

Converting Colors

$Yxy(73.8711, 0.3066, 0.4064)$

Have a look what the booklet for
Yxy(73.8711, 0.3066, 0.4064)
contains.

Yxy(74.2254, 0.3066, 0.4063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.2254, 0.3066, 0.4063)

Conversions

Conversions Part 1

Format	Color
Hex	ACF0B0
RGB	172, 240, 176
RGB Percent	67%, 94%, 69%
CMY	0.3254, 0.0588, 0.3098
CMYK	0.28, 0.00, 0.27, 0.06
HSL	124°, 69%, 81%
HSV	124°, 28%, 94%
XYZ	56.0116, 74.2254, 52.4492
YIQ	212.3720, -19.9840, -34.3200

Conversions

Conversions Part 2

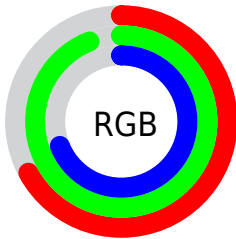
Format	Color
RYB	172, 236, 240
Decimal	11333808
CIELab	89.03, -33.52, 24.30
CIELCh	89, 41.400, 144.051
Yxy	74.2254, 0.3066, 0.4063
Android (android.graphics.Color)	4289523888 (0xFFACF0B0)
YUV	212.3720, -17.9314, -35.4062
Hunter-Lab	86.1542, -34.7212, 24.2132

Details

The Yxy color **74.2254, 0.3066, 0.4063** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.0923, 0.3192, 0.2622**, and the grayscale version is **66.2335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0042, 0.3098, 0.3524**, and **39.5626, 0.3043, 0.4271** is the 20% darker color. If you saturate the color by 10%, you get **70.9323, 0.3044, 0.4392**, and if you desaturate by 10%, it is **78.1639, 0.3088, 0.3761**.

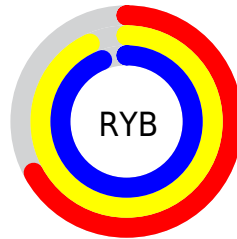
Distribution



Red (67%)

Green (94%)

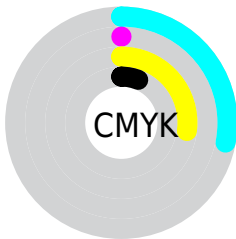
Blue (69%)



Red (67%)

Yellow (93%)

Blue (94%)

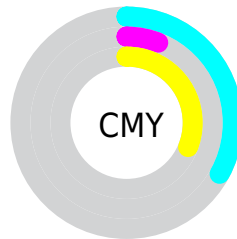


Cyan (28%)

Magenta (0%)

Yellow (27%)

Black (6%)



Cyan (33%)

Magenta (6%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2254, 0.3066, 0.4063 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 74.2254, 0.3066, 0.4063 by changing the saturation by 10% instead.


 74.2254, 0.3066,
0.4063

 74.2254, 0.3066,
0.4063


475.2509, 0.3104,
0.3689

 54.9785, 0.3055,
0.4152


 125.2153, 0.3081,
0.3930

 39.3845, 0.3040,
0.4264


157.7271, 0.3086,
0.3879

 27.0590, 0.3019,
0.4410


195.4293, 0.3091,
0.3836

 17.6175, 0.2987,
0.4604

238.7064, 0.3094,
0.3799

 10.6758, 0.2936,
0.4878

287.9427, 0.3097,
0.3766

 5.8493, 0.2846,
0.5288


343.5226, 0.3100,

 2.7536, 0.2691,


0.3737

0.6011


405.8306, 0.3102,
0.3712


 1.0045, 0.1161,
0.8839


 0.0000, 0.0000,
0.0000


 74.2254, 0.3066,
0.4063


 74.2254, 0.3066,
0.4063

 70.9323, 0.3044,
0.4392

 78.1639, 0.3088,
0.3761


 68.2416, 0.3023,
0.4736

 82.7698, 0.3110,
0.3490

 66.1193, 0.3006,
0.5078

 88.0754, 0.3130,
0.3253

 64.5248, 0.2993,
0.5394

 90.8018, 0.3134,
0.3146

■ 63.4115, 0.2987,
0.5658

■ 62.7251, 0.2987,
0.5850

■ 62.3909, 0.2992,
0.5961

■ 62.3538, 0.2992,
0.5972

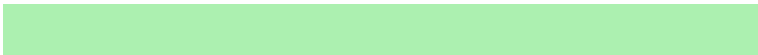
Harmonies

Analogous

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



74.2254, 0.3552, 0.4189



74.2254, 0.3066, 0.4063



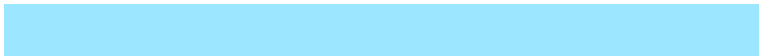
74.2254, 0.2618, 0.3667

Triad

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



74.2254, 0.3066, 0.4063



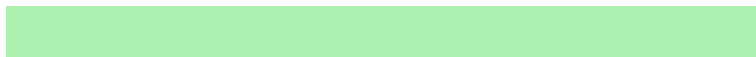
74.2254, 0.2346, 0.2540



74.2254, 0.4002, 0.3310

Complementary

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



74.2254, 0.3066, 0.4063



54.0923, 0.3192, 0.2622

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.



