

Converting Colors

$Yxy(75.7766, 0.3134, 0.3977)$

Have a look what the booklet for
Yxy(75.7766, 0.3134, 0.3977)
contains.

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Color

Yxy(75.6340, 0.3134, 0.3970)

Conversions

Conversions Part 1

Format	Color
Hex	BBEFB5
RGB	187, 239, 181
RGB Percent	73%, 94%, 71%
CMY	0.2665, 0.0628, 0.2902
CMYK	0.22, 0.00, 0.24, 0.06
HSL	114°, 64%, 82%
HSV	114°, 24%, 94%
XYZ	59.7070, 75.6340, 55.1728
YIQ	216.8400, -12.3740, -29.0620

Conversions

Conversions Part 2

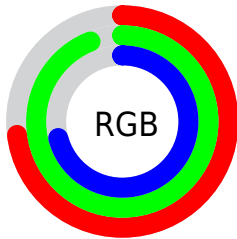
Format	Color
RYB	181, 239, 233
Decimal	12316597
CIELab	89.69, -27.34, 22.77
CIElCh	90, 35.582, 140.203
Yxy	75.6340, 0.3134, 0.3970
Android (android.graphics.Color)	4290506677 (0xFFBBE5B5)
YUV	216.8400, -17.6691, -26.1697
Hunter-Lab	86.9678, -29.6459, 23.2636

Details

The Yxy color **75.6340, 0.3134, 0.3970** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.6037, 0.3108, 0.2677**, and the grayscale version is **69.4086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8675, 0.3162, 0.3467**, and **40.4120, 0.3128, 0.4144** is the 20% darker color. If you saturate the color by 10%, you get **72.2352, 0.3132, 0.4301**, and if you desaturate by 10%, it is **79.6104, 0.3133, 0.3667**.

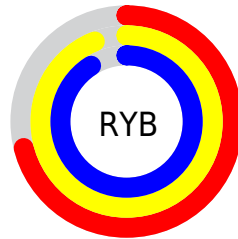
Distribution



Red (73%)

Green (94%)

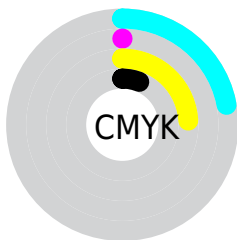
Blue (71%)



Red (71%)

Yellow (94%)

Blue (91%)

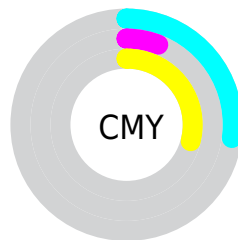


Cyan (22%)

Magenta (0%)

Yellow (24%)

Black (6%)



Cyan (27%)


Magenta (6%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.6340, 0.3134, 0.3970 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 75.6340, 0.3134, 0.3970 by changing the saturation by 10% instead.


 75.6340, 0.3134,
0.3970

 75.6340, 0.3134,
0.3970

480.0939, 0.3138,
0.3644

 56.1324, 0.3131,
0.4047


 127.2094, 0.3137,
0.3855

 40.3091, 0.3127,
0.4143


160.0521, 0.3138,
0.3811

 27.7796, 0.3119,
0.4267


198.1105, 0.3138,
0.3773

 18.1596, 0.3107,
0.4432

241.7692, 0.3138,
0.3740

 11.0646, 0.3084,
0.4663

291.4125, 0.3138,
0.3712

 6.1103, 0.3038,
0.5004


347.4247, 0.3138,

 2.9123, 0.2941,

0.3687


0.5566


410.1904, 0.3138,
0.3664


 1.0861, 0.2448,
0.7552


 0.0000, 0.0000,
0.0000


 75.6340, 0.3134,
0.3970


 75.6340, 0.3134,
0.3970


 72.2352, 0.3132,
0.4301


 79.6104, 0.3133,
0.3667


 69.3780, 0.3126,
0.4649

 84.1794, 0.3129,
0.3396

 67.0372, 0.3115,
0.4999

 89.3675, 0.3124,
0.3157

 65.1817, 0.3099,
0.5326

 90.2116, 0.3134,
0.3136

■ 63.7771, 0.3079,
0.5607

■ 62.7845, 0.3056,
0.5816

■ 62.1579, 0.3032,
0.5942

■ 61.9360, 0.3020,
0.5984

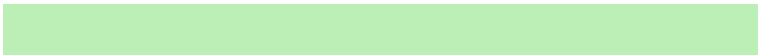
Harmonies

Analogous

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



75.6340, 0.3547, 0.4050



75.6340, 0.3134, 0.3970



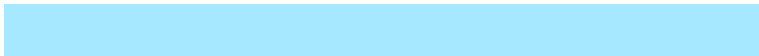
75.6340, 0.2737, 0.3661

Triad

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



75.6340, 0.3134, 0.3970



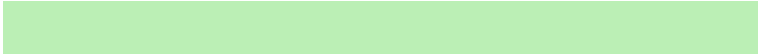
75.6340, 0.2429, 0.2660



75.6340, 0.3843, 0.3270

Complementary

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



75.6340, 0.3134, 0.3970



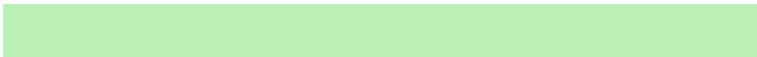
56.6037, 0.3108, 0.2677

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.



