

Converting Colors

$Yxy(71.3426, 0.2670, 0.3333)$

Have a look what the booklet for
Yxy(71.3426, 0.2670, 0.3333)
contains.

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Color

Yxy(71.5274, 0.2669, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	9BEAE6
RGB	155, 234, 230
RGB Percent	61%, 92%, 90%
CMY	0.3921, 0.0823, 0.0980
CMYK	0.34, 0.00, 0.02, 0.08
HSL	177°, 65%, 76%
HSV	177°, 34%, 92%
XYZ	57.2262, 71.5274, 85.6571
YIQ	209.9230, -45.8000, -17.9920

Conversions

Conversions Part 2

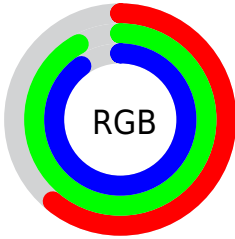
Format	Color
R _Y B	155, 196, 234
Decimal	10218214
CIE Lab	87.74, -24.95, -5.76
CIE LCh	88, 25.611, 193.008
Yxy	71.5274, 0.2669, 0.3336
Android (android.graphics.Color)	4288408294 (0xFF9BEAE6)
YUV	209.9230, 9.8980, -48.1675
Hunter-Lab	84.5739, -27.2237, -0.8477

Details

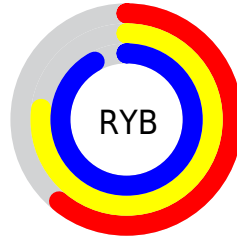
The Yxy color **71.5274, 0.2669, 0.3336** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.4453, 0.3880, 0.3247**, and the grayscale version is **64.3563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7370, 0.2872, 0.3289**, and **37.6453, 0.2562, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **69.3684, 0.2561, 0.3352**, and if you desaturate by 10%, it is **74.1412, 0.2792, 0.3321**.

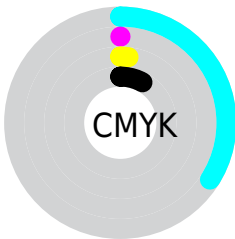
Distribution



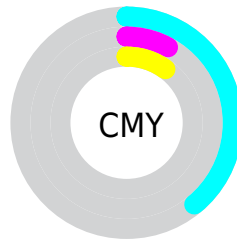
- Red (61%)
- Green (92%)
- Blue (90%)



- Red (61%)
- Yellow (77%)
- Blue (92%)



- Cyan (34%)
- Magenta (0%)
- Yellow (2%)
- Black (8%)




- Cyan (39%)
- Magenta (8%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5274, 0.2669, 0.3336 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 71.5274, 0.2669, 0.3336 by changing the saturation by 10% instead.

 71.5274, 0.2669,
0.3336


 71.5274, 0.2669,
0.3336


465.8950, 0.2879,
0.3318

 52.7727, 0.2621,
0.3339


 121.3844, 0.2742,
0.3330

 37.6214, 0.2563,
0.3343


 153.2555, 0.2770,
0.3328

 25.6889, 0.2489,
0.3347


190.2674, 0.2794,
0.3326

 16.5911, 0.2394,
0.3352

232.8048, 0.2816,
0.3324

 9.9434, 0.2266,
0.3356

281.2518, 0.2834,
0.3322

 5.3614, 0.2084,
0.3357

335.9929, 0.2851,

 2.4608, 0.1810,

0.3321

397.4125, 0.2866,
0.3319

0.3349

0.8569, 0.0839,
0.3500

0.0000, 0.0000,
0.0000

71.5274, 0.2669,
0.3336

71.5274, 0.2669,
0.3336

69.3684, 0.2561,
0.3352

74.1412, 0.2792,
0.3321

67.6296, 0.2470,
0.3368

77.2250, 0.2927,
0.3307

66.2852, 0.2397,
0.3385

80.8041, 0.3071,
0.3295

65.3029, 0.2344,
0.3402

84.8993, 0.3222,
0.3283

■ 64.6454, 0.2310,
0.3419

■ 86.1579, 0.3258,
0.3272

■ 64.2673, 0.2294,
0.3435

■ 86.2269, 0.3250,
0.3260

■ 64.1292, 0.2291,
0.3446

■ 86.2963, 0.3242,
0.3248

■ 86.3662, 0.3235,
0.3237

■ 86.4366, 0.3227,
0.3225

Harmonies

Analogous

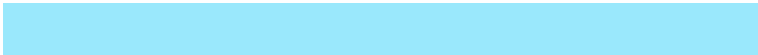
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5274, 0.2908, 0.3623



71.5274, 0.2669, 0.3336



71.5274, 0.2552, 0.3052

Triad

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



71.5274, 0.2669, 0.3336



71.5274, 0.3017, 0.2829



71.5274, 0.3701, 0.3705

Complementary

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



71.5274, 0.2669, 0.3336



43.4453, 0.3880, 0.3247

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.



