

Converting Colors

$Yxy(71.2041, 0.2704, 0.3240)$

Have a look what the booklet for
Yxy(71.2041, 0.2704, 0.3240)
contains.

Yxy(71.3655, 0.2704, 0.3242)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.3655, 0.2704, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	A7E7EB
RGB	167, 231, 235
RGB Percent	65%, 91%, 92%
CMY	0.3447, 0.0942, 0.0784
CMYK	0.29, 0.02, 0.00, 0.08
HSL	184°, 63%, 79%
HSV	184°, 29%, 92%
XYZ	59.5226, 71.3655, 89.2399
YIQ	212.3200, -39.4280, -12.3240

Conversions

Conversions Part 2

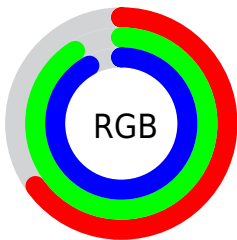
Format	Color
R _Y B	167, 200, 235
Decimal	11003883
CIE Lab	87.66, -19.04, -8.44
CIE LCh	88, 20.829, 203.901
Yxy	71.3655, 0.2704, 0.3242
Android (android.graphics.Color)	4289193963 (0xFFA7E7EB)
YUV	212.3200, 11.1812, -39.7456
Hunter-Lab	84.4781, -22.0670, -3.4973

Details

The Yxy color **71.3655, 0.2704, 0.3242** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.6265, 0.3755, 0.3337**, and the grayscale version is **66.0199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **37.3594, 0.2604, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **68.2594, 0.2579, 0.3223**, and if you desaturate by 10%, it is **74.9486, 0.2842, 0.3260**.

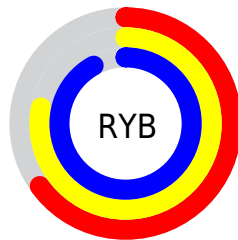
Distribution



Red (65%)

Green (91%)

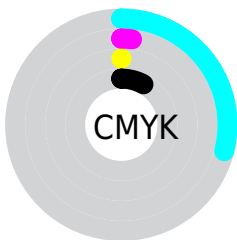
Blue (92%)



Red (65%)

Yellow (78%)

Blue (92%)

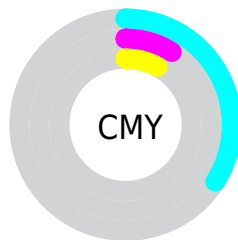


Cyan (29%)

Magenta (2%)

Yellow (0%)

Black (8%)



Cyan (34%)


Magenta (9%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3655, 0.2704, 0.3242 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 71.3655, 0.2704, 0.3242 by changing the saturation by 10% instead.


 71.3655, 0.2704,
0.3242


 71.3655, 0.2704,
0.3242


465.3301, 0.2898,
0.3268

 52.6405, 0.2660,
0.3235


 121.1540, 0.2771,
0.3252

 37.5159, 0.2606,
0.3227


 152.9863, 0.2797,
0.3255

 25.6072, 0.2539,
0.3215


189.9566, 0.2820,
0.3258

 16.5300, 0.2451,
0.3199

232.4491, 0.2839,
0.3260

 9.9000, 0.2332,
0.3175

280.8483, 0.2857,
0.3263

 5.3327, 0.2165,
0.3137

335.5386, 0.2872,

 2.4437, 0.1912,

0.3264

396.9044, 0.2886,
0.3266

0.3068

0.8483, 0.1213,
0.3014

0.0000, 0.0000,
0.0000

71.3655, 0.2704,
0.3242

71.3655, 0.2704,
0.3242

68.2594, 0.2579,
0.3223

74.9486, 0.2842,
0.3260

65.5966, 0.2469,
0.3204

79.0236, 0.2990,
0.3276

63.3524, 0.2377,
0.3184

83.6150, 0.3144,
0.3292

61.4960, 0.2304,
0.3163

87.5685, 0.3261,
0.3306

■ 59.9924, 0.2251,
0.3143

■ 88.3755, 0.3260,
0.3319

■ 58.8003, 0.2216,
0.3123

■ 89.1888, 0.3258,
0.3333

■ 57.8572, 0.2197,
0.3104

■ 90.0084, 0.3257,
0.3346

■ 57.7595, 0.2195,
0.3101

■ 90.8343, 0.3256,
0.3360

■ 91.6665, 0.3255,
0.3373

Harmonies

Analogous

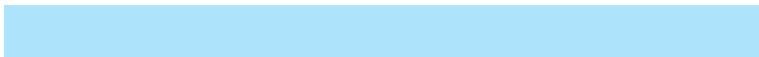
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3655, 0.2869, 0.3480



71.3655, 0.2704, 0.3242



71.3655, 0.2649, 0.3030

Triad

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



71.3655, 0.2704, 0.3242



71.3655, 0.3132, 0.2949



71.3655, 0.3550, 0.3680

Complementary

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



71.3655, 0.2704, 0.3242



49.6265, 0.3755, 0.3337

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.



