

Converting Colors

$Yxy(75.6861, 0.3226, 0.4115)$

Have a look what the booklet for
Yxy(75.6861, 0.3226, 0.4115)
contains.

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Color

Yxy(75.5447, 0.3224, 0.4110)

Conversions

Conversions Part 1

Format	Color
Hex	BEEFA9
RGB	190, 239, 169
RGB Percent	75%, 94%, 66%
CMY	0.2550, 0.0627, 0.3372
CMYK	0.21, 0.00, 0.29, 0.06
HSL	102°, 69%, 80%
HSV	102°, 29%, 94%
XYZ	59.2594, 75.5447, 49.0030
YIQ	216.3690, -6.7340, -32.1580

Conversions

Conversions Part 2

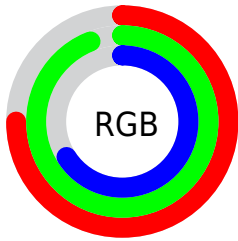
Format	Color
RYB	169, 239, 218
Decimal	12513193
CIELab	89.65, -28.23, 28.88
CIELCh	90, 40.389, 134.346
Yxy	75.5447, 0.3224, 0.4110
Android (android.graphics.Color)	4290703273 (0xFFBEEFA9)
YUV	216.3690, -23.3529, -23.1256
Hunter-Lab	86.9165, -30.4030, 27.4142

Details

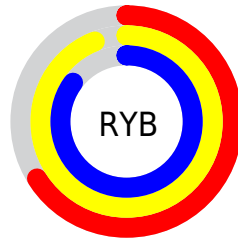
The Yxy color **75.5447, 0.3224, 0.4110** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **49.5299, 0.2989, 0.2522**, and the grayscale version is **69.0993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7304, 0.3252, 0.3586**, and **40.2788, 0.3232, 0.4328** is the 20% darker color. If you saturate the color by 10%, you get **72.6972, 0.3248, 0.4432**, and if you desaturate by 10%, it is **78.8106, 0.3194, 0.3806**.

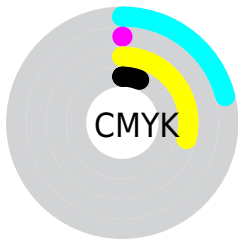
Distribution



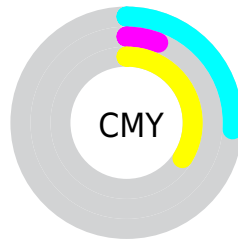
- Red (75%)
- Green (94%)
- Blue (66%)



- Red (66%)
- Yellow (94%)
- Blue (85%)



- Cyan (21%)
- Magenta (0%)
- Yellow (29%)
- Black (6%)




- Cyan (26%)
- Magenta (6%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5447, 0.3224, 0.4110 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 75.5447, 0.3224, 0.4110 by changing the saturation by 10% instead.

 75.5447, 0.3224,
0.4110

 75.5447, 0.3224,
0.4110


479.7877, 0.3190,
0.3717

 56.0592, 0.3229,
0.4203


 127.0831, 0.3214,
0.3971

 40.2504, 0.3233,
0.4319


159.9049, 0.3210,
0.3918

 27.7339, 0.3236,
0.4468

197.9408, 0.3206,
0.3872

 18.1251, 0.3235,
0.4666

241.5754, 0.3202,
0.3833

 11.0399, 0.3224,
0.4939

291.1930, 0.3198,
0.3798

 6.0937, 0.3188,
0.5338


347.1779, 0.3195,

 2.9021, 0.3157,

0.3768

0.6108

409.9147, 0.3192,
0.3741


 1.0808, 0.2317,
0.7683


 0.0000, 0.0000,
0.0000


 75.5447, 0.3224,
0.4110


 75.5447, 0.3224,
0.4110


 72.6972, 0.3248,
0.4432


 78.8106, 0.3194,
0.3806


 70.2409, 0.3262,
0.4760

 82.5012, 0.3160,
0.3526

 68.1605, 0.3265,
0.5079

 86.6352, 0.3125,
0.3273

 66.4358, 0.3252,
0.5368

 90.2189, 0.3134,
0.3136

■ 65.0443, 0.3225,
0.5607

■ 63.9605, 0.3184,
0.5782

■ 63.1496, 0.3134,
0.5889

■ 63.0996, 0.3131,
0.5896

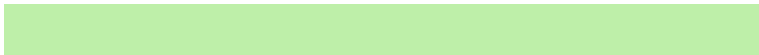
Harmonies

Analogous

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



75.5447, 0.3680, 0.4139



75.5447, 0.3224, 0.4110



75.5447, 0.2763, 0.3799

Triad

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



75.5447, 0.3224, 0.4110



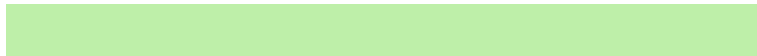
75.5447, 0.2308, 0.2611



75.5447, 0.3881, 0.3189

Complementary

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



75.5447, 0.3224, 0.4110



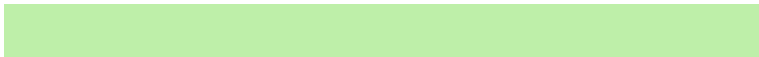
49.5299, 0.2989, 0.2522

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.