71.5274, 0.3739, 0.3478



71.5274, 0.2669, 0.3336



71.5274, 0.3333, 0.2988

Square

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



71.5274, 0.2669, 0.3336



71.5274, 0.2745, 0.2779



71.5274, 0.3602, 0.3220



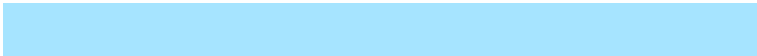
71.5274, 0.3505, 0.3834

Rectangle

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



71.5274, 0.2669, 0.3336



71.5274, 0.2554, 0.2908



71.5274, 0.3602, 0.3220



71.5274, 0.3734, 0.3637

Sweetspot

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



71.5303, 0.2669, 0.3336



95.3976, 0.2980, 0.3302



68.7164, 0.3113, 0.4288



20.2913, 0.2960, 0.3304



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.



71.5303, 0.2669, 0.3336



84.9310, 0.2587, 0.3348



54.1157, 0.2594, 0.2866



17.1080, 0.2988, 0.3302



36.0426, 0.2290, 0.3443



2.8343, 0.2283, 0.3420

Inverse Universe

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



43.4453, 0.3880, 0.3247



45.6080, 0.4131, 0.3237



56.3603, 0.3790, 0.3677



15.0664, 0.3285, 0.3278



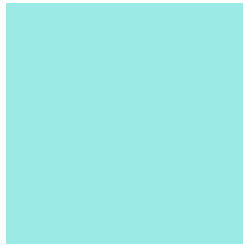
9.8499, 0.6346, 0.3270



0.7778, 0.6202, 0.3190

Previews

White Background



This preview shows how the Yxy color 71.5274, 0.2669, 0.3336 looks on a white background.

Color Contrast Check

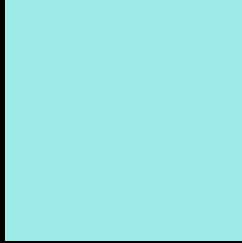
Large Text (above 18pt) WCAG AA × Fail

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 71.5274, 0.2669, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

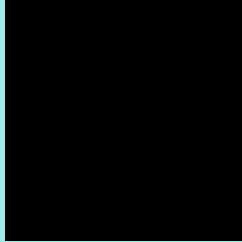
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5274, 0.2669, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 71.5274, 0.2669, 0.3336.

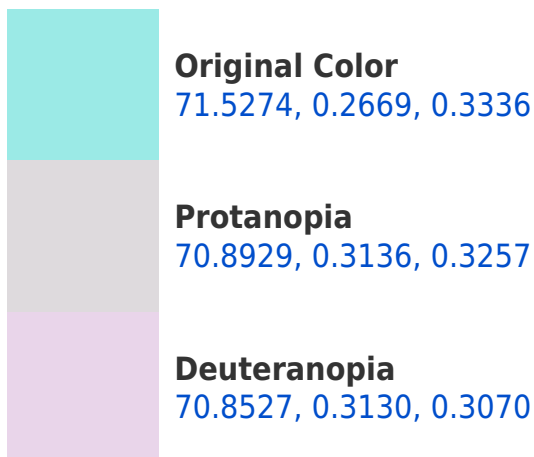


This preview shows how white text looks on a background with the Yxy color 71.5274, 0.2669, 0.3336.

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

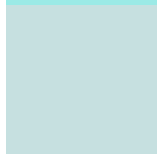
71.5275, 0.2590, 0.3071

Trichromacy



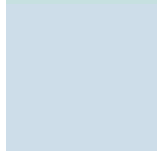
Original Color

71.5274, 0.2669, 0.3336



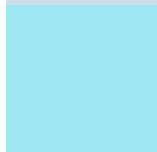
Protanomaly

70.6989, 0.2950, 0.3289



Deuteranomaly

70.5752, 0.2941, 0.3157



Tritanomaly

71.4534, 0.2616, 0.3161

Monochromacy



Original Color

71.5274, 0.2669, 0.3336



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

66.6199, 0.2938, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5274, 0.2669, 0.3336 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(155, 234, 230)` looks like.

```
.text, #text, p{  
    color:rgb(155, 234, 230)  
}
```

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(155, 234, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 234, 230) }
```

Border

The CSS property to change the border of an element to Yxy 71.5274, 0.2669, 0.3336 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(155, 234, 230) }
```

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

```
.border{ border-color:rgb(155, 234, 230) }
```

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

Here you see how a box with a 4 pixel rgb(155, 234, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 234, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 234, 230);  
box-shadow:4px 4px 4px 4px rgb(155, 234,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5274, 0.2669, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 234, 230) }
```

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

```
.background{ background-color: rgb(155,  
234, 230) }
```

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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