74.2254, 0.3627, 0.2939



74.2254, 0.3066, 0.4063



74.2254, 0.2663, 0.2510

Square

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



74.2254, 0.3066, 0.4063



74.2254, 0.2226, 0.2764



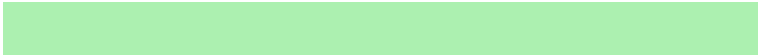
74.2254, 0.3127, 0.2655



74.2254, 0.4116, 0.3702

Rectangle

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



74.2254, 0.3066, 0.4063



74.2254, 0.2398, 0.3334



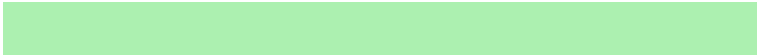
74.2254, 0.3127, 0.2655



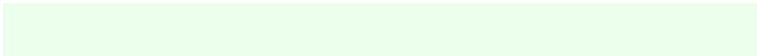
74.2254, 0.3901, 0.3181

Sweetspot

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



74.2285, 0.3066, 0.4063



95.1585, 0.3111, 0.3482



83.2372, 0.3531, 0.4004



20.1854, 0.3108, 0.3521



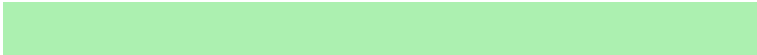
0.0000, 0.0000, 0.0000



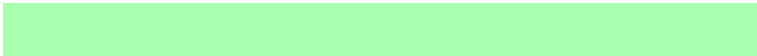
21.4041, 0.3127, 0.3290

Same Dimension

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



74.2285, 0.3066, 0.4063



82.9100, 0.3053, 0.4250



75.7175, 0.2879, 0.3649



17.6714, 0.3108, 0.3520



34.1387, 0.2990, 0.5963



2.8453, 0.2963, 0.5866

Inverse Universe

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



54.0923, 0.3192, 0.2622



56.2728, 0.3207, 0.2488



52.3285, 0.3473, 0.2959



16.0145, 0.3147, 0.3071



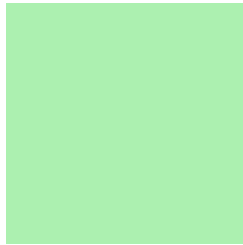
13.1514, 0.3362, 0.1626



1.0989, 0.3340, 0.1613

Previews

White Background



This preview shows how the Yxy color 74.2254, 0.3066, 0.4063 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 74.2254, 0.3066, 0.4063 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 74.2254, 0.3066, 0.4063

Background



This preview shows how black text looks on a background with the Yxy color 74.2254, 0.3066, 0.4063.

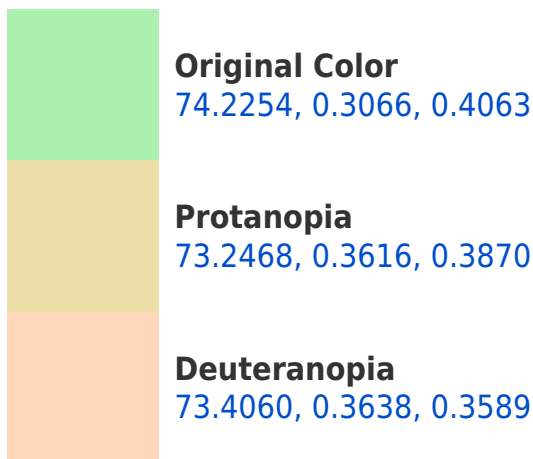


This preview shows how white text looks on a background with the Yxy color 74.2254, 0.3066, 0.4063.

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

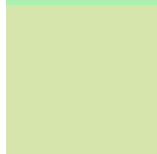
73.7475, 0.2730, 0.3078

Trichromacy



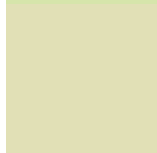
Original Color

74.2254, 0.3066, 0.4063



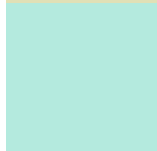
Protanomaly

73.2750, 0.3398, 0.3945



Deuteranomaly

72.6963, 0.3416, 0.3754



Tritanomaly

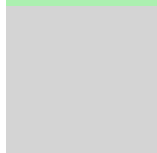
73.8229, 0.2852, 0.3428

Monochromacy



Original Color

74.2254, 0.3066, 0.4063



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.2364, 0.3101, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2254, 0.3066, 0.4063 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(172, 240, 176)` looks like.

```
.text, #text, p{  
    color:rgb(172, 240, 176)  
}
```

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(172, 240, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 240, 176) }
```

Border

The CSS property to change the border of an element to Yxy 74.2254, 0.3066, 0.4063 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(172, 240, 176) }
```

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

```
.border{ border-color:rgb(172, 240, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 240, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 240, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 240, 176); box-shadow:4px 4px 4px 4px rgb(172, 240, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2254, 0.3066, 0.4063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 240, 176) }
```

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

```
.background{ background-color: rgb(172,  
240, 176) }
```

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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