

Converting Colors

$Yxy(75.1582, 0.2986, 0.3804)$

Have a look what the booklet for
Yxy(75.1582, 0.2986, 0.3804)
contains.

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Color

Yxy(75.0656, 0.2983, 0.3798)

Conversions

Conversions Part 1

Format	Color
Hex	B1EFC4
RGB	177, 239, 196
RGB Percent	69%, 94%, 77%
CMY	0.3060, 0.0627, 0.2313
CMYK	0.26, 0.00, 0.18, 0.06
HSL	138°, 66%, 82%
HSV	138°, 26%, 94%
XYZ	58.9575, 75.0656, 63.6220
YIQ	215.5600, -23.1490, -26.5170

Conversions

Conversions Part 2

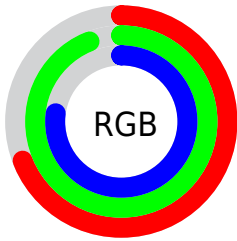
Format	Color
RYB	177, 224, 239
Decimal	11661252
CIELab	89.42, -27.99, 14.56
CIELCh	89, 31.554, 152.518
Yxy	75.0656, 0.2983, 0.3798
Android (android.graphics.Color)	4289851332 (0xFFB1EFC4)
YUV	215.5600, -9.6431, -33.8171
Hunter-Lab	86.6404, -30.1541, 17.1103

Details

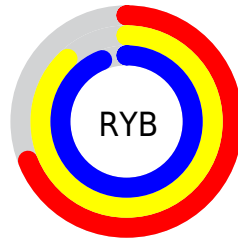
The Yxy color **75.0656, 0.2983, 0.3798** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.9464, 0.3310, 0.2831**, and the grayscale version is **68.4310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1043, 0.3010, 0.3309**, and **40.0309, 0.2947, 0.3934** is the 20% darker color. If you saturate the color by 10%, you get **71.7913, 0.2933, 0.4033**, and if you desaturate by 10%, it is **78.9209, 0.3037, 0.3584**.

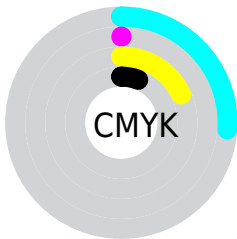
Distribution



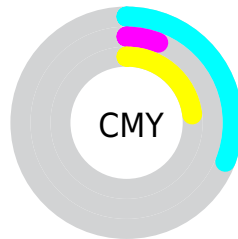
- Red (69%)
- Green (94%)
- Blue (77%)



- Red (69%)
- Yellow (88%)
- Blue (94%)



- Cyan (26%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)




- Cyan (31%)
- Magenta (6%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0656, 0.2983, 0.3798 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 75.0656, 0.2983, 0.3798 by changing the saturation by 10% instead.

 75.0656, 0.2983,
0.3798

 75.0656, 0.2983,
0.3798


478.1430, 0.3054,
0.3556

 55.6666, 0.2966,
0.3855


 126.4052, 0.3008,
0.3712

 39.9357, 0.2944,
0.3927

159.1147, 0.3018,
0.3680

 27.4884, 0.2916,
0.4019


197.0297, 0.3026,
0.3651

 17.9404, 0.2878,
0.4143

240.5348, 0.3033,
0.3627

 10.9072, 0.2822,
0.4316

290.0142, 0.3039,
0.3606

 6.0045, 0.2737,
0.4575


345.8525, 0.3045,

 2.8478, 0.2590,

0.3587

0.5003


408.4340, 0.3049,
0.3570


 1.0528, 0.2084,
0.7119

 0.0000, 0.0000,
0.0000


 75.0656, 0.2983,
0.3798

 75.0656, 0.2983,
0.3798


 71.7913, 0.2933,
0.4033


 78.9209, 0.3037,
0.3584


 69.0602, 0.2890,
0.4287

 83.3741, 0.3094,
0.3393

 66.8447, 0.2857,
0.4553

 88.4529, 0.3150,
0.3224

 65.1108, 0.2837,
0.4822

 90.2192, 0.3134,
0.3136

■ 63.8203, 0.2834,
0.5084

■ 62.9290, 0.2848,
0.5324

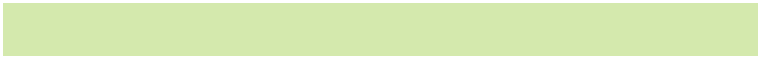
■ 62.3826, 0.2877,
0.5532

■ 62.2261, 0.2890,
0.5605

Harmonies

Analogous

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



75.0656, 0.3358, 0.3960



75.0656, 0.2983, 0.3798



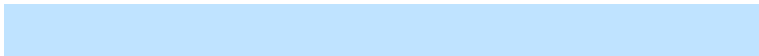
75.0656, 0.2660, 0.3472

Triad

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



75.0656, 0.2983, 0.3798



75.0656, 0.2580, 0.2689



75.0656, 0.3836, 0.3403

Complementary

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



75.0656, 0.2983, 0.3798



54.9464, 0.3310, 0.2831

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.