75.6340, 0.3504, 0.2951



75.6340, 0.3134, 0.3970



75.6340, 0.2686, 0.2609

Square

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



75.6340, 0.3134, 0.3970



75.6340, 0.2348, 0.2881



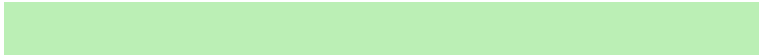
75.6340, 0.3074, 0.2716



75.6340, 0.3974, 0.3612

Rectangle

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



75.6340, 0.3134, 0.3970



75.6340, 0.2532, 0.3386



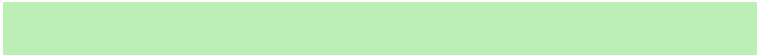
75.6340, 0.3074, 0.2716



75.6340, 0.3748, 0.3158

Sweetspot

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



75.6372, 0.3134, 0.3970



95.9946, 0.3130, 0.3467



79.5312, 0.3509, 0.3831



20.4764, 0.3131, 0.3483



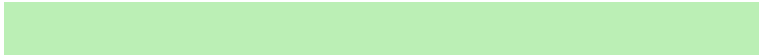
0.0000, 0.0000, 0.0000



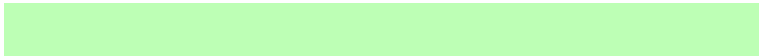
21.4041, 0.3127, 0.3290

Same Dimension

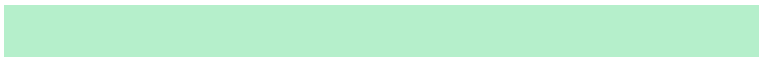
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6372, 0.3134, 0.3970



85.6425, 0.3134, 0.4127



75.8799, 0.2967, 0.3707



17.7349, 0.3131, 0.3533



34.2541, 0.3025, 0.5980



2.8756, 0.3080, 0.5936

Inverse Universe

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



56.6037, 0.3108, 0.2677



60.1205, 0.3102, 0.2552



56.4003, 0.3331, 0.2907



15.9432, 0.3121, 0.3056



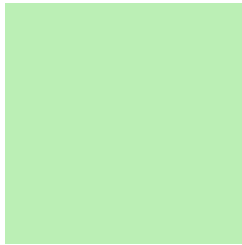
11.3933, 0.2949, 0.1398



0.9716, 0.2985, 0.1418

Previews

White Background



This preview shows how the Yxy color 75.6340, 0.3134, 0.3970 looks on a white background.

Color Contrast Check

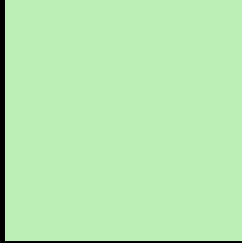
Large Text (above 18pt) WCAG AA × Fail

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 75.6340, 0.3134, 0.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

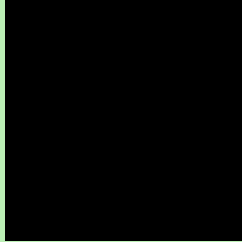
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.6340, 0.3134, 0.3970

Background



This preview shows how black text looks on a background with the Yxy color 75.6340, 0.3134, 0.3970.

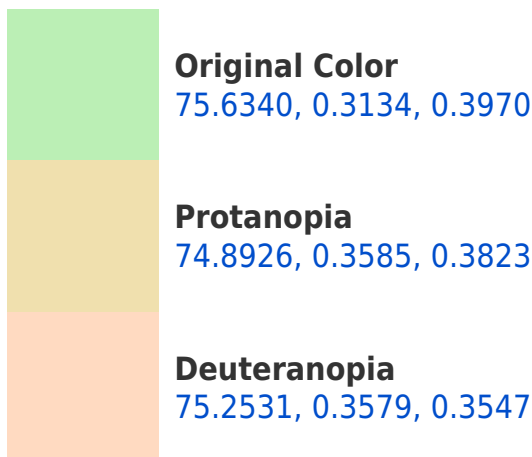


This preview shows how white text looks on a background with the Yxy color 75.6340, 0.3134, 0.3970.

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

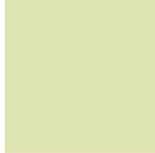
75.3767, 0.2813, 0.3094

Trichromacy



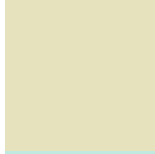
Original Color

75.6340, 0.3134, 0.3970



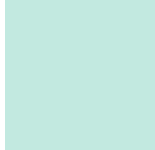
Protanomaly

74.5851, 0.3410, 0.3867



Deuteranomaly

74.8898, 0.3402, 0.3692



Tritanomaly

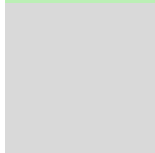
75.1290, 0.2926, 0.3391

Monochromacy



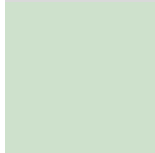
Original Color

75.6340, 0.3134, 0.3970



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.3319, 0.3130, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6340, 0.3134, 0.3970 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(187, 239, 181)` looks like.

```
.text, #text, p{  
    color:rgb(187, 239, 181)  
}
```

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(187, 239, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 239, 181) }
```

Border

The CSS property to change the border of an element to Yxy 75.6340, 0.3134, 0.3970 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(187, 239, 181) }
```

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

```
.border{ border-color:rgb(187, 239, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 239, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 239, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 239, 181);  
box-shadow:4px 4px 4px 4px rgb(187, 239,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6340, 0.3134, 0.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 239, 181) }
```

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

```
.background{ background-color: rgb(187,  
239, 181) }
```

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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