.3243,
0.3261

 86.9028, 0.3238,
0.3253

Harmonies

Analogous

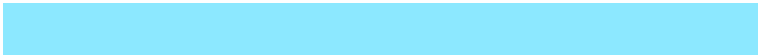
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.9056, 0.2858, 0.3663



70.9056, 0.2591, 0.3325



70.9056, 0.2466, 0.3000

Triad

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



70.9056, 0.2591, 0.3325



70.9056, 0.3014, 0.2769



70.9056, 0.3783, 0.3774

Complementary

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



70.9056, 0.2591, 0.3325



38.7266, 0.4108, 0.3258

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.



70.9056, 0.3837, 0.3515



70.9056, 0.2591, 0.3325



70.9056, 0.3379, 0.2954

Square

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



70.9056, 0.2591, 0.3325



70.9056, 0.2699, 0.2704



70.9056, 0.3687, 0.3220



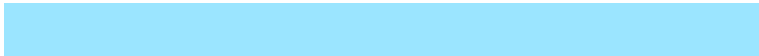
70.9056, 0.3548, 0.3922

Rectangle

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



70.9056, 0.2591, 0.3325



70.9056, 0.2473, 0.2839



70.9056, 0.3687, 0.3220



70.9056, 0.3824, 0.3696

Sweetspot

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



70.9084, 0.2591, 0.3325



94.5876, 0.2948, 0.3299



67.2857, 0.3088, 0.4513



20.1311, 0.2929, 0.3301



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.



70.9084, 0.2591, 0.3325



83.4415, 0.2508, 0.3333



48.9817, 0.2489, 0.2731



17.1130, 0.2986, 0.3297



36.1707, 0.2274, 0.3386



2.8429, 0.2270, 0.3372

Inverse Universe

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



38.7266, 0.4108, 0.3258



39.7193, 0.4427, 0.3253



54.2294, 0.3935, 0.3784



15.0619, 0.3288, 0.3283



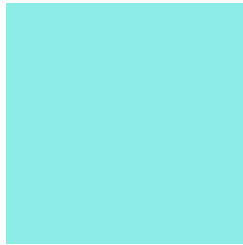
9.8426, 0.6366, 0.3280



0.7757, 0.6272, 0.3229

Previews

White Background



This preview shows how the Yxy color 70.9056, 0.2591, 0.3325 looks on a white background.

Color Contrast Check

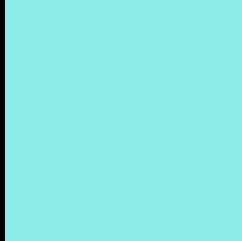
Large Text (above 18pt) WCAG AA × Fail

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 70.9056, 0.2591, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

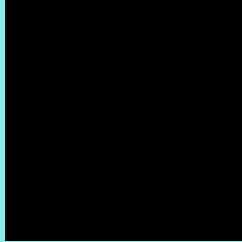
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.9056, 0.2591, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 70.9056, 0.2591, 0.3325.

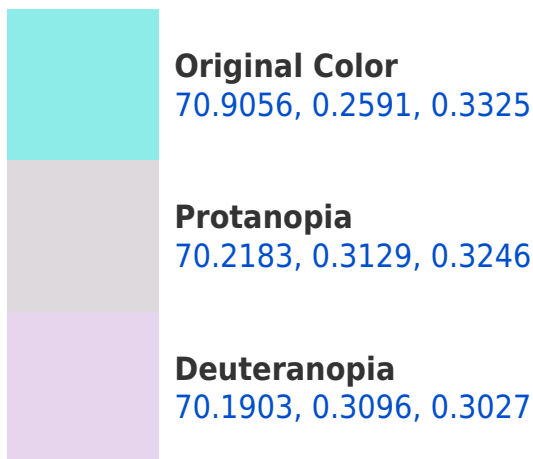


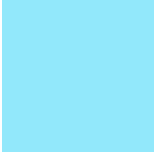
This preview shows how white text looks on a background with the Yxy color 70.9056, 0.2591, 0.3325.

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

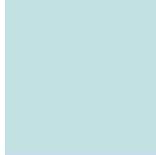
70.7893, 0.2519, 0.3067

Trichromacy



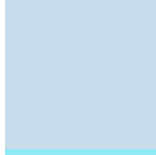
Original Color

70.9056, 0.2591, 0.3325



Protanomaly

69.9540, 0.2905, 0.3278



Deuteranomaly

69.1903, 0.2882, 0.3122



Tritanomaly

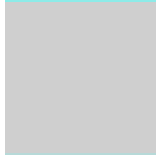
70.7388, 0.2544, 0.3159

Monochromacy



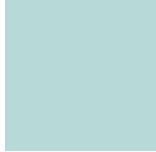
Original Color

70.9056, 0.2591, 0.3325



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

64.6509, 0.2897, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9056, 0.2591, 0.3325 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(141, 235, 232)` looks like.

```
.text, #text, p{  
    color:rgb(141, 235, 232)  
}
```

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(141, 235, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 235, 232) }
```

Border

The CSS property to change the border of an element to Yxy 70.9056, 0.2591, 0.3325 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(141, 235, 232) }
```

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

```
.border{ border-color:rgb(141, 235, 232) }
```

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

Here you see how a box with a 4 pixel rgb(141, 235, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 235, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 235, 232);  
box-shadow:4px 4px 4px 4px rgb(141, 235,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9056, 0.2591, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 235, 232) }
```

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

```
.background{ background-color: rgb(141,  
235, 232) }
```

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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