75.5447, 0.3461, 0.2848



75.5447, 0.3224, 0.4110



75.5447, 0.2558, 0.2521

Square

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



75.5447, 0.3224, 0.4110



75.5447, 0.2258, 0.2891



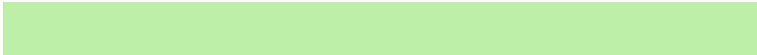
75.5447, 0.2971, 0.2610



75.5447, 0.4082, 0.3571

Rectangle

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



75.5447, 0.3224, 0.4110



75.5447, 0.2513, 0.3491



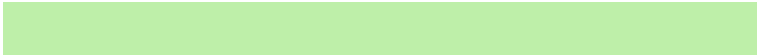
75.5447, 0.2971, 0.2610



75.5447, 0.3759, 0.3067

Sweetspot

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



75.5480, 0.3224, 0.4110



95.6860, 0.3159, 0.3519



71.3673, 0.3629, 0.3817



20.3400, 0.3164, 0.3558



0.0000, 0.0000, 0.0000



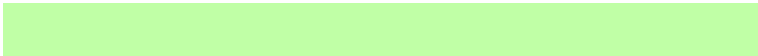
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5480, 0.3224, 0.4110



85.5319, 0.3239, 0.4296



73.5957, 0.3008, 0.3968



17.8857, 0.3161, 0.3531



34.9263, 0.3141, 0.5888



2.9553, 0.3238, 0.5811

Inverse Universe

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



49.5299, 0.2989, 0.2522



50.9414, 0.2954, 0.2361



52.1726, 0.3275, 0.2696



15.7801, 0.3090, 0.3054



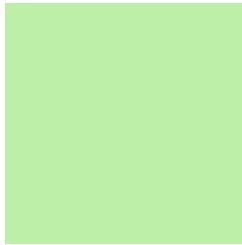
8.0824, 0.2464, 0.1131



0.7238, 0.2565, 0.1187

Previews

White Background



This preview shows how the Yxy color 75.5447, 0.3224, 0.4110 looks on a white background.

Color Contrast Check

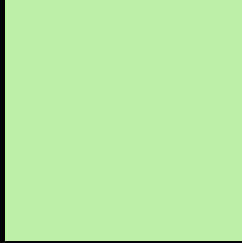
Large Text (above 18pt) WCAG AA × Fail

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 75.5447, 0.3224, 0.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

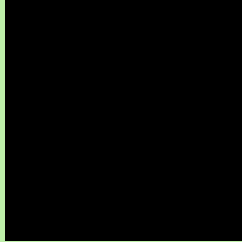
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

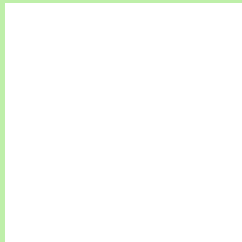
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5447, 0.3224, 0.4110

Background



This preview shows how black text looks on a background with the Yxy color 75.5447, 0.3224, 0.4110.

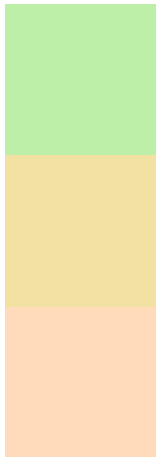


This preview shows how white text looks on a background with the Yxy color 75.5447, 0.3224, 0.4110.

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

75.5447, 0.3224, 0.4110

Protanopia

75.3720, 0.3672, 0.3946

Deuteranopia

74.9907, 0.3623, 0.3609



Tritanopia

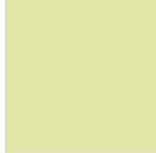
75.3106, 0.2842, 0.3095

Trichromacy



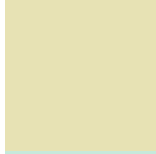
Original Color

75.5447, 0.3224, 0.4110



Protanomaly

74.9982, 0.3501, 0.4008



Deuteranomaly

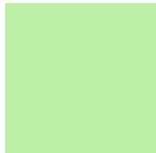
74.6769, 0.3471, 0.3790



Tritanomaly

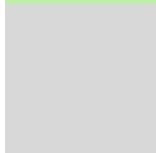
75.3981, 0.2981, 0.3447

Monochromacy



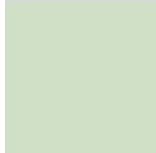
Original Color

75.5447, 0.3224, 0.4110



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.7002, 0.3170, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5447, 0.3224, 0.4110 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(190, 239, 169)` looks like.

```
.text, #text, p{  
    color:rgb(190, 239, 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(190, 239, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 239, 169) }
```

Border

The CSS property to change the border of an element to Yxy 75.5447, 0.3224, 0.4110 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(190, 239, 169) }
```

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

```
.border{ border-color:rgb(190, 239, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 239, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 239, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 239, 169);  
box-shadow:4px 4px 4px 4px rgb(190, 239,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5447, 0.3224, 0.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 239, 169) }
```

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

```
.background{ background-color: rgb(190,  
239, 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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