

Converting Colors

$Yxy(75.7530, 0.3069, 0.3991)$

Have a look what the booklet for
Yxy(75.7530, 0.3069, 0.3991)
contains.

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Color

Yxy(75.7530, 0.3069, 0.3991)

Conversions

Conversions Part 1

Format	Color
Hex	B2F1B6
RGB	178, 241, 182
RGB Percent	70%, 95%, 71%
CMY	0.3021, 0.0549, 0.2863
CMYK	0.26, 0.00, 0.24, 0.05
HSL	124°, 69%, 82%
HSV	124°, 26%, 95%
XYZ	58.2526, 75.7530, 55.8040
YIQ	215.4370, -18.6090, -31.7050

Conversions

Conversions Part 2

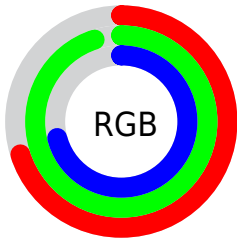
Format	Color
RYB	178, 237, 241
Decimal	11727286
CIELab	89.74, -31.08, 22.26
CIELCh	90, 38.234, 144.386
Yxy	75.7530, 0.3069, 0.3991
Android (android.graphics.Color)	4289917366 (0xFFB2F1B6)
YUV	215.4370, -16.4844, -32.8322
Hunter-Lab	87.0362, -32.8449, 22.9110

Details

The Yxy color **75.7530, 0.3069, 0.3991** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.6441, 0.3189, 0.2677**, and the grayscale version is **68.3873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3552, 0.3101, 0.3460**, and **40.5680, 0.3047, 0.4172** is the 20% darker color. If you saturate the color by 10%, you get **72.2931, 0.3046, 0.4313**, and if you desaturate by 10%, it is **79.8704, 0.3092, 0.3697**.

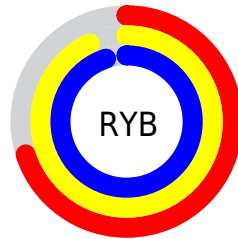
Distribution



Red (70%)

Green (95%)

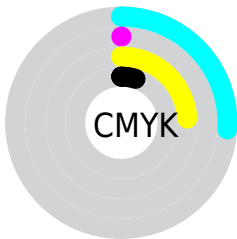
Blue (71%)



Red (70%)

Yellow (93%)

Blue (95%)

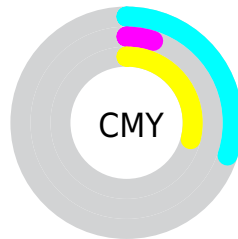


Cyan (26%)

Magenta (0%)

Yellow (24%)

Black (5%)



Cyan (30%)


Magenta (5%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7530, 0.3069, 0.3991 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 75.7530, 0.3069, 0.3991 by changing the saturation by 10% instead.


 75.7530, 0.3069,
0.3991

 75.7530, 0.3069,
0.3991


480.5018, 0.3103,
0.3654

 56.2300, 0.3059,
0.4071


 127.3777, 0.3083,
0.3872

 40.3874, 0.3046,
0.4171

160.2482, 0.3087,
0.3826

 27.8407, 0.3027,
0.4300


198.3366, 0.3091,
0.3787

 18.2056, 0.3000,
0.4473

242.0274, 0.3095,
0.3753

 11.0977, 0.2957,
0.4714

291.7049, 0.3097,
0.3724

 6.1326, 0.2883,
0.5074


347.7535, 0.3100,

 2.9259, 0.2739,


0.3698


0.5666


410.5577, 0.3102,
0.3675


 1.0932, 0.1960,
0.8040


 0.0000, 0.0000,
0.0000

 75.7530, 0.3069,
0.3991


 75.7530, 0.3069,
0.3991


 72.2931, 0.3046,
0.4313


 79.8704, 0.3092,
0.3697


 69.4476, 0.3025,
0.4654

 84.6666, 0.3114,
0.3435

 67.1835, 0.3006,
0.4997

 90.1740, 0.3135,
0.3206

 65.4605, 0.2993,
0.5320

 91.3979, 0.3133,
0.3156

■ 64.2334, 0.2985,
0.5598

■ 63.4494, 0.2985,
0.5809

■ 63.0439, 0.2990,
0.5939

■ 62.9535, 0.2992,
0.5970

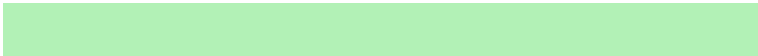
Harmonies

Analogous

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



75.7530, 0.3517, 0.4113



75.7530, 0.3069, 0.3991



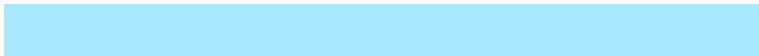
75.7530, 0.2656, 0.3630

Triad

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



75.7530, 0.3069, 0.3991



75.7530, 0.2408, 0.2597



75.7530, 0.3931, 0.3317

Complementary

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



75.7530, 0.3069, 0.3991



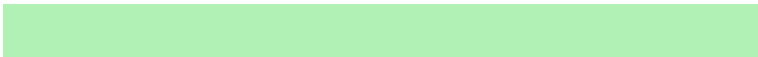
56.6441, 0.3189, 0.2677

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.



