

Converting Colors

Yxy(74.3926, 0.3396, 0.4120)

Have a look what the booklet for
Yxy(74.3926, 0.3396, 0.4120)
contains.

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Color

Yxy(74.5407, 0.3392, 0.4125)

Conversions

Conversions Part 1

Format	Color
Hex	CEEAA1
RGB	206, 234, 161
RGB Percent	81%, 92%, 63%
CMY	0.1924, 0.0823, 0.3687
CMYK	0.12, 0.00, 0.31, 0.08
HSL	83°, 64%, 77%
HSV	83°, 31%, 92%
XYZ	61.2950, 74.5407, 44.8690
YIQ	217.3060, 6.7450, -28.6390

Conversions

Conversions Part 2

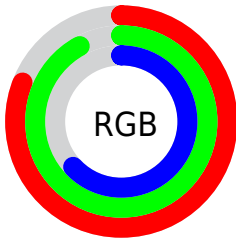
Format	Color
RYB	161, 234, 189
Decimal	13560481
CIELab	89.18, -21.37, 32.51
CIELCh	89, 38.904, 123.317
Yxy	74.5407, 0.3392, 0.4125
Android (android.graphics.Color)	4291750561 (0xFFCEEAA1)
YUV	217.3060, -27.7589, -9.9154
Hunter-Lab	86.3370, -24.3633, 29.6231

Details

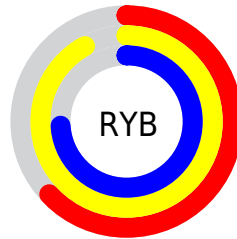
The Yxy color **74.5407, 0.3392, 0.4125** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **42.2560, 0.2788, 0.2424**, and the grayscale version is **69.7935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **39.5242, 0.3440, 0.4324** is the 20% darker color. If you saturate the color by 10%, you get **72.5432, 0.3466, 0.4412**, and if you desaturate by 10%, it is **76.7730, 0.3310, 0.3843**.

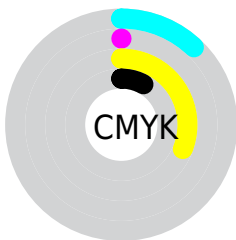
Distribution



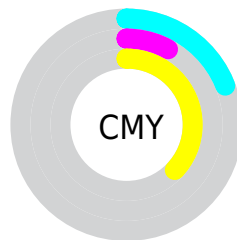
- Red (81%)
- Green (92%)
- Blue (63%)



- Red (63%)
- Yellow (92%)
- Blue (74%)



- Cyan (12%)
- Magenta (0%)
- Yellow (31%)
- Black (8%)



- Cyan (19%)
- Magenta (8%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5407, 0.3392, 0.4125 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 74.5407, 0.3392, 0.4125 by changing the saturation by 10% instead.


 74.5407, 0.3392,
0.4125

 74.5407, 0.3392,
0.4125


476.3374, 0.3280,
0.3728

 55.2367, 0.3414,
0.4218


 125.6620, 0.3356,
0.3985

 39.5913, 0.3440,
0.4333


 158.2481, 0.3341,
0.3932

 27.2200, 0.3470,
0.4479


196.0303, 0.3327,
0.3885

 17.7385, 0.3502,
0.4672

239.3931, 0.3316,
0.3845

 10.7624, 0.3535,
0.4933

288.7208, 0.3305,
0.3811

 5.9073, 0.3556,
0.5302


344.3978, 0.3296,

 2.7888, 0.3728,

0.3780

0.6186


406.8085, 0.3288,
0.3752

 1.0225, 0.3028,
0.6972


 0.0000, 0.0000,
0.0000


 74.5407, 0.3392,
0.4125


 74.5407, 0.3392,
0.4125


 72.5432, 0.3466,
0.4412

 76.7730, 0.3310,
0.3843


 70.7609, 0.3528,
0.4693

 79.2395, 0.3224,
0.3572

 69.1862, 0.3572,
0.4954

 81.9520, 0.3137,
0.3319

 67.8073, 0.3594,
0.5184

 84.9186, 0.3053,
0.3086

■ 66.6106, 0.3592,
0.5369

■ 86.5759, 0.3110,
0.3086

■ 65.5803, 0.3566,
0.5502

■ 87.3386, 0.3137,
0.3088

■ 64.7899, 0.3527,
0.5582

Harmonies

Analogous

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



74.5407, 0.3799, 0.4057



74.5407, 0.3392, 0.4125



74.5407, 0.2932, 0.3919

Triad

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



74.5407, 0.3392, 0.4125



74.5407, 0.2291, 0.2712



74.5407, 0.3725, 0.3063

Complementary

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



74.5407, 0.3392, 0.4125



42.2560, 0.2788, 0.2424

Split Complementary

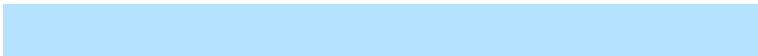
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5407, 0.3276, 0.2762



