

Converting Colors

$Yxy(76.1889, 0.2933, 0.3826)$

Have a look what the booklet for
Yxy(76.1889, 0.2933, 0.3826)
contains.

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Color

Yxy(76.0815, 0.2936, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	AAF2C5
RGB	170, 242, 197
RGB Percent	67%, 95%, 77%
CMY	0.3335, 0.0509, 0.2275
CMYK	0.30, 0.00, 0.19, 0.05
HSL	143°, 74%, 81%
HSV	143°, 30%, 95%
XYZ	58.3988, 76.0815, 64.4256
YIQ	215.3420, -28.4670, -29.2590

Conversions

Conversions Part 2

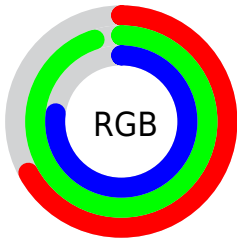
Format	Color
RYB	170, 222, 242
Decimal	11203269
CIELab	89.90, -31.39, 14.68
CIElCh	90, 34.647, 154.938
Yxy	76.0815, 0.2936, 0.3825
Android (android.graphics.Color)	4289393349 (0xFFAAF2C5)
YUV	215.3420, -9.0426, -39.7649
Hunter-Lab	87.2247, -33.1338, 17.2647

Details

The Yxy color **76.0815, 0.2936, 0.3825** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **52.5157, 0.3385, 0.2811**, and the grayscale version is **68.2704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0067, 0.2963, 0.3300**, and **40.8140, 0.2890, 0.3969** is the 20% darker color. If you saturate the color by 10%, you get **72.9734, 0.2881, 0.4043**, and if you desaturate by 10%, it is **79.7618, 0.2998, 0.3626**.

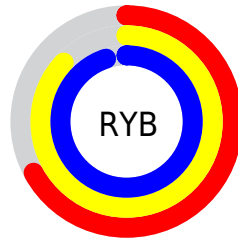
Distribution



Red (67%)

Green (95%)

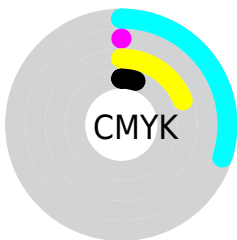
Blue (77%)



Red (67%)

Yellow (87%)

Blue (95%)

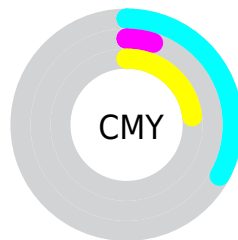


Cyan (30%)

Magenta (0%)

Yellow (19%)

Black (5%)



Cyan (33%)


Magenta (5%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0815, 0.2936, 0.3825 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 76.0815, 0.2936, 0.3825 by changing the saturation by 10% instead.


 76.0815, 0.2936,
0.3825

 76.0815, 0.2936,
0.3825

481.6266, 0.3028,
0.3570

 56.4993, 0.2914,
0.3885


 127.8421, 0.2969,
0.3735

 40.6034, 0.2886,
0.3961


160.7893, 0.2981,
0.3700

 28.0093, 0.2850,
0.4058


198.9604, 0.2992,
0.3671

 18.3327, 0.2801,
0.4188

242.7396, 0.3001,
0.3645

 11.1891, 0.2732,
0.4369

292.5115, 0.3009,
0.3623

 6.1942, 0.2627,
0.4641

348.6604, 0.3017,

 2.9635, 0.2450,


0.3603


0.5089

411.5706, 0.3023,
0.3585


 1.1127, 0.1770,
0.7156

 0.0000, 0.0000,
0.0000


 76.0815, 0.2936,
0.3825

 76.0815, 0.2936,
0.3825


 72.9734, 0.2881,
0.4043


 79.7618, 0.2998,
0.3626


 70.3988, 0.2835,
0.4276

 84.0321, 0.3062,
0.3446

 68.3287, 0.2802,
0.4519

 88.9208, 0.3129,
0.3287

 66.7276, 0.2785,
0.4765

 91.9932, 0.3133,
0.3166

■ 65.5549, 0.2786,
0.5004

■ 64.7629, 0.2806,
0.5227

■ 64.2747, 0.2840,
0.5424

■ 64.2654, 0.2841,
0.5428

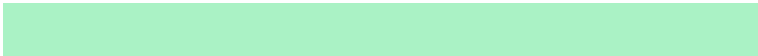
Harmonies

Analogous

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



76.0815, 0.3344, 0.4020



76.0815, 0.2936, 0.3825



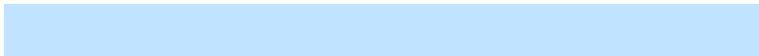
76.0815, 0.2594, 0.3456

Triad

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



76.0815, 0.2936, 0.3825



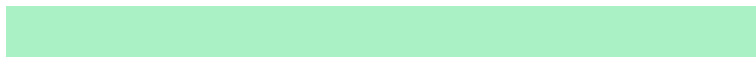
76.0815, 0.2551, 0.2632



76.0815, 0.3914, 0.3436

Complementary

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



76.0815, 0.2936, 0.3825



52.5157, 0.3385, 0.2811

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.



