

Converting Colors

$Yxy(76.8146, 0.3231, 0.3749)$

Have a look what the booklet for
Yxy(76.8146, 0.3231, 0.3749)
contains.

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Color

Yxy(76.6929, 0.3235, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	D4EAC1
RGB	212, 234, 193
RGB Percent	83%, 92%, 76%
CMY	0.1684, 0.0824, 0.2431
CMYK	0.09, 0.00, 0.18, 0.08
HSL	92°, 49%, 84%
HSV	92°, 18%, 92%
XYZ	66.2134, 76.6929, 61.7719
YIQ	222.7480, 0.0490, -17.4150

Conversions

Conversions Part 2

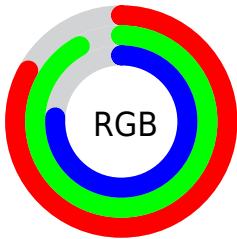
Format	Color
RYB	193, 234, 215
Decimal	13953729
CIELab	90.18, -14.43, 17.50
CIElCh	90, 22.685, 129.510
Yxy	76.6929, 0.3235, 0.3747
Android (android.graphics.Color)	4292143809 (0xFFD4EAC1)
YUV	222.7480, -14.6658, -9.4260
Hunter-Lab	87.5745, -18.2949, 19.4811

Details

The Yxy color **76.6929, 0.3235, 0.3747** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.5238, 0.3002, 0.2837**, and the grayscale version is **73.7185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **40.8730, 0.3258, 0.3861** is the 20% darker color. If you saturate the color by 10%, you get **73.9429, 0.3293, 0.4036**, and if you desaturate by 10%, it is **79.7591, 0.3174, 0.3478**.

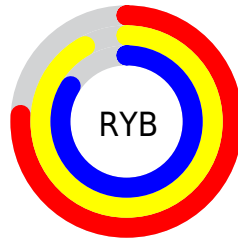
Distribution



Red (83%)

Green (92%)

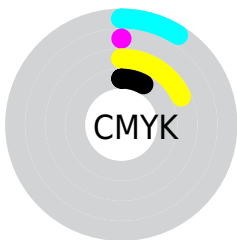
Blue (76%)



Red (76%)

Yellow (92%)

Blue (84%)

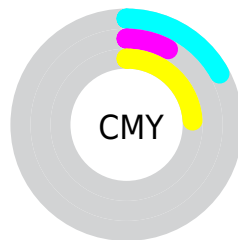


Cyan (9%)

Magenta (0%)

Yellow (18%)

Black (8%)



Cyan (17%)


Magenta (8%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.6929, 0.3235, 0.3747 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 76.6929, 0.3235, 0.3747 by changing the saturation by 10% instead.


 76.6929, 0.3235,
0.3747

 76.6929, 0.3235,
0.3747


483.7163, 0.3188,
0.3532

 57.0009, 0.3245,
0.3797


 128.7059, 0.3219,
0.3672

 41.0059, 0.3256,
0.3859


161.7956, 0.3213,
0.3643

 28.3237, 0.3271,
0.3938


200.1201, 0.3208,
0.3618

 18.5698, 0.3288,
0.4042

244.0636, 0.3203,
0.3596

 11.3599, 0.3308,
0.4185

294.0105, 0.3199,
0.3577

 6.3094, 0.3333,
0.4395


350.3454, 0.3195,


 3.0341, 0.3357,


0.3561


0.4727


413.4525, 0.3191,
0.3546


 1.1496, 0.3840,
0.6141


 0.0199, 0.0000,
1.0000


 76.6929, 0.3235,
0.3747


 76.6929, 0.3235,
0.3747


 73.9429, 0.3293,
0.4036


 79.7591, 0.3174,
0.3478


 71.4882, 0.3345,
0.4338

 83.1420, 0.3112,
0.3231

 69.3203, 0.3387,
0.4644

 86.3146, 0.3101,
0.3085

 67.4266, 0.3413,
0.4940

 87.3195, 0.3137,
0.3088

■ 65.7933, 0.3422,
0.5211

■ 64.4051, 0.3409,
0.5440

■ 63.2444, 0.3375,
0.5615

■ 62.2891, 0.3323,
0.5731

■ 62.0758, 0.3309,
0.5754

Harmonies

Analogous

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



76.6929, 0.3481, 0.3754



76.6929, 0.3235, 0.3747



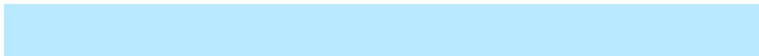
76.6929, 0.2967, 0.3601

Triad

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



76.6929, 0.3235, 0.3747



76.6929, 0.2640, 0.2928



76.6929, 0.3515, 0.3205

Complementary

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



76.6929, 0.3235, 0.3747



58.5238, 0.3002, 0.2837

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.