74.5407, 0.3392, 0.4125



74.5407, 0.2465, 0.2555

Square

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



74.5407, 0.3392, 0.4125



74.5407, 0.2317, 0.3048



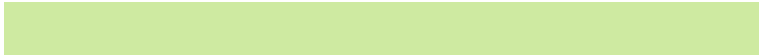
74.5407, 0.2815, 0.2579



74.5407, 0.4010, 0.3428

Rectangle

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



74.5407, 0.3392, 0.4125



74.5407, 0.2658, 0.3654



74.5407, 0.2815, 0.2579



74.5407, 0.3586, 0.2952

Sweetspot

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



74.5440, 0.3392, 0.4125



96.9733, 0.3205, 0.3516



56.4578, 0.3741, 0.3606



20.6565, 0.3218, 0.3554



0.0000, 0.0000, 0.0000



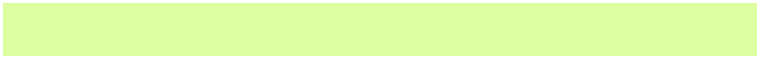
21.4041, 0.3127, 0.3290

Same Dimension

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



74.5440, 0.3392, 0.4125



89.0968, 0.3438, 0.4296



69.9229, 0.3139, 0.4194



17.3210, 0.3209, 0.3527



36.4750, 0.3537, 0.5574



2.9192, 0.3627, 0.5502

Inverse Universe

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



42.2560, 0.2788, 0.2424



44.4491, 0.2707, 0.2239



47.5159, 0.3091, 0.2498



14.8313, 0.3040, 0.3051



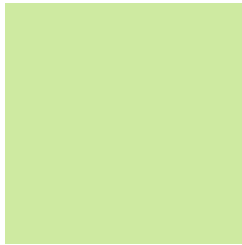
4.6266, 0.1822, 0.0777



0.4172, 0.1976, 0.0862

Previews

White Background



This preview shows how the Yxy color 74.5407, 0.3392, 0.4125 looks on a white background.

Color Contrast Check

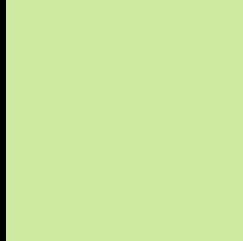
Large Text (above 18pt) WCAG AA × Fail

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 74.5407, 0.3392, 0.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

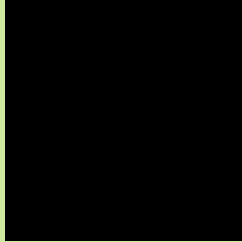
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5407, 0.3392, 0.4125

Background



This preview shows how black text looks on a background with the Yxy color 74.5407, 0.3392, 0.4125.

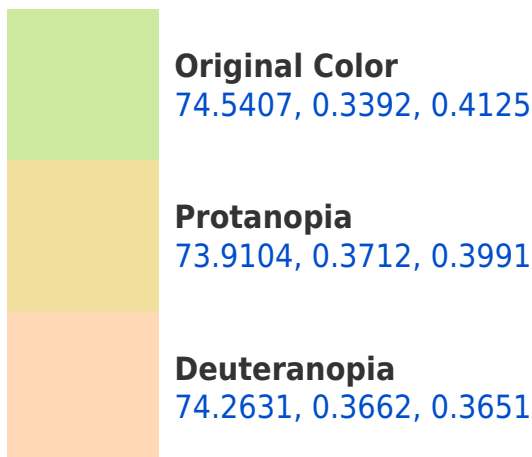


This preview shows how white text looks on a background with the Yxy color 74.5407, 0.3392, 0.4125.

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

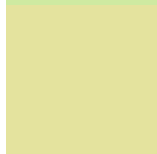
74.4738, 0.2966, 0.3098

Trichromacy



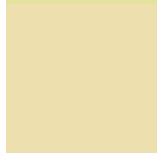
Original Color

74.5407, 0.3392, 0.4125



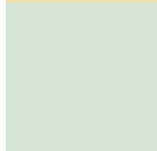
Protanomaly

73.9008, 0.3593, 0.4045



Deuteranomaly

73.8359, 0.3564, 0.3817



Tritanomaly

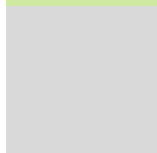
74.4370, 0.3119, 0.3456

Monochromacy



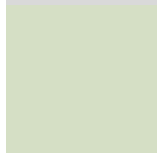
Original Color

74.5407, 0.3392, 0.4125



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

70.9527, 0.3227, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5407, 0.3392, 0.4125 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(206, 234, 161)` looks like.

```
.text, #text, p{  
    color:rgb(206, 234, 161)  
}
```

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(206, 234, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 234, 161) }
```

Border

The CSS property to change the border of an element to Yxy 74.5407, 0.3392, 0.4125 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(206, 234, 161) }
```

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

```
.border{ border-color:rgb(206, 234, 161) }
```

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

Here you see how a box with a 4 pixel rgb(206, 234, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 234, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 234, 161);  
box-shadow:4px 4px 4px 4px rgb(206, 234,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5407, 0.3392, 0.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 234, 161) }
```

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

```
.background{ background-color: rgb(206,  
234, 161) }
```

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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