

Converting Colors

$Yxy(75.7348, 0.3041, 0.3882)$

Have a look what the booklet for
Yxy(75.7348, 0.3041, 0.3882)
contains.

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Color

Yxy(75.7412, 0.3036, 0.3880)

Conversions

Conversions Part 1

Format	Color
Hex	B4F0BE
RGB	180, 240, 190
RGB Percent	71%, 94%, 75%
CMY	0.2943, 0.0588, 0.2550
CMYK	0.25, 0.00, 0.21, 0.06
HSL	130°, 67%, 82%
HSV	130°, 25%, 94%
XYZ	59.2655, 75.7412, 60.2025
YIQ	216.3600, -19.7100, -28.2700

Conversions

Conversions Part 2

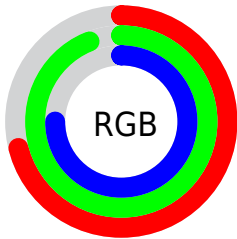
Format	Color
RYB	180, 231, 240
Decimal	11858110
CIELab	89.74, -28.61, 18.16
CIElCh	90, 33.886, 147.602
Yxy	75.7412, 0.3036, 0.3880
Android (android.graphics.Color)	4290048190 (0xFFB4F0BE)
YUV	216.3600, -12.9955, -31.8877
Hunter-Lab	87.0294, -30.7461, 19.9068

Details

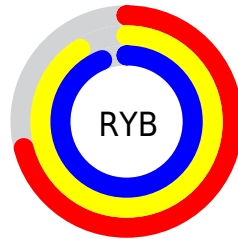
The Yxy color **75.7412, 0.3036, 0.3880** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.8601, 0.3234, 0.2764**, and the grayscale version is **69.0218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1783, 0.3068, 0.3379**, and **40.4942, 0.3013, 0.4041** is the 20% darker color. If you saturate the color by 10%, you get **72.2950, 0.3001, 0.4163**, and if you desaturate by 10%, it is **79.8123, 0.3072, 0.3623**.

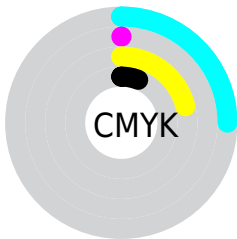
Distribution



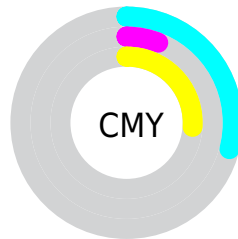
- Red (71%)
- Green (94%)
- Blue (75%)



- Red (71%)
- Yellow (91%)
- Blue (94%)



- Cyan (25%)
- Magenta (0%)
- Yellow (21%)
- Black (6%)




- Cyan (29%)
- Magenta (6%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7412, 0.3036, 0.3880 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 75.7412, 0.3036, 0.3880 by changing the saturation by 10% instead.

 75.7412, 0.3036,
0.3880

 75.7412, 0.3036,
0.3880


480.4613, 0.3083,
0.3598

 56.2203, 0.3024,
0.3947


 127.3610, 0.3054,
0.3780

 40.3796, 0.3008,
0.4030


160.2287, 0.3060,
0.3742

 27.8346, 0.2987,
0.4138


198.3142, 0.3066,
0.3709

 18.2010, 0.2957,
0.4282

242.0018, 0.3070,
0.3681

 11.0944, 0.2913,
0.4483

291.6759, 0.3074,
0.3656

 6.1304, 0.2841,
0.4784

347.7209, 0.3078,

 2.9245, 0.2708,

0.3635

410.5213, 0.3081,
0.3615

0.5276

1.0925, 0.2300,
0.7700

0.0000, 0.0000,
0.0000

75.7412, 0.3036,
0.3880

75.7412, 0.3036,
0.3880

72.2950, 0.3001,
0.4163

79.8123, 0.3072,
0.3623

69.4337, 0.2971,
0.4467

84.5273, 0.3109,
0.3394

67.1272, 0.2947,
0.4781

89.9160, 0.3145,
0.3194

65.3390, 0.2932,
0.5090

90.8107, 0.3134,
0.3146

■ 64.0282, 0.2928,
0.5376

■ 63.1474, 0.2936,
0.5618

■ 62.6392, 0.2954,
0.5802

■ 62.4847, 0.2964,
0.5870

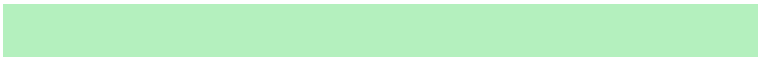
Harmonies

Analogous

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



75.7412, 0.3436, 0.4016



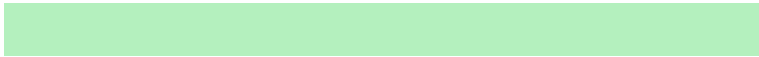
75.7412, 0.3036, 0.3880



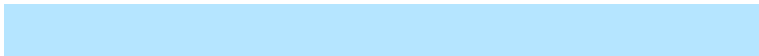
75.7412, 0.2676, 0.3549

Triad

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



75.7412, 0.3036, 0.3880



75.7412, 0.2507, 0.2662



75.7412, 0.3860, 0.3353

Complementary

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



75.7412, 0.3036, 0.3880



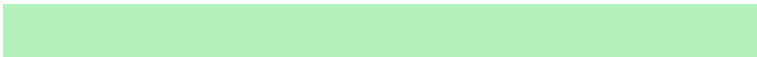
56.8601, 0.3234, 0.2764

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.



