

Converting Colors

$Yxy(71.4824, 0.2636, 0.3154)$

Have a look what the booklet for
Yxy(71.4824, 0.2636, 0.3154)
contains.

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Color

Yxy(71.3043, 0.2635, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	A2E7F3
RGB	162, 231, 243
RGB Percent	64%, 91%, 95%
CMY	0.3649, 0.0941, 0.0471
CMYK	0.33, 0.05, 0.00, 0.05
HSL	189°, 77%, 79%
HSV	189°, 33%, 95%
XYZ	59.6466, 71.3043, 95.4119
YIQ	211.7370, -44.9760, -10.8960

Conversions

Conversions Part 2

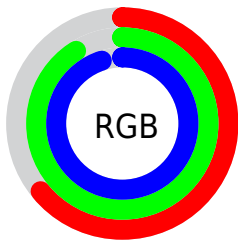
Format	Color
R _Y B	162, 199, 243
Decimal	10676211
CIE Lab	87.63, -18.62, -12.71
CIE LCh	88, 22.542, 214.319
Yxy	71.3043, 0.2635, 0.3150
Android (android.graphics.Color)	4288866291 (0xFFA2E7F3)
YUV	211.7370, 15.4127, -43.6193
Hunter-Lab	84.4419, -21.6875, -7.8832

Details

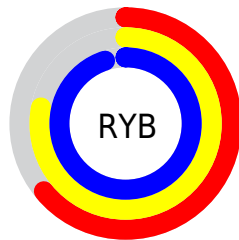
The Yxy color **71.3043, 0.2635, 0.3150** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.9120, 0.3865, 0.3424**, and the grayscale version is **65.5685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **37.3736, 0.2523, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **67.0128, 0.2508, 0.3101**, and if you desaturate by 10%, it is **76.1343, 0.2774, 0.3196**.

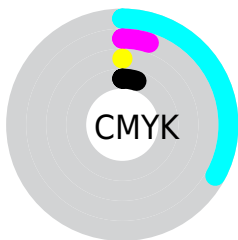
Distribution



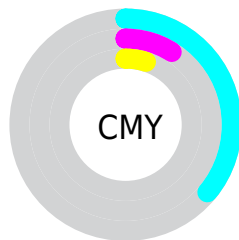
- Red (64%)
- Green (91%)
- Blue (95%)



- Red (64%)
- Yellow (78%)
- Blue (95%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (36%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3043, 0.2635, 0.3150 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 71.3043, 0.2635, 0.3150 by changing the saturation by 10% instead.

 71.3043, 0.2635,
0.3150


 71.3043, 0.2635,
0.3150

465.1165, 0.2860,
0.3219

 52.5906, 0.2585,
0.3133

 121.0669, 0.2712,
0.3175

 37.4760, 0.2523,
0.3112


 152.8846, 0.2742,
0.3184

 25.5763, 0.2445,
0.3084


189.8390, 0.2769,
0.3192

 16.5069, 0.2345,
0.3046

232.3146, 0.2791,
0.3199

 9.8836, 0.2211,
0.2993

280.6958, 0.2812,
0.3205

 5.3218, 0.2024,
0.2912

335.3669, 0.2829,

 2.4373, 0.1747,

0.3211

0.2776

396.7123, 0.2845,
0.3215

0.8450, 0.1065,
0.2582

0.0000, 0.0000,
0.0000

71.3043, 0.2635,
0.3150

71.3043, 0.2635,
0.3150

67.0128, 0.2508,
0.3101

76.1343, 0.2774,
0.3196

63.2228, 0.2395,
0.3051

81.5209, 0.2922,
0.3239

59.9055, 0.2300,
0.2998

87.4913, 0.3075,
0.3278

57.0254, 0.2224,
0.2945

93.2717, 0.3204,
0.3313

■ 54.5415, 0.2168,
0.2892

■ 95.4721, 0.3201,
0.3348

■ 52.4041, 0.2130,
0.2840

■ 97.7151, 0.3199,
0.3382

■ 51.1254, 0.2113,
0.2805

■ 99.2510, 0.3197,
0.3405

Harmonies

Analogous

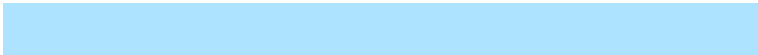
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3043, 0.2774, 0.3408



71.3043, 0.2635, 0.3150



71.3043, 0.2621, 0.2947

Triad

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



71.3043, 0.2635, 0.3150



71.3043, 0.3229, 0.2973



71.3043, 0.3523, 0.3749

Complementary

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



71.3043, 0.2635, 0.3150



51.9120, 0.3865, 0.3424

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.



