

Converting Colors

$Yxy(70.0482, 0.3057, 0.3795)$

Have a look what the booklet for
Yxy(70.0482, 0.3057, 0.3795)
contains.

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Color

Yxy(70.0482, 0.3057, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	B5E6BC
RGB	181, 230, 188
RGB Percent	71%, 90%, 74%
CMY	0.2902, 0.0980, 0.2629
CMYK	0.21, 0.00, 0.18, 0.10
HSL	129°, 50%, 81%
HSV	129°, 21%, 90%
XYZ	56.4262, 70.0482, 58.1059
YIQ	210.5610, -15.7220, -23.4500

Conversions

Conversions Part 2

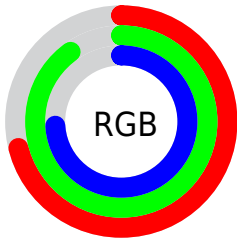
Format	Color
RYB	181, 224, 230
Decimal	11921084
CIELab	87.02, -23.83, 15.40
CIELCh	87, 28.369, 147.129
Yxy	70.0482, 0.3057, 0.3795
Android (android.graphics.Color)	4290111164 (0xFFB5E6BC)
YUV	210.5610, -11.1226, -25.9250
Hunter-Lab	83.6948, -26.1230, 17.4238

Details

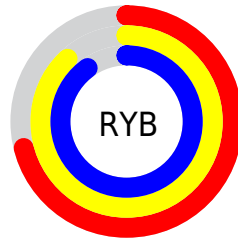
The Yxy color **70.0482, 0.3057, 0.3795** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.1997, 0.3206, 0.2833**, and the grayscale version is **64.9187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0562, 0.3079, 0.3399**, and **36.5334, 0.3030, 0.3917** is the 20% darker color. If you saturate the color by 10%, you get **66.7032, 0.3025, 0.4077**, and if you desaturate by 10%, it is **73.9744, 0.3090, 0.3542**.

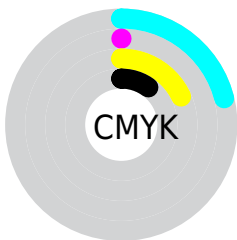
Distribution



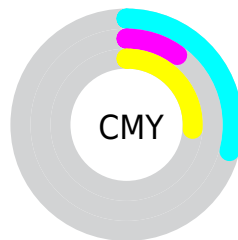
- Red (71%)
- Green (90%)
- Blue (74%)



- Red (71%)
- Yellow (88%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)





- Cyan (29%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0482, 0.3057, 0.3795 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 70.0482, 0.3057, 0.3795 by changing the saturation by 10% instead.


 70.0482, 0.3057,
0.3795

 70.0482, 0.3057,
0.3795

460.7192, 0.3094,
0.3551

 51.5658, 0.3047,
0.3853


 119.2775, 0.3071,
0.3708

 36.6591, 0.3035,
0.3926


150.7932, 0.3076,
0.3675

 24.9437, 0.3018,
0.4021


187.4221, 0.3080,
0.3647

 16.0351, 0.2994,
0.4149

229.5487, 0.3084,
0.3623

 9.5490, 0.2958,
0.4330

277.5573, 0.3087,
0.3602

 5.1010, 0.2898,
0.4606


331.8323, 0.3089,

 2.3066, 0.2783,


0.3583


0.5073


392.7582, 0.3092,
0.3566

 0.7772, 0.1681,
0.8319


 0.0000, 0.0000,
0.0000


 70.0482, 0.3057,
0.3795


 70.0482, 0.3057,
0.3795


 66.7032, 0.3025,
0.4077

 73.9744, 0.3090,
0.3542


 63.9032, 0.2995,
0.4382

 78.4984, 0.3123,
0.3317

 61.6220, 0.2970,
0.4701

 83.6469, 0.3154,
0.3121

 59.8273, 0.2952,
0.5020

 85.0784, 0.3138,
0.3049

■ 58.4832, 0.2943,
0.5319

■ 57.5490, 0.2945,
0.5578

■ 56.9763, 0.2957,
0.5778

■ 56.7067, 0.2972,
0.5899

Harmonies

Analogous

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



70.0482, 0.3401, 0.3911



70.0482, 0.3057, 0.3795



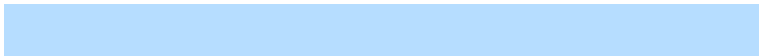
70.0482, 0.2743, 0.3518

Triad

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



70.0482, 0.3057, 0.3795



70.0482, 0.2587, 0.2748



70.0482, 0.3753, 0.3345

Complementary

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



70.0482, 0.3057, 0.3795



55.1997, 0.3206, 0.2833

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.