75.7412, 0.3579, 0.3037



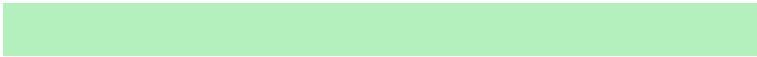
75.7412, 0.3036, 0.3880



75.7412, 0.2789, 0.2651

Square

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



75.7412, 0.3036, 0.3880



75.7412, 0.2385, 0.2835



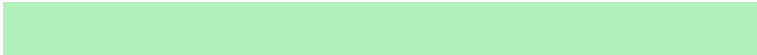
75.7412, 0.3179, 0.2787



75.7412, 0.3927, 0.3675

Rectangle

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



75.7412, 0.3036, 0.3880



75.7412, 0.2503, 0.3284



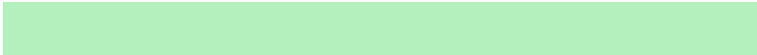
75.7412, 0.3179, 0.2787



75.7412, 0.3786, 0.3244

Sweetspot

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



75.7444, 0.3036, 0.3880



95.2878, 0.3098, 0.3460



82.4476, 0.3434, 0.3931



20.2177, 0.3093, 0.3494



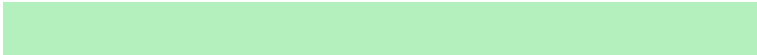
0.0000, 0.0000, 0.0000



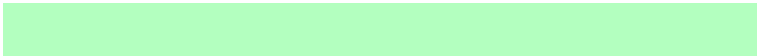
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7444, 0.3036, 0.3880



84.8186, 0.3018, 0.4021



77.1942, 0.2867, 0.3519



17.6995, 0.3093, 0.3493



34.2123, 0.2958, 0.5850



2.8586, 0.2899, 0.5635

Inverse Universe

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



56.8601, 0.3234, 0.2764



59.7236, 0.3260, 0.2656



55.3170, 0.3482, 0.3073



15.9834, 0.3163, 0.3096



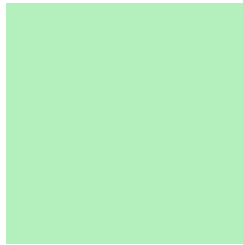
12.4378, 0.3683, 0.1802



1.0466, 0.3610, 0.1762

Previews

White Background



This preview shows how the Yxy color 75.7412, 0.3036, 0.3880 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 75.7412, 0.3036, 0.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

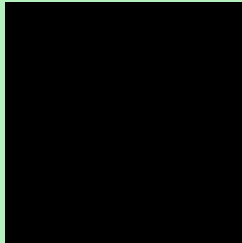
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

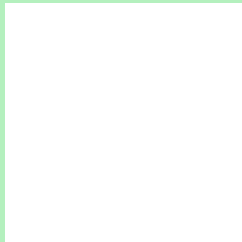
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7412, 0.3036, 0.3880

Background



This preview shows how black text looks on a background with the Yxy color 75.7412, 0.3036, 0.3880.

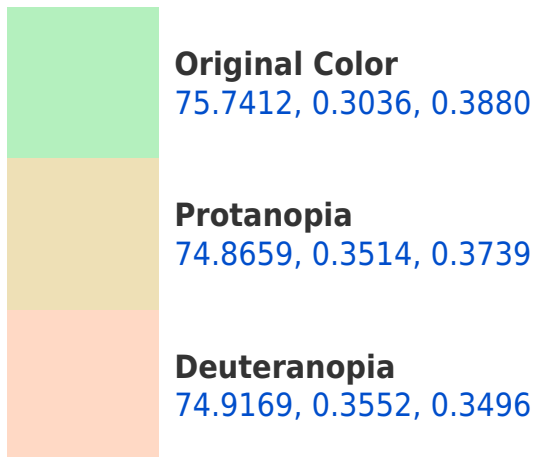


This preview shows how white text looks on a background with the Yxy color 75.7412, 0.3036, 0.3880.

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

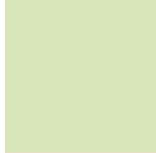
75.6917, 0.2762, 0.3092

Trichromacy



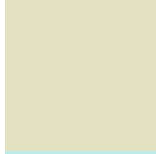
Original Color

75.7412, 0.3036, 0.3880



Protanomaly

74.8481, 0.3327, 0.3792



Deuteranomaly

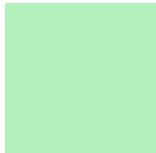
74.2394, 0.3355, 0.3628



Tritanomaly

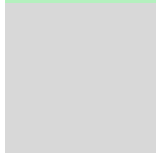
75.5829, 0.2861, 0.3368

Monochromacy



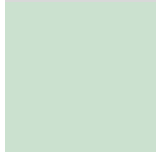
Original Color

75.7412, 0.3036, 0.3880



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

71.0519, 0.3090, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7412, 0.3036, 0.3880 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(180, 240, 190)` looks like.

```
.text, #text, p{  
    color:rgb(180, 240, 190)  
}
```

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(180, 240, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 240, 190) }
```

Border

The CSS property to change the border of an element to Yxy 75.7412, 0.3036, 0.3880 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(180, 240, 190) }
```

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

```
.border{ border-color:rgb(180, 240, 190) }
```

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

Here you see how a box with a 4 pixel rgb(180, 240, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 240, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 240, 190);  
box-shadow:4px 4px 4px 4px rgb(180, 240,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7412, 0.3036, 0.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 240, 190) }
```

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

```
.background{ background-color: rgb(180,  
240, 190) }
```

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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