71.3043, 0.3658, 0.3607



71.3043, 0.2635, 0.3150



71.3043, 0.3486, 0.3165

Square

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



71.3043, 0.2635, 0.3150



71.3043, 0.2954, 0.2857



71.3043, 0.3646, 0.3393



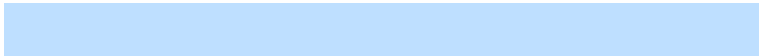
71.3043, 0.3284, 0.3767

Rectangle

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



71.3043, 0.2635, 0.3150



71.3043, 0.2684, 0.2866



71.3043, 0.3646, 0.3393



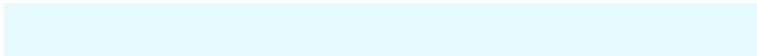
71.3043, 0.3583, 0.3714

Sweetspot

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



71.3071, 0.2635, 0.3150



93.0976, 0.2972, 0.3252



74.7858, 0.3022, 0.4150



19.7306, 0.2951, 0.3246



0.0000, 0.0000, 0.0000



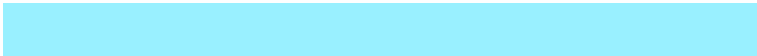
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3071, 0.2635, 0.3150



76.2618, 0.2548, 0.3117



51.7036, 0.2573, 0.2669



18.3156, 0.2980, 0.3254



28.2166, 0.2115, 0.2813



2.5913, 0.2133, 0.2879

Inverse Universe

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



50.6504, 0.3265, 0.2572



50.3286, 0.3299, 0.2429



69.3932, 0.3726, 0.3839



16.7237, 0.3161, 0.3091



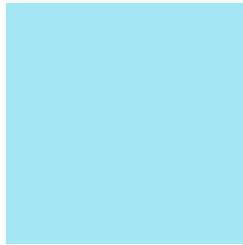
12.9479, 0.3622, 0.1769



1.1492, 0.3562, 0.1736

Previews

White Background



This preview shows how the Yxy color 71.3043, 0.2635, 0.3150 looks on a white background.

Color Contrast Check

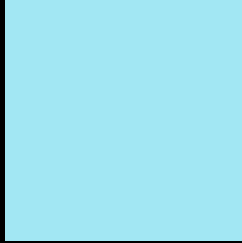
Large Text (above 18pt) WCAG AA × Fail

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 71.3043, 0.2635, 0.3150 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 71.3043, 0.2635, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 71.3043, 0.2635, 0.3150.

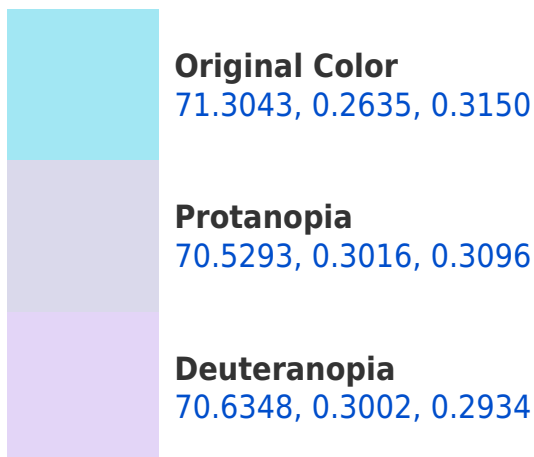


This preview shows how white text looks on a background with the Yxy color 71.3043, 0.2635, 0.3150.

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

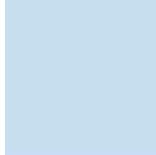
71.2197, 0.2609, 0.3071

Trichromacy



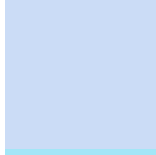
Original Color

71.3043, 0.2635, 0.3150



Protanomaly

70.4214, 0.2865, 0.3111



Deuteranomaly

70.5367, 0.2849, 0.3006



Tritanomaly

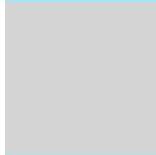
71.0956, 0.2619, 0.3093

Monochromacy



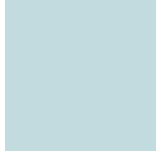
Original Color

71.3043, 0.2635, 0.3150



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

67.4601, 0.2928, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3043, 0.2635, 0.3150 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(162, 231, 243)` looks like.

```
.text, #text, p{  
    color:rgb(162, 231, 243)  
}
```

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(162, 231, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 231, 243) }
```

Border

The CSS property to change the border of an element to Yxy 71.3043, 0.2635, 0.3150 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(162, 231, 243) }
```

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

```
.border{ border-color:rgb(162, 231, 243) }
```

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

Here you see how a box with a 4 pixel rgb(162, 231, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 231, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 231, 243);  
box-shadow:4px 4px 4px 4px rgb(162, 231,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3043, 0.2635, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 231, 243) }
```

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

```
.background{ background-color: rgb(162,  
231, 243) }
```

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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