

Converting Colors

$Yxy(77.1804, 0.3243, 0.3829)$

Have a look what the booklet for
Yxy(77.1804, 0.3243, 0.3829)
contains.

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Color

Yxy(77.1771, 0.3243, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	D1ECBC
RGB	209, 236, 188
RGB Percent	82%, 93%, 74%
CMY	0.1804, 0.0745, 0.2628
CMYK	0.11, 0.00, 0.20, 0.07
HSL	94°, 56%, 83%
HSV	94°, 20%, 93%
XYZ	65.3657, 77.1771, 59.0166
YIQ	222.4550, -0.6840, -20.6520

Conversions

Conversions Part 2

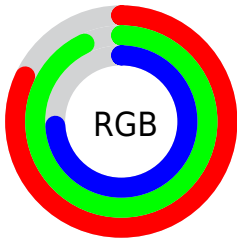
Format	Color
R _Y B	188, 236, 215
Decimal	13757628
CIE Lab	90.40, -17.29, 20.39
CIE LCh	90, 26.733, 130.308
Yxy	77.1771, 0.3243, 0.3829
Android (android.graphics.Color)	4291947708 (0xFFD1ECBC)
YUV	222.4550, -16.9863, -11.8000
Hunter-Lab	87.8505, -20.9243, 21.6652

Details

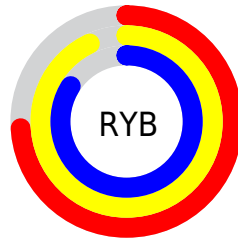
The Yxy color **77.1771, 0.3243, 0.3829** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.4595, 0.2988, 0.2759**, and the grayscale version is **73.5094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **41.2618, 0.3259, 0.3953** is the 20% darker color. If you saturate the color by 10%, you get **74.3888, 0.3295, 0.4125**, and if you desaturate by 10%, it is **80.2998, 0.3187, 0.3552**.

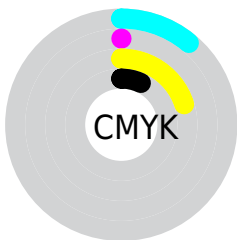
Distribution



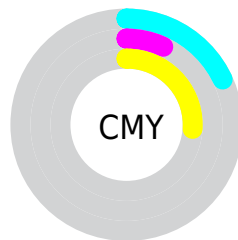
- Red (82%)
- Green (93%)
- Blue (74%)



- Red (74%)
- Yellow (93%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (7%)





- Cyan (18%)
- Magenta (7%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.1771, 0.3243, 0.3829 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 77.1771, 0.3243, 0.3829 by changing the saturation by 10% instead.


 77.1771, 0.3243,
0.3829

 77.1771, 0.3243,
0.3829


485.3676, 0.3194,
0.3575

 57.3982, 0.3253,
0.3888


 129.3894, 0.3227,
0.3740

 41.3251, 0.3265,
0.3961

162.5917, 0.3220,
0.3706

 28.5732, 0.3278,
0.4055


201.0373, 0.3215,
0.3676

 18.7582, 0.3295,
0.4179

245.1104, 0.3210,
0.3651

 11.4957, 0.3313,
0.4349

295.1957, 0.3205,
0.3628

 6.4013, 0.3331,
0.4597

351.6774, 0.3201,

 3.0906, 0.3340,

0.3608

0.4988

414.9399, 0.3197,
0.3591

■ 1.1792, 0.3632,
0.6368

■ 0.0446, 0.0000,
1.0000

■ 77.1771, 0.3243,
0.3829

■ 77.1771, 0.3243,
0.3829

■ 74.3888, 0.3295,
0.4125

■ 80.2998, 0.3187,
0.3552

■ 71.9128, 0.3340,
0.4432

■ 83.7581, 0.3129,
0.3298

■ 69.7396, 0.3374,
0.4741

■ 87.3201, 0.3095,
0.3105

■ 67.8555, 0.3392,
0.5036

■ 88.4747, 0.3136,
0.3107

■ 66.2453, 0.3391,
0.5301

■ 64.8921, 0.3369,
0.5520

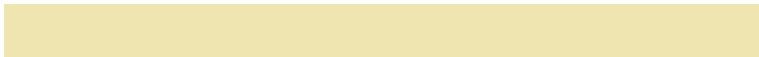
■ 63.7764, 0.3328,
0.5680

■ 62.8964, 0.3275,
0.5782

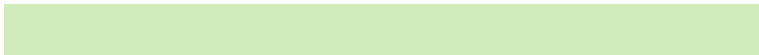
Harmonies

Analogous

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



77.1771, 0.3535, 0.3838



77.1771, 0.3243, 0.3829



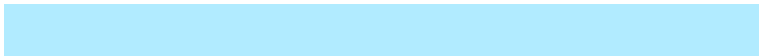
77.1771, 0.2930, 0.3651

Triad

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



77.1771, 0.3243, 0.3829



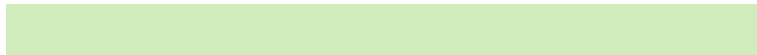
77.1771, 0.2561, 0.2860



77.1771, 0.3590, 0.3195

Complementary

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



77.1771, 0.3243, 0.3829



56.4595, 0.2988, 0.2759

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.



