

Converting Colors

$Yxy(74.7543, 0.3278, 0.4131)$

Have a look what the booklet for
Yxy(74.7543, 0.3278, 0.4131)
contains.

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Color

Yxy(74.7543, 0.3278, 0.4131)

Conversions

Conversions Part 1

Format	Color
Hex	C2EDA5
RGB	194, 237, 165
RGB Percent	76%, 93%, 65%
CMY	0.2393, 0.0705, 0.3530
CMYK	0.18, 0.00, 0.30, 0.07
HSL	96°, 67%, 79%
HSV	96°, 30%, 93%
XYZ	59.3185, 74.7543, 46.8866
YIQ	215.9350, -2.5160, -31.5080

Conversions

Conversions Part 2

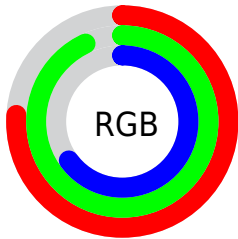
Format	Color
RYB	165, 237, 208
Decimal	12774821
CIELab	89.28, -26.50, 30.48
CIElCh	89, 40.390, 130.995
Yxy	74.7543, 0.3278, 0.4131
Android (android.graphics.Color)	4290964901 (0xFFC2EDA5)
YUV	215.9350, -25.1110, -19.2370
Hunter-Lab	86.4606, -28.8415, 28.3701

Details

The Yxy color **74.7543, 0.3278, 0.4131** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **46.4263, 0.2922, 0.2478**, and the grayscale version is **68.7966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1965, 0.3307, 0.3634**, and **39.7066, 0.3300, 0.4353** is the 20% darker color. If you saturate the color by 10%, you get **72.1885, 0.3317, 0.4443**, and if you desaturate by 10%, it is **77.6650, 0.3232, 0.3832**.

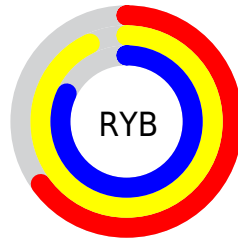
Distribution



Red (76%)

Green (93%)

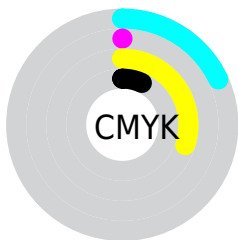
Blue (65%)



Red (65%)

Yellow (93%)

Blue (82%)

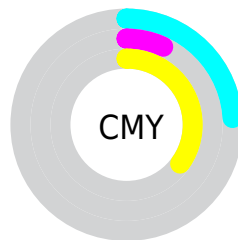


Cyan (18%)

Magenta (0%)

Yellow (30%)

Black (7%)



Cyan (24%)


Magenta (7%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7543, 0.3278, 0.4131 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 74.7543, 0.3278, 0.4131 by changing the saturation by 10% instead.

 74.7543, 0.3278,
0.4131


 74.7543, 0.3278,
0.4131


477.0726, 0.3219,
0.3728

 55.4116, 0.3288,
0.4226

 125.9645, 0.3260,
0.3989

 39.7314, 0.3299,
0.4345


 158.6008, 0.3252,
0.3934

 27.3292, 0.3310,
0.4497

196.4371, 0.3245,
0.3887

 17.8206, 0.3319,
0.4698

239.8579, 0.3239,
0.3847

 10.8213, 0.3320,
0.4975

289.2474, 0.3233,
0.3811

 5.9468, 0.3298,
0.5376


344.9901, 0.3228,

 2.8127, 0.3337,


0.3780

0.6236


407.4704, 0.3223,
0.3753


 1.0348, 0.2415,
0.7585


 0.0000, 0.0000,
0.0000


 74.7543, 0.3278,
0.4131


 74.7543, 0.3278,
0.4131

 72.1885, 0.3317,
0.4443


 77.6650, 0.3232,
0.3832


 69.9439, 0.3345,
0.4757

 80.9237, 0.3181,
0.3554

 68.0091, 0.3358,
0.5057

 84.5460, 0.3129,
0.3300

 66.3676, 0.3353,
0.5328

 88.2317, 0.3107,
0.3115

■ 65.0014, 0.3329,
0.5550

■ 89.0548, 0.3135,
0.3117

■ 63.8896, 0.3286,
0.5713

■ 63.0315, 0.3234,
0.5815

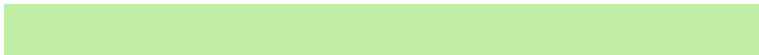
Harmonies

Analogous

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



74.7543, 0.3727, 0.4128



74.7543, 0.3278, 0.4131



74.7543, 0.2809, 0.3848

Triad

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



74.7543, 0.3278, 0.4131



74.7543, 0.2289, 0.2631



74.7543, 0.3845, 0.3147

Complementary

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



74.7543, 0.3278, 0.4131



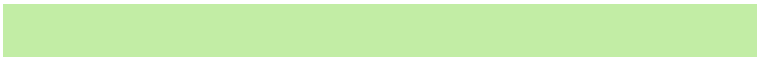
46.4263, 0.2922, 0.2478

Split Complementary

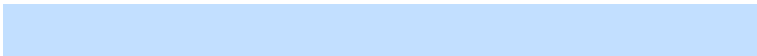
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7543, 0.3408, 0.2814



