

Converting Colors

$Yxy(75.0085, 0.3163, 0.4136)$

Have a look what the booklet for
Yxy(75.0085, 0.3163, 0.4136)
contains.

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Color

Yxy(75.0085, 0.3163, 0.4136)

Conversions

Conversions Part 1

Format	Color
Hex	B5F0A9
RGB	181, 240, 169
RGB Percent	71%, 94%, 66%
CMY	0.2905, 0.0587, 0.3373
CMYK	0.25, 0.00, 0.30, 0.06
HSL	110°, 70%, 80%
HSV	110°, 30%, 94%
XYZ	57.3626, 75.0085, 48.9840
YIQ	214.2650, -12.3730, -34.5890

Conversions

Conversions Part 2

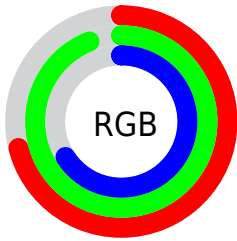
Format	Color
RYB	169, 240, 228
Decimal	11923625
CIELab	89.40, -31.76, 28.47
CIELCh	89, 42.652, 138.124
Yxy	75.0085, 0.3163, 0.4136
Android (android.graphics.Color)	4290113705 (0xFFB5F0A9)
YUV	214.2650, -22.3156, -29.1734
Hunter-Lab	86.6074, -33.3373, 27.0916

Details

The Yxy color **75.0085, 0.3163, 0.4136** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.1729, 0.3064, 0.2531**, and the grayscale version is **67.5833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1334, 0.3194, 0.3592**, and **40.0540, 0.3163, 0.4362** is the 20% darker color. If you saturate the color by 10%, you get **71.9492, 0.3168, 0.4472**, and if you desaturate by 10%, it is **78.5856, 0.3154, 0.3822**.

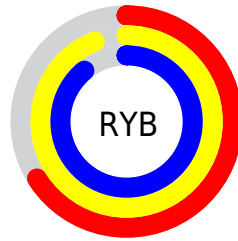
Distribution



Red (71%)

Green (94%)

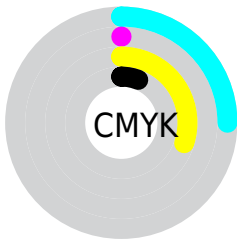
Blue (66%)



Red (66%)

Yellow (94%)

Blue (89%)

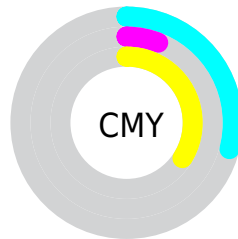


Cyan (25%)

Magenta (0%)

Yellow (30%)

Black (6%)



Cyan (29%)

Magenta (6%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0085, 0.3163, 0.4136 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 75.0085, 0.3163, 0.4136 by changing the saturation by 10% instead.


 75.0085, 0.3163,
0.4136

 75.0085, 0.3163,
0.4136


477.9468, 0.3157,
0.3728

 55.6199, 0.3161,
0.4233


 126.3244, 0.3163,
0.3991

 39.8982, 0.3157,
0.4354


159.0204, 0.3163,
0.3936

 27.4592, 0.3149,
0.4511


196.9211, 0.3162,
0.3889

 17.9184, 0.3134,
0.4720

240.4107, 0.3161,
0.3848

 10.8914, 0.3103,
0.5010

289.8736, 0.3160,
0.3812

 5.9939, 0.3038,
0.5437


345.6944, 0.3159,

 2.8413, 0.2960,


0.3781


0.6273

408.2573, 0.3158,
0.3753


 1.0495, 0.1690,
0.8310

 0.0000, 0.0000,
0.0000


 75.0085, 0.3163,
0.4136


 75.0085, 0.3163,
0.4136


 71.9492, 0.3168,
0.4472


 78.5856, 0.3154,
0.3822


 69.3745, 0.3166,
0.4816

 82.6931, 0.3141,
0.3536

 67.2618, 0.3156,
0.5151

 87.3551, 0.3127,
0.3280

 65.5831, 0.3137,
0.5452

 90.8133, 0.3134,
0.3146

■ 64.3073, 0.3111,
0.5696

■ 63.3987, 0.3079,
0.5866

■ 62.8096, 0.3046,
0.5961

■ 62.7909, 0.3045,
0.5964

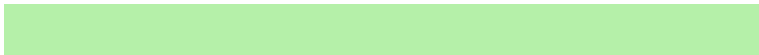
Harmonies

Analogous

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



75.0085, 0.3653, 0.4201



75.0085, 0.3163, 0.4136



75.0085, 0.2686, 0.3773

Triad

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



75.0085, 0.3163, 0.4136



75.0085, 0.2286, 0.2550



75.0085, 0.3968, 0.3230

Complementary

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



75.0085, 0.3163, 0.4136



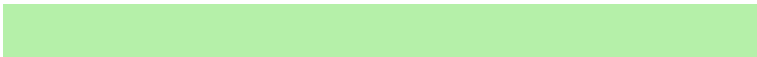
51.1729, 0.3064, 0.2531

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.



