

Converting Colors

$Yxy(72.4587, 0.3089, 0.4113)$

Have a look what the booklet for
Yxy(72.4587, 0.3089, 0.4113)
contains.

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Color

Yxy(72.5974, 0.3088, 0.4121)

Conversions

Conversions Part 1

Format	Color
Hex	AAEEAA
RGB	170, 238, 170
RGB Percent	67%, 93%, 67%
CMY	0.3335, 0.0666, 0.3334
CMYK	0.29, 0.00, 0.29, 0.07
HSL	120°, 67%, 80%
HSV	120°, 29%, 93%
XYZ	54.3996, 72.5974, 49.1675
YIQ	209.9160, -18.7000, -35.5640

Conversions

Conversions Part 2

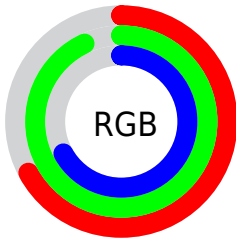
Format	Color
RYB	170, 238, 238
Decimal	11202218
CIELab	88.26, -34.24, 26.31
CIElCh	88, 43.183, 142.461
Yxy	72.5974, 0.3088, 0.4121
Android (android.graphics.Color)	4289392298 (0xFFAAEEAA)
YUV	209.9160, -19.6786, -35.0063
Hunter-Lab	85.2041, -35.1417, 25.4292

Details

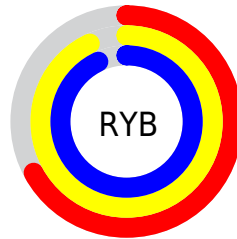
The Yxy color **72.5974, 0.3088, 0.4121** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **53.0855, 0.3161, 0.2579**, and the grayscale version is **64.5269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3419, 0.3119, 0.3587**, and **38.4533, 0.3070, 0.4349** is the 20% darker color. If you saturate the color by 10%, you get **69.3641, 0.3072, 0.4470**, and if you desaturate by 10%, it is **76.4799, 0.3103, 0.3799**.

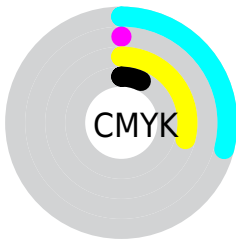
Distribution



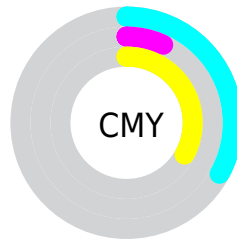
- Red (67%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (93%)



- Cyan (29%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5974, 0.3088, 0.4121 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 72.5974, 0.3088, 0.4121 by changing the saturation by 10% instead.


 72.5974, 0.3088,
0.4121

 72.5974, 0.3088,
0.4121

469.6183, 0.3117,
0.3717

 53.6468, 0.3078,
0.4218


 122.9055, 0.3100,
0.3977

 38.3194, 0.3065,
0.4340


155.0318, 0.3104,
0.3922

 26.2307, 0.3045,
0.4499


192.3188, 0.3108,
0.3875

 16.9963, 0.3014,
0.4712

235.1509, 0.3110,
0.3835

 10.2318, 0.2962,
0.5012

283.9126, 0.3112,
0.3800

 5.5529, 0.2867,
0.5461


338.9880, 0.3114,


 2.5752, 0.2742,

0.3769


0.6366


400.7618, 0.3116,
0.3741


 0.9142, 0.0346,
0.9654


 0.0000, 0.0000,
0.0000


 72.5974, 0.3088,
0.4121


 72.5974, 0.3088,
0.4121


 69.3641, 0.3072,
0.4470

 76.4799, 0.3103,
0.3799


 66.7361, 0.3055,
0.4831

 81.0346, 0.3117,
0.3510

 64.6784, 0.3038,
0.5183

 86.2944, 0.3129,
0.3256

 63.1488, 0.3023,
0.5498

 89.6374, 0.3135,
0.3127

■ 62.0992, 0.3012,
0.5748

■ 61.4727, 0.3004,
0.5912

■ 61.1865, 0.3000,
0.5992

■ 61.1576, 0.3000,
0.6000

Harmonies

Analogous

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



72.5974, 0.3596, 0.4233



72.5974, 0.3088, 0.4121



72.5974, 0.2614, 0.3713

Triad

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



72.5974, 0.3088, 0.4121



72.5974, 0.2298, 0.2511



72.5974, 0.4032, 0.3287

Complementary

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



72.5974, 0.3088, 0.4121



53.0855, 0.3161, 0.2579

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.



