

Converting Colors

$Yxy(73.2071, 0.3276, 0.4107)$

Have a look what the booklet for
Yxy(73.2071, 0.3276, 0.4107)
contains.

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Color

Yxy(73.4707, 0.3274, 0.4112)

Conversions

Conversions Part 1

Format	Color
Hex	C1EBA5
RGB	193, 235, 165
RGB Percent	76%, 92%, 65%
CMY	0.2430, 0.0784, 0.3529
CMYK	0.18, 0.00, 0.30, 0.08
HSL	96°, 64%, 78%
HSV	96°, 30%, 92%
XYZ	58.4978, 73.4707, 46.7054
YIQ	214.4620, -2.5620, -30.6740

Conversions

Conversions Part 2

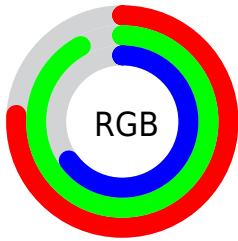
Format	Color
RYB	165, 235, 207
Decimal	12708773
CIELab	88.67, -25.86, 29.63
CIElCh	89, 39.333, 131.112
Yxy	73.4707, 0.3274, 0.4112
Android (android.graphics.Color)	4290898853 (0xFFC1EBA5)
YUV	214.4620, -24.3848, -18.8222
Hunter-Lab	85.7151, -28.1807, 27.6940

Details

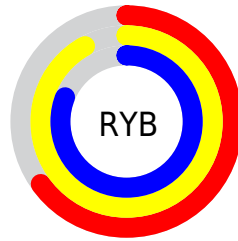
The Yxy color **73.4707, 0.3274, 0.4112** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **46.1820, 0.2929, 0.2496**, and the grayscale version is **67.7470, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0113, 0.3301, 0.3635**, and **38.8357, 0.3288, 0.4316** is the 20% darker color. If you saturate the color by 10%, you get **70.9296, 0.3313, 0.4423**, and if you desaturate by 10%, it is **76.3520, 0.3228, 0.3814**.

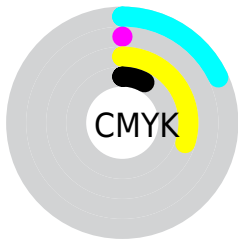
Distribution



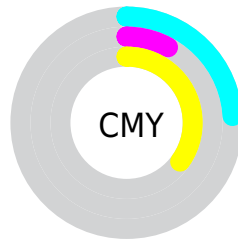
- Red (76%)
- Green (92%)
- Blue (65%)



- Red (65%)
- Yellow (92%)
- Blue (81%)



- Cyan (18%)
- Magenta (0%)
- Yellow (30%)
- Black (8%)



- Cyan (24%)
- Magenta (8%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4707, 0.3274, 0.4112 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 73.4707, 0.3274, 0.4112 by changing the saturation by 10% instead.


 73.4707, 0.3274,
0.4112

 73.4707, 0.3274,
0.4112

472.6446, 0.3216,
0.3717

 54.3609, 0.3284,
0.4205

 124.1452, 0.3256,
0.3972

 38.8903, 0.3295,
0.4322


 156.4787, 0.3249,
0.3919

 26.6744, 0.3306,
0.4472


193.9890, 0.3242,
0.3873

 17.3288, 0.3315,
0.4671

237.0603, 0.3236,
0.3833

 10.4692, 0.3317,
0.4947

286.0771, 0.3230,
0.3799

 5.7112, 0.3297,
0.5347


341.4239, 0.3225,

 2.6703, 0.3350,


0.3768


0.6233


403.4849, 0.3220,
0.3741


 0.9621, 0.2261,
0.7739


 0.0000, 0.0000,
0.0000

 73.4707, 0.3274,
0.4112


 73.4707, 0.3274,
0.4112


 70.9296, 0.3313,
0.4423


 76.3520, 0.3228,
0.3814


 68.7056, 0.3342,
0.4738

 79.5767, 0.3178,
0.3538

 66.7873, 0.3356,
0.5040

 83.1599, 0.3126,
0.3285

 65.1588, 0.3352,
0.5313

 86.8512, 0.3099,
0.3095

■ 63.8025, 0.3328,
0.5540

■ 87.8960, 0.3136,
0.3097

■ 62.6980, 0.3287,
0.5706

■ 61.8151, 0.3232,
0.5814

■ 61.7973, 0.3231,
0.5817

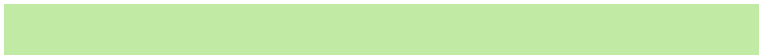
Harmonies

Analogous

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



73.4707, 0.3714, 0.4111



73.4707, 0.3274, 0.4112



73.4707, 0.2815, 0.3834

Triad

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



73.4707, 0.3274, 0.4112



73.4707, 0.2306, 0.2643



73.4707, 0.3832, 0.3151

Complementary

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



73.4707, 0.3274, 0.4112



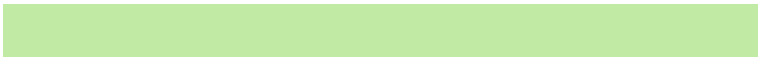
46.1820, 0.2929, 0.2496

Split Complementary

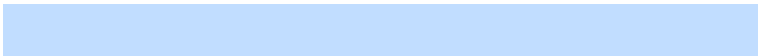
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4707, 0.3404, 0.2824