77.1771, 0.3308, 0.2965



77.1771, 0.3243, 0.3829



77.1771, 0.2718, 0.2772

Square

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



77.1771, 0.3243, 0.3829



77.1771, 0.2547, 0.3071



77.1771, 0.2987, 0.2812



77.1771, 0.3745, 0.3458

Rectangle

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



77.1771, 0.3243, 0.3829



77.1771, 0.2751, 0.3466



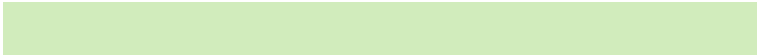
77.1771, 0.2987, 0.2812



77.1771, 0.3506, 0.3113

Sweetspot

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



77.1804, 0.3243, 0.3829



97.4582, 0.3162, 0.3440



69.7573, 0.3477, 0.3577



20.8028, 0.3166, 0.3456



0.0000, 0.0000, 0.0000



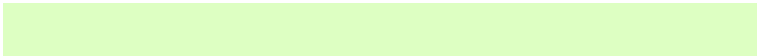
21.4041, 0.3127, 0.3290

Same Dimension

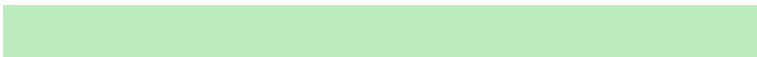
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.1804, 0.3243, 0.3829



90.7138, 0.3263, 0.3938



74.4181, 0.3086, 0.3824



17.1847, 0.3182, 0.3529



34.7411, 0.3287, 0.5773



2.7840, 0.3395, 0.5687

Inverse Universe

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



56.4595, 0.2988, 0.2759



62.2431, 0.2957, 0.2654



59.7101, 0.3169, 0.2809



14.9667, 0.3068, 0.3053



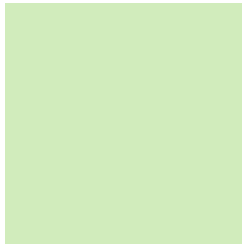
6.1513, 0.2151, 0.0959



0.5398, 0.2292, 0.1036

Previews

White Background



This preview shows how the Yxy color 77.1771, 0.3243, 0.3829 looks on a white background.

Color Contrast Check

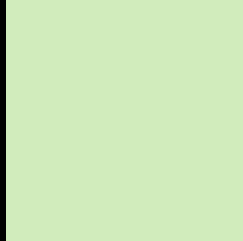
Large Text (above 18pt) WCAG AA × Fail

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 77.1771, 0.3243, 0.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

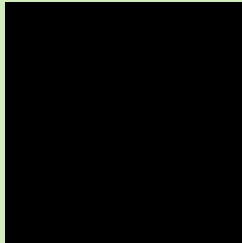
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

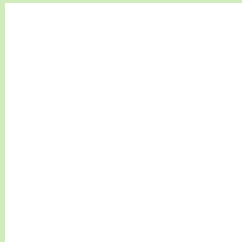
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.1771, 0.3243, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 77.1771, 0.3243, 0.3829.

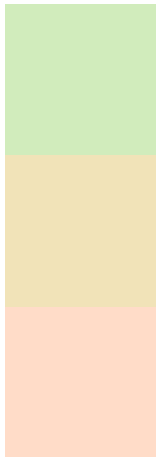


This preview shows how white text looks on a background with the Yxy color 77.1771, 0.3243, 0.3829.

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

77.1771, 0.3243, 0.3829

Protanopia

77.0996, 0.3516, 0.3744

Deuteranopia

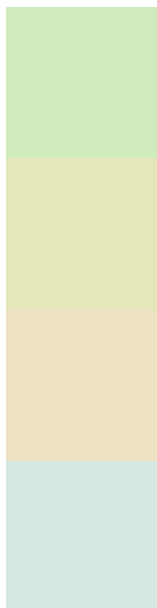
76.6165, 0.3524, 0.3495



Tritanopia

77.0461, 0.2949, 0.3100

Trichromacy



Original Color

77.1771, 0.3243, 0.3829

Protanomaly

76.7544, 0.3414, 0.3778

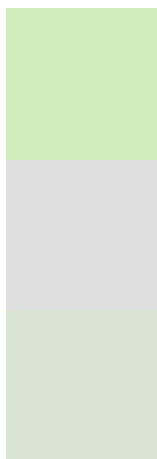
Deuteranomaly

76.5554, 0.3413, 0.3608

Tritanomaly

77.0351, 0.3057, 0.3355

Monochromacy



Original Color

77.1771, 0.3243, 0.3829

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.3430, 0.3167, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.1771, 0.3243, 0.3829 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(209, 236, 188)` looks like.

```
.text, #text, p{  
    color:rgb(209, 236, 188)  
}
```

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(209, 236, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 236, 188) }
```

Border

The CSS property to change the border of an element to Yxy 77.1771, 0.3243, 0.3829 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(209, 236, 188) }
```

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

```
.border{ border-color:rgb(209, 236, 188) }
```

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

Here you see how a box with a 4 pixel rgb(209, 236, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 236, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 236, 188);  
box-shadow:4px 4px 4px 4px rgb(209, 236,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 77.1771, 0.3243, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 236, 188) }
```

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

```
.background{ background-color: rgb(209,  
236, 188) }
```

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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