70.0482, 0.3511, 0.3068



70.0482, 0.3057, 0.3795



70.0482, 0.2832, 0.2734

Square

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



70.0482, 0.3057, 0.3795



70.0482, 0.2483, 0.2904



70.0482, 0.3168, 0.2850



70.0482, 0.3815, 0.3624

Rectangle

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



70.0482, 0.3057, 0.3795



70.0482, 0.2591, 0.3293



70.0482, 0.3168, 0.2850



70.0482, 0.3689, 0.3249

Sweetspot

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



70.0512, 0.3057, 0.3795



96.3962, 0.3108, 0.3420



75.6977, 0.3400, 0.3829



20.5525, 0.3105, 0.3434



0.0000, 0.0000, 0.0000



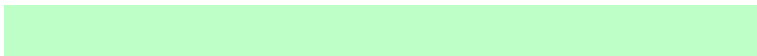
21.4041, 0.3127, 0.3290

Same Dimension

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



70.0512, 0.3057, 0.3795



86.3840, 0.3041, 0.3928



71.1769, 0.2913, 0.3500



16.1224, 0.3096, 0.3498



32.1121, 0.2967, 0.5881



2.3836, 0.2906, 0.5660

Inverse Universe

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



55.1997, 0.3206, 0.2833



64.1534, 0.3227, 0.2726



53.9922, 0.3403, 0.3090



14.5781, 0.3160, 0.3091



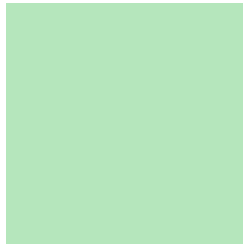
11.8274, 0.3604, 0.1759



0.8837, 0.3537, 0.1722

Previews

White Background



This preview shows how the Yxy color 70.0482, 0.3057, 0.3795 looks on a white background.

Color Contrast Check

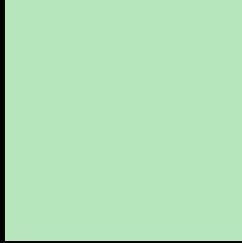
Large Text (above 18pt) WCAG AA × Fail

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 70.0482, 0.3057, 0.3795 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

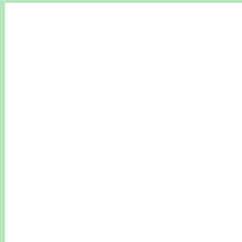
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0482, 0.3057, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 70.0482, 0.3057, 0.3795.

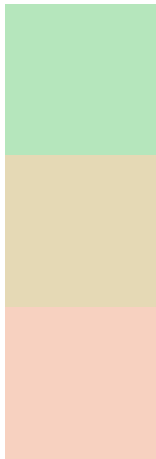


This preview shows how white text looks on a background with the Yxy color 70.0482, 0.3057, 0.3795.

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

70.0482, 0.3057, 0.3795

Protanopia

69.6199, 0.3468, 0.3688

Deuteranopia

69.1809, 0.3545, 0.3470



Tritanopia

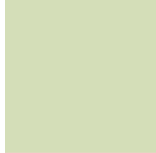
70.0734, 0.2798, 0.3087

Trichromacy



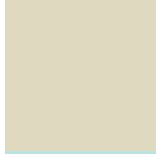
Original Color

70.0482, 0.3057, 0.3795



Protanomaly

69.7003, 0.3309, 0.3724



Deuteranomaly

69.0753, 0.3351, 0.3580



Tritanomaly

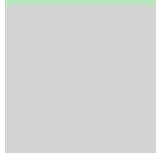
70.2314, 0.2891, 0.3335

Monochromacy



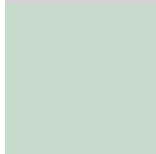
Original Color

70.0482, 0.3057, 0.3795



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

66.7340, 0.3098, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0482, 0.3057, 0.3795 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, 230, 188)` looks like.

```
.text, #text, p{  
    color:rgb(181, 230, 188)  
}
```

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, 230, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 230, 188) }
```

Border

The CSS property to change the border of an element to Yxy 70.0482, 0.3057, 0.3795 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, 230, 188) }
```

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

```
.border{ border-color:rgb(181, 230, 188) }
```

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

Here you see how a box with a 4 pixel rgb(181, 230, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 230, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 230, 188);  
box-shadow:4px 4px 4px 4px rgb(181, 230,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0482, 0.3057, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 230, 188) }
```

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

```
.background{ background-color: rgb(181,  
230, 188) }
```

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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