72.5974, 0.3626, 0.2904



72.5974, 0.3088, 0.4121



72.5974, 0.2618, 0.2472

Square

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



72.5974, 0.3088, 0.4121



72.5974, 0.2185, 0.2755



72.5974, 0.3097, 0.2614



72.5974, 0.4168, 0.3697

Rectangle

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



72.5974, 0.3088, 0.4121



72.5974, 0.2378, 0.3362



72.5974, 0.3097, 0.2614



72.5974, 0.3921, 0.3153

Sweetspot

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



72.6005, 0.3088, 0.4121



94.5137, 0.3116, 0.3522



82.2377, 0.3559, 0.4005



20.0536, 0.3114, 0.3562



0.0000, 0.0000, 0.0000



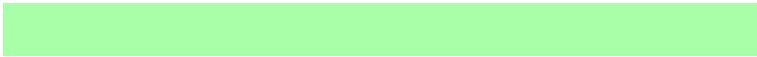
21.4041, 0.3127, 0.3290

Same Dimension

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



72.6005, 0.3088, 0.4121



82.7175, 0.3079, 0.4312



74.0577, 0.2896, 0.3694



17.6565, 0.3116, 0.3534



34.1152, 0.3000, 0.6000



2.8381, 0.3000, 0.5999

Inverse Universe

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



53.0855, 0.3161, 0.2579



56.5939, 0.3167, 0.2444



51.2722, 0.3446, 0.2919



16.0313, 0.3138, 0.3058



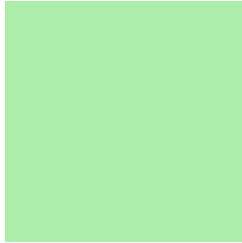
13.5818, 0.3210, 0.1542



1.1299, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 72.5974, 0.3088, 0.4121 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 72.5974, 0.3088, 0.4121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

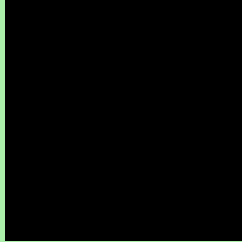
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

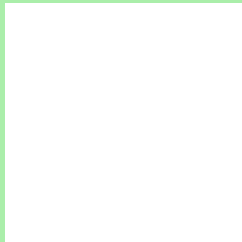
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.5974, 0.3088, 0.4121

Background



This preview shows how black text looks on a background with the Yxy color 72.5974, 0.3088, 0.4121.

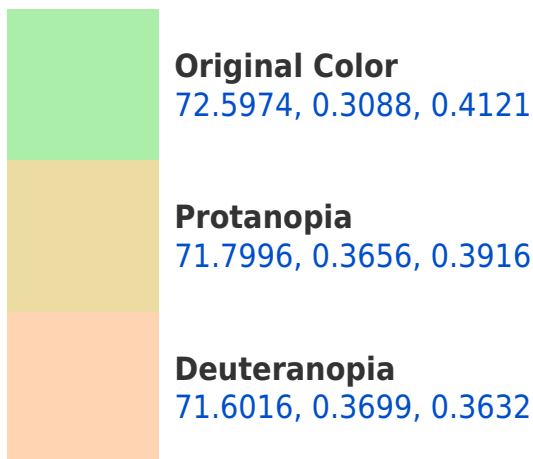


This preview shows how white text looks on a background with the Yxy color 72.5974, 0.3088, 0.4121.

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

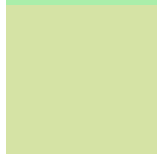
72.3310, 0.2738, 0.3088

Trichromacy



Original Color

72.5974, 0.3088, 0.4121



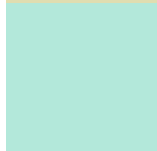
Protanomaly

71.8009, 0.3433, 0.3995



Deuteranomaly

70.6948, 0.3456, 0.3792



Tritanomaly

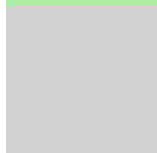
72.3589, 0.2868, 0.3452

Monochromacy



Original Color

72.5974, 0.3088, 0.4121



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

66.7286, 0.3113, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5974, 0.3088, 0.4121 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(170, 238, 170)` looks like.

```
.text, #text, p{  
    color:rgb(170, 238, 170)  
}
```

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(170, 238, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 238, 170) }
```

Border

The CSS property to change the border of an element to Yxy 72.5974, 0.3088, 0.4121 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(170, 238, 170) }
```

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

```
.border{ border-color:rgb(170, 238, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 238, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 238, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 238, 170);  
box-shadow:4px 4px 4px 4px rgb(170, 238,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5974, 0.3088, 0.4121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 238, 170) }
```

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

```
.background{ background-color: rgb(170,  
238, 170) }
```

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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