76.0815, 0.3674, 0.3106



76.0815, 0.2936, 0.3825



76.0815, 0.2872, 0.2660

Square

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



76.0815, 0.2936, 0.3825



76.0815, 0.2384, 0.2767



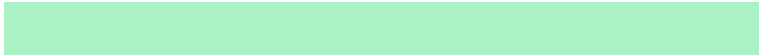
76.0815, 0.3284, 0.2830



76.0815, 0.3924, 0.3755

Rectangle

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



76.0815, 0.2936, 0.3825



76.0815, 0.2445, 0.3186



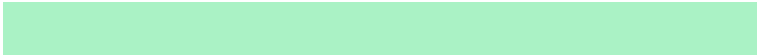
76.0815, 0.3284, 0.2830



76.0815, 0.3858, 0.3324

Sweetspot

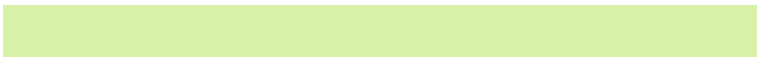
The Sweet Spot groups the original color and five complimentary colors.



76.0847, 0.2936, 0.3825



95.0149, 0.3067, 0.3434



80.9504, 0.3390, 0.4083



20.1761, 0.3058, 0.3458



0.0000, 0.0000, 0.0000



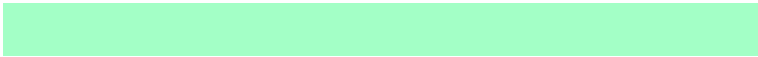
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0847, 0.2936, 0.3825



83.3887, 0.2900, 0.3961



77.9031, 0.2746, 0.3399



17.7545, 0.3065, 0.3441



34.5434, 0.2833, 0.5398



2.8924, 0.2759, 0.5132

Inverse Universe

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



52.5157, 0.3385, 0.2811



52.7220, 0.3458, 0.2706



50.8882, 0.3705, 0.3186



15.9250, 0.3195, 0.3144



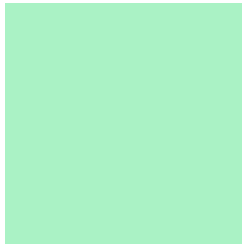
11.3720, 0.4439, 0.2219



0.9653, 0.4234, 0.2106

Previews

White Background



This preview shows how the Yxy color 76.0815, 0.2936, 0.3825 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 76.0815, 0.2936, 0.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

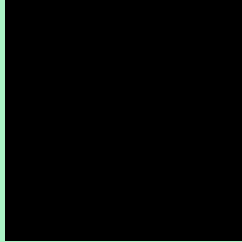
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0815, 0.2936, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 76.0815, 0.2936, 0.3825.

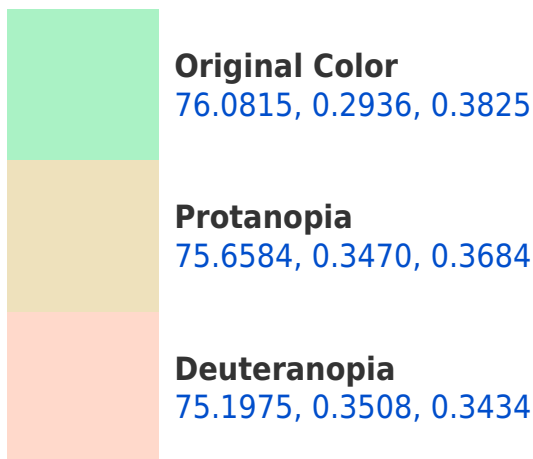


This preview shows how white text looks on a background with the Yxy color 76.0815, 0.2936, 0.3825.

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

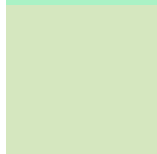
75.7612, 0.2691, 0.3079

Trichromacy



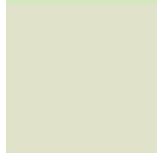
Original Color

76.0815, 0.2936, 0.3825



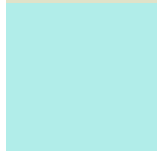
Protanomaly

75.0595, 0.3258, 0.3738



Deuteranomaly

74.4571, 0.3277, 0.3563



Tritanomaly

75.7987, 0.2777, 0.3334

Monochromacy



Original Color

76.0815, 0.2936, 0.3825



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

70.5466, 0.3056, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0815, 0.2936, 0.3825 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, 242, 197)` looks like.

```
.text, #text, p{  
    color:rgb(170, 242, 197)  
}
```

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, 242, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 242, 197) }
```

Border

The CSS property to change the border of an element to Yxy 76.0815, 0.2936, 0.3825 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, 242, 197) }
```

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

```
.border{ border-color:rgb(170, 242, 197) }
```

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

Here you see how a box with a 4 pixel rgb(170, 242, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 242, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 242, 197);  
box-shadow:4px 4px 4px 4px rgb(170, 242,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0815, 0.2936, 0.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 242, 197) }
```

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

```
.background{ background-color: rgb(170,  
242, 197) }
```

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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