75.7530, 0.3591, 0.2971



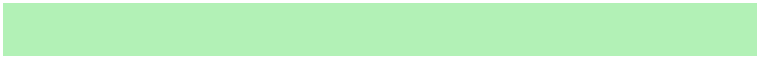
75.7530, 0.3069, 0.3991



75.7530, 0.2705, 0.2569

Square

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



75.7530, 0.3069, 0.3991



75.7530, 0.2295, 0.2806



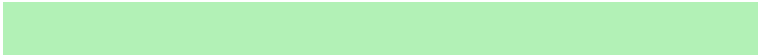
75.7530, 0.3134, 0.2705



75.7530, 0.4035, 0.3679

Rectangle

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



75.7530, 0.3069, 0.3991



75.7530, 0.2453, 0.3328



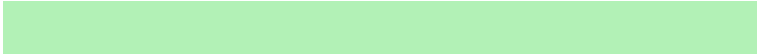
75.7530, 0.3134, 0.2705



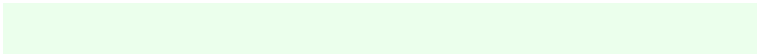
75.7530, 0.3840, 0.3196

Sweetspot

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



75.7562, 0.3069, 0.3991



95.1647, 0.3110, 0.3481



84.2839, 0.3500, 0.3949



20.1870, 0.3107, 0.3520



0.0000, 0.0000, 0.0000



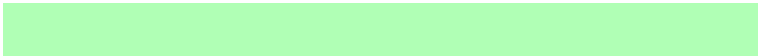
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7562, 0.3069, 0.3991



84.0805, 0.3058, 0.4147



77.1649, 0.2896, 0.3618



17.6728, 0.3107, 0.3518



34.1409, 0.2989, 0.5959



2.8459, 0.2960, 0.5855

Inverse Universe

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



56.6441, 0.3189, 0.2677



59.1900, 0.3202, 0.2561



55.0033, 0.3439, 0.2985



16.0130, 0.3148, 0.3072



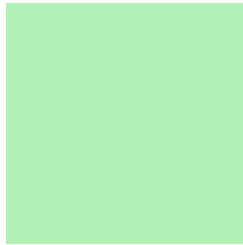
13.1145, 0.3376, 0.1633



1.0962, 0.3352, 0.1620

Previews

White Background



This preview shows how the Yxy color 75.7530, 0.3069, 0.3991 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 75.7530, 0.3069, 0.3991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

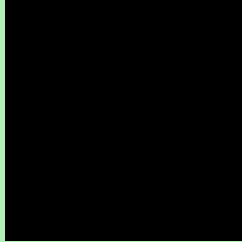
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

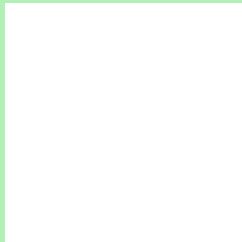
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7530, 0.3069, 0.3991

Background



This preview shows how black text looks on a background with the Yxy color 75.7530, 0.3069, 0.3991.

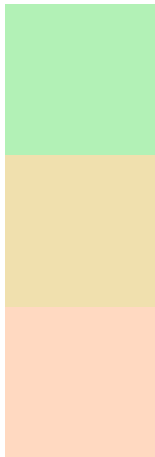


This preview shows how white text looks on a background with the Yxy color 75.7530, 0.3069, 0.3991.

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

75.7530, 0.3069, 0.3991

Protanopia

74.8926, 0.3585, 0.3823

Deuteranopia

74.7360, 0.3582, 0.3537



Tritanopia

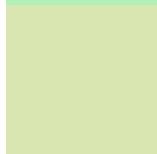
75.5625, 0.2756, 0.3092

Trichromacy



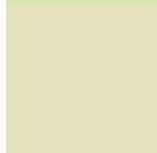
Original Color

75.7530, 0.3069, 0.3991



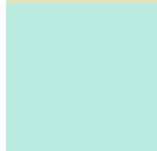
Protanomaly

74.5197, 0.3379, 0.3883



Deuteranomaly

74.3977, 0.3380, 0.3694



Tritanomaly

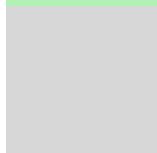
75.2920, 0.2872, 0.3403

Monochromacy



Original Color

75.7530, 0.3069, 0.3991



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

70.1797, 0.3109, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7530, 0.3069, 0.3991 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(178, 241, 182)` looks like.

```
.text, #text, p{  
    color:rgb(178, 241, 182)  
}
```

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(178, 241, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 241, 182) }
```

Border

The CSS property to change the border of an element to Yxy 75.7530, 0.3069, 0.3991 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(178, 241, 182) }
```

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

```
.border{ border-color:rgb(178, 241, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 241, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 241, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 241, 182);  
box-shadow:4px 4px 4px 4px rgb(178, 241,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7530, 0.3069, 0.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 241, 182) }
```

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

```
.background{ background-color: rgb(178,  
241, 182) }
```

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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