75.0085, 0.3544, 0.2864



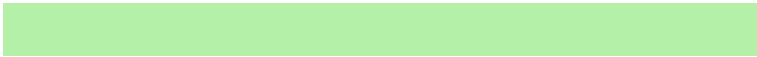
75.0085, 0.3163, 0.4136



75.0085, 0.2572, 0.2482

Square

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



75.0085, 0.3163, 0.4136



75.0085, 0.2206, 0.2818



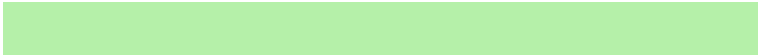
75.0085, 0.3024, 0.2598



75.0085, 0.4144, 0.3633

Rectangle

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



75.0085, 0.3163, 0.4136



75.0085, 0.2437, 0.3436



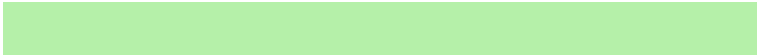
75.0085, 0.3024, 0.2598



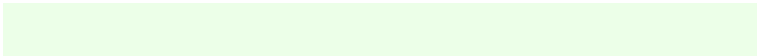
75.0085, 0.3848, 0.3101

Sweetspot

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



75.0117, 0.3163, 0.4136



95.1657, 0.3140, 0.3520



76.3312, 0.3611, 0.3905



20.2126, 0.3142, 0.3560



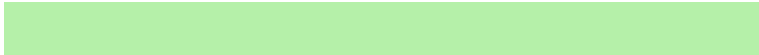
0.0000, 0.0000, 0.0000



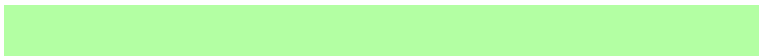
21.4041, 0.3127, 0.3290

Same Dimension

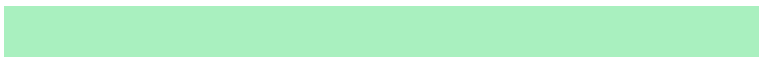
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0117, 0.3163, 0.4136



83.7101, 0.3167, 0.4353



74.5499, 0.2960, 0.3873



17.7839, 0.3141, 0.3532



34.4039, 0.3052, 0.5959



2.8989, 0.3128, 0.5899

Inverse Universe

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



51.1729, 0.3064, 0.2531



51.9371, 0.3044, 0.2361



51.9381, 0.3347, 0.2772



15.8892, 0.3111, 0.3055



10.1927, 0.2788, 0.1309



0.8832, 0.2846, 0.1342

Previews

White Background



This preview shows how the Yxy color 75.0085, 0.3163, 0.4136 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 75.0085, 0.3163, 0.4136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

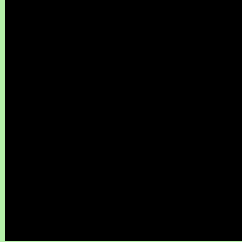
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0085, 0.3163, 0.4136

Background



This preview shows how black text looks on a background with the Yxy color 75.0085, 0.3163, 0.4136.

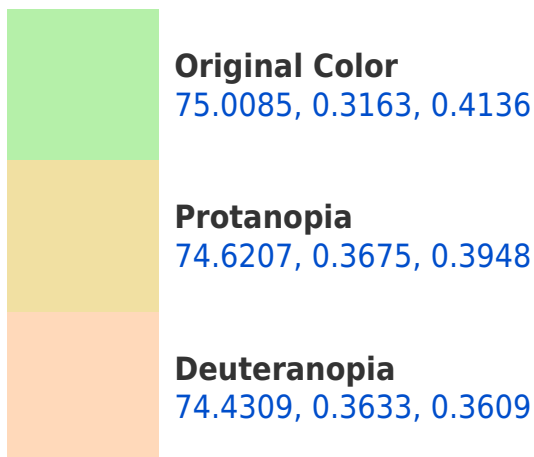


This preview shows how white text looks on a background with the Yxy color 75.0085, 0.3163, 0.4136.

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

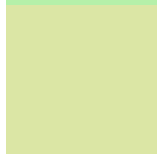
74.8403, 0.2788, 0.3092

Trichromacy



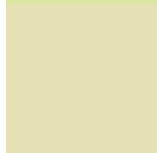
Original Color

75.0085, 0.3163, 0.4136



Protanomaly

74.3703, 0.3471, 0.4015



Deuteranomaly

73.6397, 0.3450, 0.3783



Tritanomaly

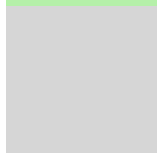
74.7789, 0.2924, 0.3460

Monochromacy



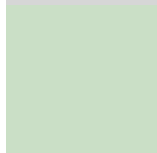
Original Color

75.0085, 0.3163, 0.4136



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.4091, 0.3142, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0085, 0.3163, 0.4136 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(181, 240, 169)` looks like.

```
.text, #text, p{  
    color:rgb(181, 240, 169)  
}
```

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(181, 240, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 240, 169) }
```

Border

The CSS property to change the border of an element to Yxy 75.0085, 0.3163, 0.4136 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(181, 240, 169) }
```

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

```
.border{ border-color:rgb(181, 240, 169) }
```

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

Here you see how a box with a 4 pixel rgb(181, 240, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 240, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 240, 169);  
box-shadow:4px 4px 4px 4px rgb(181, 240,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0085, 0.3163, 0.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 240, 169) }
```

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

```
.background{ background-color: rgb(181,  
240, 169) }
```

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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