76.6929, 0.3275, 0.3007



76.6929, 0.3235, 0.3747



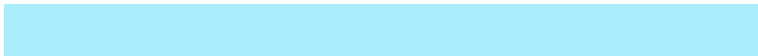
76.6929, 0.2773, 0.2847

Square

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



76.6929, 0.3235, 0.3747



76.6929, 0.2632, 0.3113



76.6929, 0.3002, 0.2878



76.6929, 0.3649, 0.3431

Rectangle

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



76.6929, 0.3235, 0.3747



76.6929, 0.2813, 0.3447



76.6929, 0.3002, 0.2878



76.6929, 0.3444, 0.3134

Sweetspot

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



76.6962, 0.3235, 0.3747



97.9346, 0.3158, 0.3414



69.8745, 0.3424, 0.3528



20.9016, 0.3163, 0.3432



0.0000, 0.0000, 0.0000



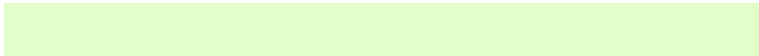
21.4041, 0.3127, 0.3290

Same Dimension

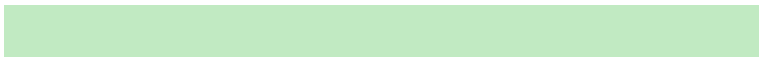
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6962, 0.3235, 0.3747



91.9823, 0.3256, 0.3849



74.0907, 0.3097, 0.3749



17.2052, 0.3186, 0.3529



34.9602, 0.3320, 0.5746



2.8019, 0.3427, 0.5661

Inverse Universe

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



58.5238, 0.3002, 0.2837



66.0443, 0.2971, 0.2737



61.4979, 0.3158, 0.2870



14.9458, 0.3064, 0.3052



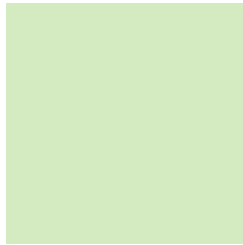
5.8738, 0.2095, 0.0928



0.5184, 0.2240, 0.1008

Previews

White Background



This preview shows how the Yxy color 76.6929, 0.3235, 0.3747 looks on a white background.

Color Contrast Check

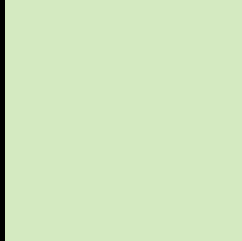
Large Text (above 18pt) WCAG AA × Fail

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 76.6929, 0.3235, 0.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

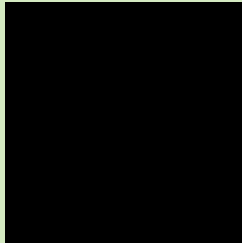
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

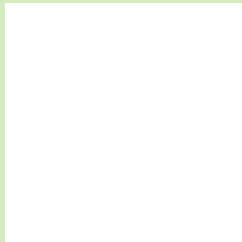
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6929, 0.3235, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 76.6929, 0.3235, 0.3747.

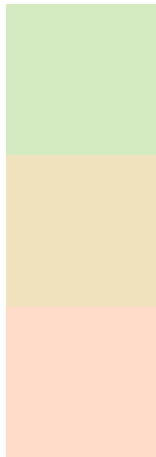


This preview shows how white text looks on a background with the Yxy color 76.6929, 0.3235, 0.3747.

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



Original Color

76.6929, 0.3235, 0.3747

Protanopia

76.4176, 0.3469, 0.3683

Deuteranopia

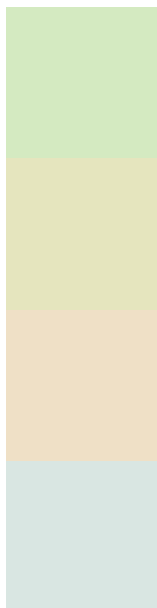
76.1401, 0.3519, 0.3474



Tritanopia

76.7464, 0.2968, 0.3100

Trichromacy



Original Color

76.6929, 0.3235, 0.3747

Protanomaly

76.4143, 0.3383, 0.3712

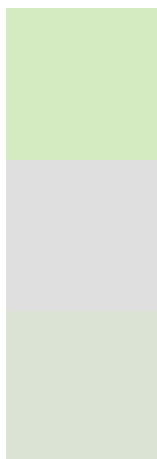
Deuteranomaly

75.7392, 0.3411, 0.3566

Tritanomaly

76.8363, 0.3064, 0.3333

Monochromacy



Original Color

76.6929, 0.3235, 0.3747

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.7517, 0.3168, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6929, 0.3235, 0.3747 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(212, 234, 193)` looks like.

```
.text, #text, p{  
    color:rgb(212, 234, 193)  
}
```

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(212, 234, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 234, 193) }
```

Border

The CSS property to change the border of an element to Yxy 76.6929, 0.3235, 0.3747 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(212, 234, 193) }
```

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

```
.border{ border-color:rgb(212, 234, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 234, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 234, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 234, 193);  
box-shadow:4px 4px 4px 4px rgb(212, 234,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6929, 0.3235, 0.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 234, 193) }
```

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

```
.background{ background-color: rgb(212,  
234, 193) }
```

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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