

Converting Colors

$Yxy(71.6183, 0.2967, 0.3812)$

Have a look what the booklet for
Yxy(71.6183, 0.2967, 0.3812)
contains.

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Color

Yxy(71.7685, 0.2963, 0.3810)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | AAEBC0 |
| RGB | 170, 235, 192 |
| RGB Percent | 67%, 92%, 75% |
| CMY | 0.3330, 0.0785, 0.2470 |
| CMYK | 0.28, 0.00, 0.18, 0.08 |
| HSL | 140°, 62%, 79% |
| HSV | 140°, 28%, 92% |
| XYZ | 55.8137, 71.7685, 60.7866 |
| YIQ | 210.6630, -24.9370, -27.1530 |

Conversions

Conversions Part 2

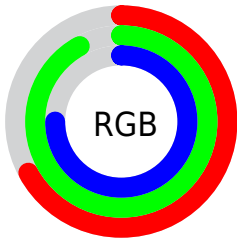
| Format | Color |
|-------------------------------------|---|
| RYB | 170, 219, 235 |
| Decimal | 11201472 |
| CIELab | 87.86, -28.96, 14.38 |
| CIELCh | 88, 32.333, 153.589 |
| Yxy | 71.7685, 0.2963, 0.3810 |
| Android (android.graphics.Color) | 4289391552 (0xFFAAEBC0) |
| YUV | 210.6630, -9.2009, -35.6615 |
| Hunter-Lab | 84.7163, -30.6523, 16.7590 |

Details

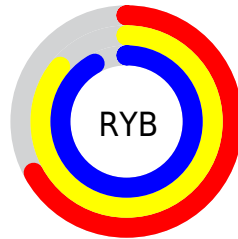
The Yxy color **71.7685, 0.2963, 0.3810** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.2461, 0.3341, 0.2822**, and the grayscale version is **64.9937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4661, 0.2990, 0.3360**, and **37.7882, 0.2921, 0.3954** is the 20% darker color. If you saturate the color by 10%, you get **68.7272, 0.2910, 0.4037**, and if you desaturate by 10%, it is **75.3568, 0.3021, 0.3603**.

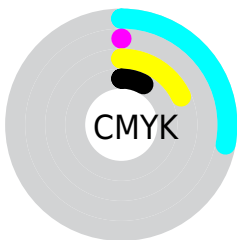
Distribution



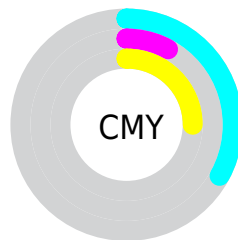
- Red (67%)
- Green (92%)
- Blue (75%)



- Red (67%)
- Yellow (86%)
- Blue (92%)



- Cyan (28%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)





- Cyan (33%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7685, 0.2963, 0.3810 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 71.7685, 0.2963, 0.3810 by changing the saturation by 10% instead.

 71.7685, 0.2963,
0.3810

 71.7685, 0.2963,
0.3810


466.7354, 0.3044,
0.3560

 52.9696, 0.2943,
0.3870


 121.7273, 0.2992,
0.3721

 37.7785, 0.2919,
0.3945


153.6561, 0.3003,
0.3687

 25.8108, 0.2886,
0.4042


190.7302, 0.3012,
0.3658

 16.6822, 0.2841,
0.4173

233.3341, 0.3020,
0.3633

 10.0081, 0.2777,
0.4358

281.8522, 0.3027,
0.3611

 5.4044, 0.2678,
0.4640


336.6688, 0.3033,

 2.4864, 0.2503,

0.3592


398.1684, 0.3039,
0.3575

0.5114


 0.8698, 0.1211,
0.8789


 0.0000, 0.0000,
0.0000


 71.7685, 0.2963,
0.3810


 71.7685, 0.2963,
0.3810


 68.7272, 0.2910,
0.4037


 75.3568, 0.3021,
0.3603


 66.1968, 0.2866,
0.4281

 79.5085, 0.3081,
0.3417

 64.1507, 0.2833,
0.4537

 84.2500, 0.3142,
0.3253

 62.5560, 0.2814,
0.4796

 87.8418, 0.3141,
0.3104

■ 61.3760, 0.2812,
0.5047

■ 87.8903, 0.3136,
0.3097

■ 60.5672, 0.2829,
0.5280

■ 60.0725, 0.2861,
0.5483

■ 59.9808, 0.2869,
0.5527

Harmonies

Analogous

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



71.7685, 0.3352, 0.3986



71.7685, 0.2963, 0.3810



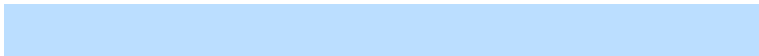
71.7685, 0.2632, 0.3466

Triad

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



71.7685, 0.2963, 0.3810



71.7685, 0.2567, 0.2664



71.7685, 0.3870, 0.3417

Complementary

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



71.7685, 0.2963, 0.3810



51.2461, 0.3341, 0.2822

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.