71.3655, 0.3630, 0.3521



71.3655, 0.2704, 0.3242



71.3655, 0.3383, 0.3107

Square

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



71.3655, 0.2704, 0.3242



71.3655, 0.2888, 0.2873



71.3655, 0.3568, 0.3312



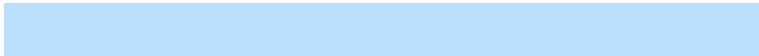
71.3655, 0.3357, 0.3739

Rectangle

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



71.3655, 0.2704, 0.3242



71.3655, 0.2680, 0.2932



71.3655, 0.3568, 0.3312



71.3655, 0.3592, 0.3636

Sweetspot

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



71.3684, 0.2704, 0.3242



95.0401, 0.2988, 0.3276



70.5678, 0.3068, 0.4088



20.1812, 0.2966, 0.3274



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.



71.3684, 0.2704, 0.3242



83.4940, 0.2624, 0.3230



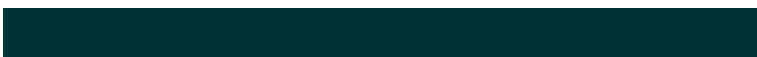
54.4550, 0.2661, 0.2837



16.9601, 0.2981, 0.3275



32.2109, 0.2196, 0.3105



2.5759, 0.2203, 0.3132

Inverse Universe

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



51.1040, 0.3193, 0.2610



55.3259, 0.3210, 0.2465



63.8553, 0.3651, 0.3704



15.2975, 0.3147, 0.3071



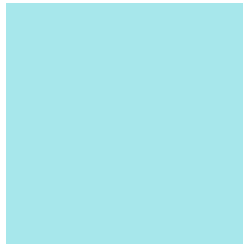
12.7445, 0.3363, 0.1626



1.0054, 0.3340, 0.1613

Previews

White Background



This preview shows how the Yxy color 71.3655, 0.2704, 0.3242 looks on a white background.

Color Contrast Check

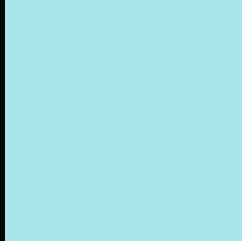
Large Text (above 18pt) WCAG AA × Fail

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 71.3655, 0.2704, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

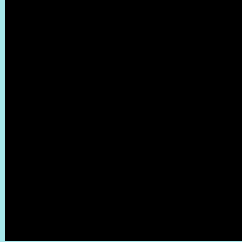
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

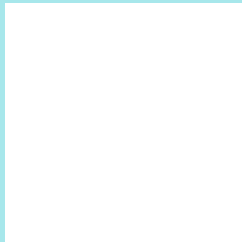
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3655, 0.2704, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 71.3655, 0.2704, 0.3242.

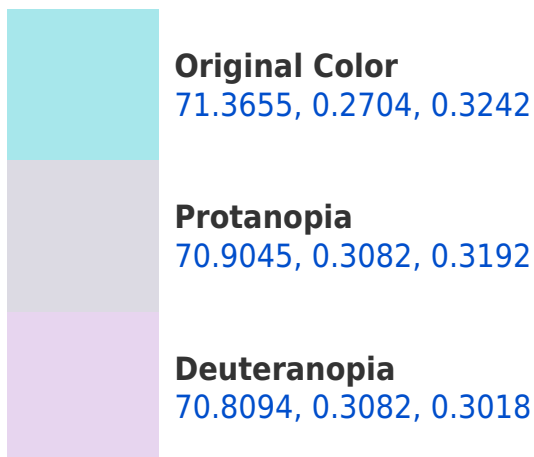


This preview shows how white text looks on a background with the Yxy color 71.3655, 0.2704, 0.3242.

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

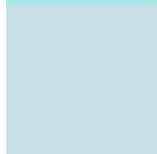
71.3001, 0.2655, 0.3084

Trichromacy



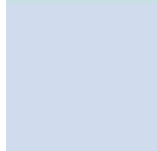
Original Color

71.3655, 0.2704, 0.3242



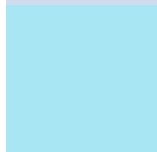
Protanomaly

70.9060, 0.2933, 0.3211



Deuteranomaly

70.7693, 0.2930, 0.3093



Tritanomaly

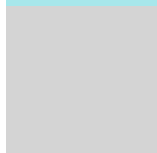
71.4997, 0.2671, 0.3140

Monochromacy



Original Color

71.3655, 0.2704, 0.3242



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

67.5661, 0.2960, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3655, 0.2704, 0.3242 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(167, 231, 235)` looks like.

```
.text, #text, p{  
    color:rgb(167, 231, 235)  
}
```

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(167, 231, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 231, 235) }
```

Border

The CSS property to change the border of an element to Yxy 71.3655, 0.2704, 0.3242 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(167, 231, 235) }
```

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

```
.border{ border-color:rgb(167, 231, 235) }
```

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

Here you see how a box with a 4 pixel rgb(167, 231, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 231, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 231, 235);  
box-shadow:4px 4px 4px 4px rgb(167, 231,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3655, 0.2704, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 231, 235) }
```

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

```
.background{ background-color: rgb(167,  
231, 235) }
```

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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