73.4707, 0.3274, 0.4112



73.4707, 0.2532, 0.2534

Square

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



73.4707, 0.3274, 0.4112



73.4707, 0.2278, 0.2939



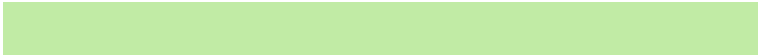
73.4707, 0.2924, 0.2603



73.4707, 0.4058, 0.3527

Rectangle

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



73.4707, 0.3274, 0.4112



73.4707, 0.2559, 0.3539



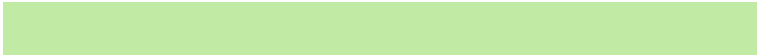
73.4707, 0.2924, 0.2603



73.4707, 0.3705, 0.3034

Sweetspot

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



73.4739, 0.3274, 0.4112



96.0908, 0.3174, 0.3518



64.4461, 0.3662, 0.3741



20.4393, 0.3181, 0.3557



0.0000, 0.0000, 0.0000



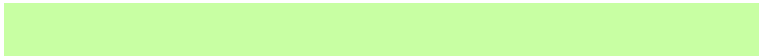
21.4041, 0.3127, 0.3290

Same Dimension

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



73.4739, 0.3274, 0.4112



86.4415, 0.3300, 0.4310



70.3525, 0.3053, 0.4086



17.1562, 0.3176, 0.3529



34.4629, 0.3242, 0.5808



2.7608, 0.3351, 0.5722

Inverse Universe

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



46.1820, 0.2929, 0.2496



48.4322, 0.2874, 0.2313



50.2471, 0.3210, 0.2606



14.9957, 0.3074, 0.3053



6.5645, 0.2233, 0.1004



0.5712, 0.2365, 0.1077

Previews

White Background



This preview shows how the Yxy color 73.4707, 0.3274, 0.4112 looks on a white background.

Color Contrast Check

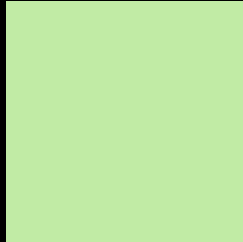
Large Text (above 18pt) WCAG AA × Fail

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 73.4707, 0.3274, 0.4112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

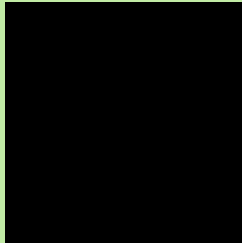
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

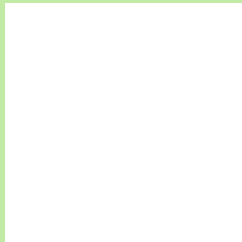
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4707, 0.3274, 0.4112

Background



This preview shows how black text looks on a background with the Yxy color 73.4707, 0.3274, 0.4112.

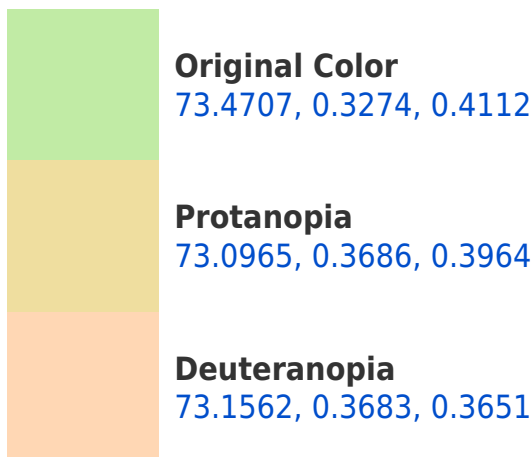


This preview shows how white text looks on a background with the Yxy color 73.4707, 0.3274, 0.4112.

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

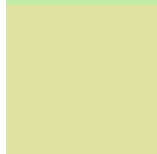
73.3006, 0.2882, 0.3094

Trichromacy



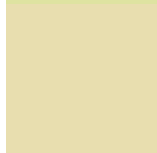
Original Color

73.4707, 0.3274, 0.4112



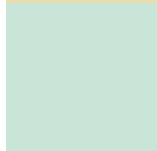
Protanomaly

73.0410, 0.3527, 0.4024



Deuteranomaly

72.4935, 0.3522, 0.3803



Tritanomaly

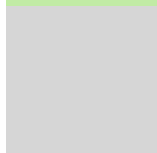
73.3624, 0.3025, 0.3448

Monochromacy



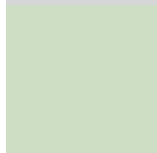
Original Color

73.4707, 0.3274, 0.4112



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

69.3499, 0.3184, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4707, 0.3274, 0.4112 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(193, 235, 165)` looks like.

```
.text, #text, p{  
    color:rgb(193, 235, 165)  
}
```

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(193, 235, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 235, 165) }
```

Border

The CSS property to change the border of an element to Yxy 73.4707, 0.3274, 0.4112 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(193, 235, 165) }
```

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

```
.border{ border-color:rgb(193, 235, 165) }
```

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

Here you see how a box with a 4 pixel rgb(193, 235, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 235, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 235, 165);  
box-shadow:4px 4px 4px 4px rgb(193, 235,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4707, 0.3274, 0.4112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 235, 165) }
```

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

```
.background{ background-color: rgb(193,  
235, 165) }
```

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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