75.0656, 0.3602, 0.3099



75.0656, 0.2983, 0.3798



75.0656, 0.2866, 0.2702

Square

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



75.0656, 0.2983, 0.3798



75.0656, 0.2438, 0.2829



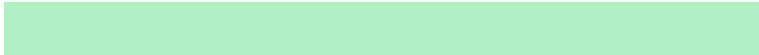
75.0656, 0.3241, 0.2850



75.0656, 0.3864, 0.3698

Rectangle

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



75.0656, 0.2983, 0.3798



75.0656, 0.2513, 0.3226



75.0656, 0.3241, 0.2850



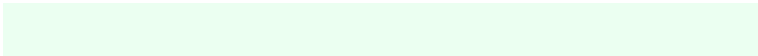
75.0656, 0.3779, 0.3299

Sweetspot

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



75.0687, 0.2983, 0.3798



95.4572, 0.3082, 0.3431



80.1896, 0.3387, 0.3968



20.2601, 0.3073, 0.3459



0.0000, 0.0000, 0.0000



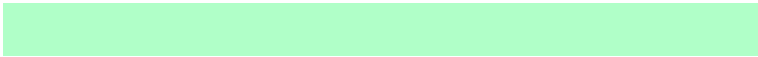
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0687, 0.2983, 0.3798



84.9256, 0.2956, 0.3917



76.6060, 0.2813, 0.3431



17.7364, 0.3074, 0.3458



34.4046, 0.2883, 0.5578



2.8793, 0.2810, 0.5315

Inverse Universe

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



54.9464, 0.3310, 0.2831



58.0442, 0.3355, 0.2738



53.4724, 0.3572, 0.3155



15.9439, 0.3185, 0.3128



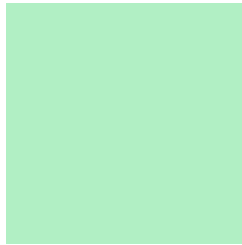
11.6781, 0.4173, 0.2072



0.9892, 0.4015, 0.1985

Previews

White Background



This preview shows how the Yxy color 75.0656, 0.2983, 0.3798 looks on a white background.

Color Contrast Check

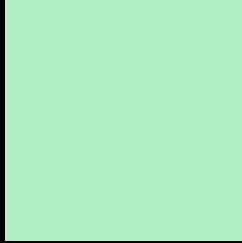
Large Text (above 18pt) WCAG AA × Fail

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 75.0656, 0.2983, 0.3798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

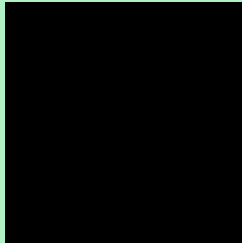
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

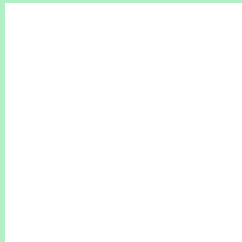
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0656, 0.2983, 0.3798

Background



This preview shows how black text looks on a background with the Yxy color 75.0656, 0.2983, 0.3798.

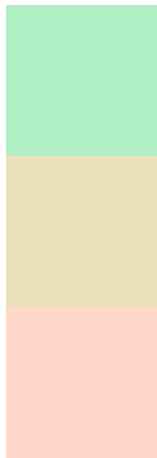


This preview shows how white text looks on a background with the Yxy color 75.0656, 0.2983, 0.3798.

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



Original Color

75.0656, 0.2983, 0.3798

Protanopia

74.2391, 0.3459, 0.3666

Deuteranopia

74.3996, 0.3517, 0.3445



Tritanopia

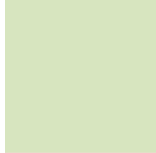
75.1801, 0.2738, 0.3091

Trichromacy



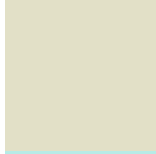
Original Color

75.0656, 0.2983, 0.3798



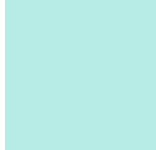
Protanomaly

74.2473, 0.3275, 0.3715



Deuteranomaly

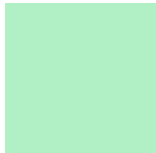
73.6036, 0.3308, 0.3563



Tritanomaly

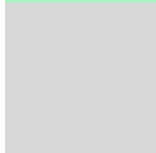
75.1971, 0.2826, 0.3346

Monochromacy



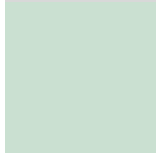
Original Color

75.0656, 0.2983, 0.3798



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.4713, 0.3070, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0656, 0.2983, 0.3798 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(177, 239, 196)` looks like.

```
.text, #text, p{  
    color:rgb(177, 239, 196)  
}
```

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(177, 239, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 239, 196) }
```

Border

The CSS property to change the border of an element to Yxy 75.0656, 0.2983, 0.3798 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(177, 239, 196) }
```

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

```
.border{ border-color:rgb(177, 239, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 239, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 239, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 239, 196);  
box-shadow:4px 4px 4px 4px rgb(177, 239,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0656, 0.2983, 0.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 239, 196) }
```

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

```
.background{ background-color: rgb(177,  
239, 196) }
```

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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