74.7543, 0.3278, 0.4131



74.7543, 0.2519, 0.2519

Square

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



74.7543, 0.3278, 0.4131



74.7543, 0.2262, 0.2932



74.7543, 0.2918, 0.2590



74.7543, 0.4077, 0.3529

Rectangle

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



74.7543, 0.3278, 0.4131



74.7543, 0.2548, 0.3546



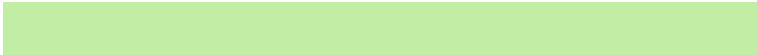
74.7543, 0.2918, 0.2590



74.7543, 0.3715, 0.3027

Sweetspot

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



74.7575, 0.3278, 0.4131



96.1012, 0.3174, 0.3518



65.3457, 0.3676, 0.3751



20.4418, 0.3182, 0.3557



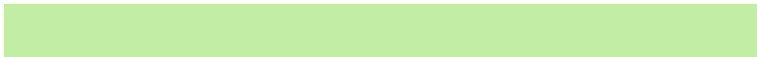
0.0000, 0.0000, 0.0000



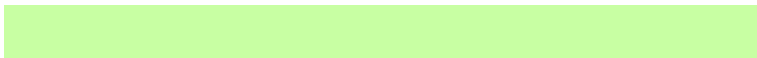
21.4041, 0.3127, 0.3290

Same Dimension

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



74.7575, 0.3278, 0.4131



86.4740, 0.3302, 0.4309



71.5107, 0.3051, 0.4106



17.1581, 0.3176, 0.3529



34.4810, 0.3245, 0.5805



2.7623, 0.3354, 0.5719

Inverse Universe

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



46.4263, 0.2922, 0.2478



48.3959, 0.2872, 0.2312



50.6774, 0.3211, 0.2591



14.9938, 0.3074, 0.3053



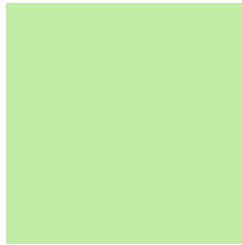
6.5353, 0.2227, 0.1001



0.5690, 0.2360, 0.1074

Previews

White Background



This preview shows how the Yxy color 74.7543, 0.3278, 0.4131 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 74.7543, 0.3278, 0.4131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

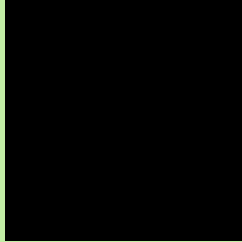
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7543, 0.3278, 0.4131

Background



This preview shows how black text looks on a background with the Yxy color 74.7543, 0.3278, 0.4131.

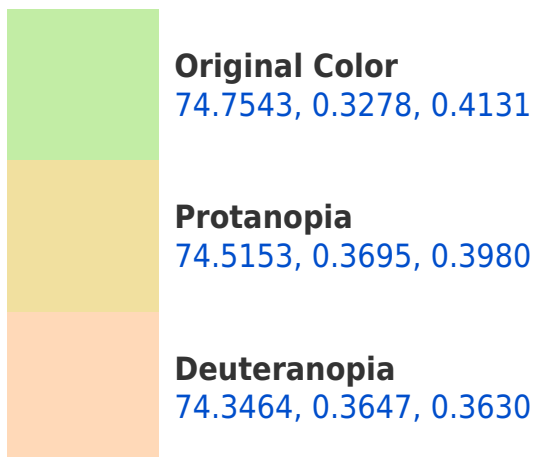


This preview shows how white text looks on a background with the Yxy color 74.7543, 0.3278, 0.4131.

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

74.6526, 0.2878, 0.3095

Trichromacy



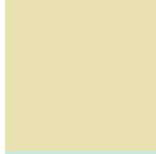
Original Color

74.7543, 0.3278, 0.4131



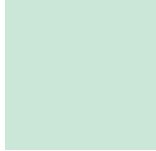
Protanomaly

74.4591, 0.3537, 0.4040



Deuteranomaly

73.8093, 0.3511, 0.3800



Tritanomaly

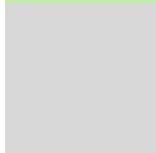
74.6663, 0.3025, 0.3458

Monochromacy



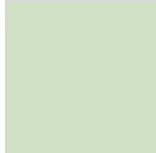
Original Color

74.7543, 0.3278, 0.4131



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.7524, 0.3190, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7543, 0.3278, 0.4131 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(194, 237, 165)` looks like.

```
.text, #text, p{  
    color:rgb(194, 237, 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(194, 237, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 237, 165) }
```

Border

The CSS property to change the border of an element to Yxy 74.7543, 0.3278, 0.4131 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(194, 237, 165) }
```

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

```
.border{ border-color:rgb(194, 237, 165) }
```

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

Here you see how a box with a 4 pixel rgb(194, 237, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 237, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 237, 165);  
box-shadow:4px 4px 4px 4px rgb(194, 237,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7543, 0.3278, 0.4131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 237, 165) }
```

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

```
.background{ background-color: rgb(194,  
237, 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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