71.7685, 0.3633, 0.3102



71.7685, 0.2963, 0.3810



71.7685, 0.2868, 0.2683

Square

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



71.7685, 0.2963, 0.3810



71.7685, 0.2415, 0.2802



71.7685, 0.3259, 0.2841



71.7685, 0.3890, 0.3722

Rectangle

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



71.7685, 0.2963, 0.3810



71.7685, 0.2484, 0.3209



71.7685, 0.3259, 0.2841



71.7685, 0.3813, 0.3310

Sweetspot

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



71.7715, 0.2963, 0.3810



95.4946, 0.3078, 0.3425



76.5144, 0.3387, 0.4017



20.2694, 0.3069, 0.3451



0.0000, 0.0000, 0.0000



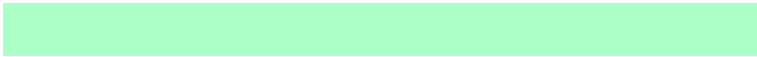
21.4041, 0.3127, 0.3290

Same Dimension

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



71.7715, 0.2963, 0.3810



84.2979, 0.2933, 0.3933



73.3562, 0.2783, 0.3415



16.9462, 0.3070, 0.3450



33.4070, 0.2861, 0.5498



2.6406, 0.2783, 0.5218

Inverse Universe

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



51.2461, 0.3341, 0.2822



55.8512, 0.3396, 0.2726



49.7712, 0.3629, 0.3170



15.2222, 0.3190, 0.3135



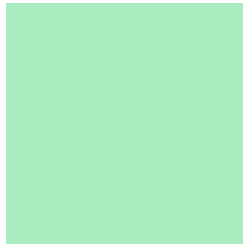
11.1827, 0.4290, 0.2137



0.8959, 0.4102, 0.2033

Previews

White Background



This preview shows how the Yxy color 71.7685, 0.2963, 0.3810 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 71.7685, 0.2963, 0.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

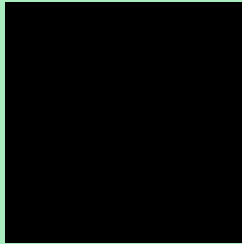
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

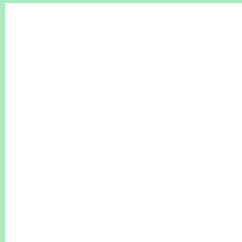
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7685, 0.2963, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 71.7685, 0.2963, 0.3810.

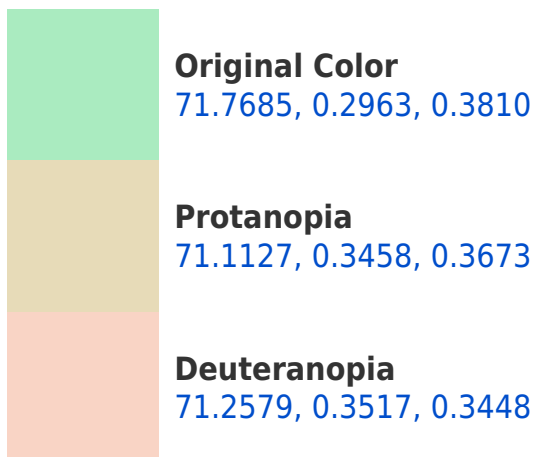


This preview shows how white text looks on a background with the Yxy color 71.7685, 0.2963, 0.3810.

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

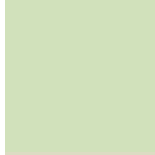
71.8439, 0.2715, 0.3086

Trichromacy



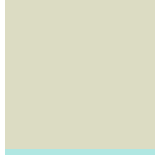
Original Color

71.7685, 0.2963, 0.3810



Protanomaly

70.9936, 0.3262, 0.3724



Deuteranomaly

70.3422, 0.3296, 0.3569



Tritanomaly

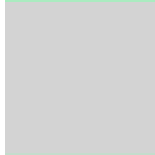
71.8729, 0.2804, 0.3347

Monochromacy



Original Color

71.7685, 0.2963, 0.3810



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.2818, 0.3062, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7685, 0.2963, 0.3810 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(170, 235, 192)` looks like.

```
.text, #text, p{  
    color:rgb(170, 235, 192)  
}
```

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(170, 235, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 235, 192) }
```

Border

The CSS property to change the border of an element to Yxy 71.7685, 0.2963, 0.3810 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(170, 235, 192) }
```

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

```
.border{ border-color:rgb(170, 235, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 235, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 235, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 235, 192);  
box-shadow:4px 4px 4px 4px rgb(170, 235,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7685, 0.2963, 0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 235, 192) }
```

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

```
.background{ background-color: rgb(170,  
235, 192) }
```

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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