

Converting Colors

$Yxy(78.1388, 0.3268, 0.3907)$

Have a look what the booklet for
Yxy(78.1388, 0.3268, 0.3907)
contains.

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Color

Yxy(78.1233, 0.3271, 0.3907)

Conversions

Conversions Part 1

Format	Color
Hex	D1EEB7
RGB	209, 238, 183
RGB Percent	82%, 93%, 72%
CMY	0.1806, 0.0666, 0.2824
CMYK	0.12, 0.00, 0.23, 0.07
HSL	92°, 62%, 83%
HSV	92°, 23%, 93%
XYZ	65.4060, 78.1233, 56.4279
YIQ	223.0590, 0.3710, -23.2530

Conversions

Conversions Part 2

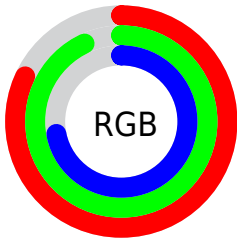
Format	Color
RYB	183, 238, 212
Decimal	13758135
CIELab	90.84, -19.07, 23.55
CIELCh	91, 30.304, 128.995
Yxy	78.1233, 0.3271, 0.3907
Android (android.graphics.Color)	4291948215 (0xFFD1EEB7)
YUV	223.0590, -19.7491, -12.3297
Hunter-Lab	88.3874, -22.5892, 24.0195

Details

The Yxy color **78.1233, 0.3271, 0.3907** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.0447, 0.2951, 0.2678**, and the grayscale version is **73.9752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **41.9376, 0.3295, 0.4054** is the 20% darker color. If you saturate the color by 10%, you get **75.4564, 0.3327, 0.4204**, and if you desaturate by 10%, it is **81.1093, 0.3210, 0.3626**.

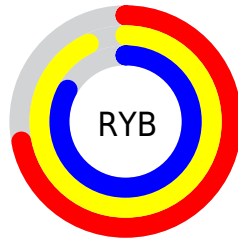
Distribution



Red (82%)

Green (93%)

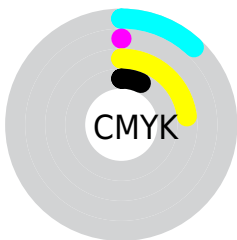
Blue (72%)



Red (72%)

Yellow (93%)

Blue (83%)

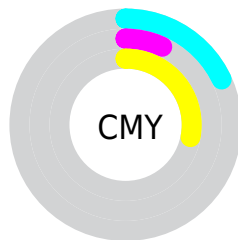


Cyan (12%)

Magenta (0%)

Yellow (23%)

Black (7%)



Cyan (18%)


Magenta (7%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1233, 0.3271, 0.3907 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 78.1233, 0.3271, 0.3907 by changing the saturation by 10% instead.


 78.1233, 0.3271,
0.3907

 78.1233, 0.3271,
0.3907


488.5855, 0.3211,
0.3616

 58.1753, 0.3283,
0.3974


 130.7239, 0.3251,
0.3805

 41.9496, 0.3297,
0.4058


164.1453, 0.3243,
0.3766

 29.0618, 0.3314,
0.4165


202.8266, 0.3236,
0.3732

 19.1276, 0.3333,
0.4306

247.1522, 0.3230,
0.3703

 11.7625, 0.3353,
0.4499

297.5065, 0.3224,
0.3677

 6.5822, 0.3372,
0.4778


354.2739, 0.3219,


 3.2022, 0.3377,


0.3654


0.5215


417.8387, 0.3215,
0.3634


 1.2382, 0.3527,
0.6473

 0.0926, 0.0000,
1.0000


 78.1233, 0.3271,
0.3907

 78.1233, 0.3271,
0.3907


 75.4564, 0.3327,
0.4204


 81.1093, 0.3210,
0.3626


 73.0866, 0.3375,
0.4509

 84.4153, 0.3147,
0.3366

 71.0048, 0.3410,
0.4811

 88.0551, 0.3084,
0.3130

 69.1972, 0.3428,
0.5094

 89.6393, 0.3135,
0.3127

■ 67.6490, 0.3425,
0.5342

■ 66.3429, 0.3401,
0.5540

■ 65.2592, 0.3356,
0.5680

■ 64.6236, 0.3318,
0.5748

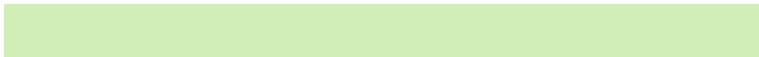
Harmonies

Analogous

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



78.1233, 0.3598, 0.3905



78.1233, 0.3271, 0.3907



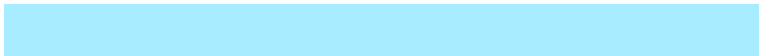
78.1233, 0.2918, 0.3713

Triad

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



78.1233, 0.3271, 0.3907



78.1233, 0.2488, 0.2812



78.1233, 0.3639, 0.3170

Complementary

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



78.1233, 0.3271, 0.3907



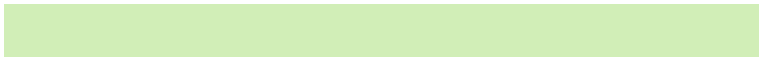
54.0447, 0.2951, 0.2678

Split Complementary

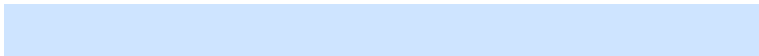
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.1233, 0.3314, 0.2916



78.1233, 0.3271, 0.3907



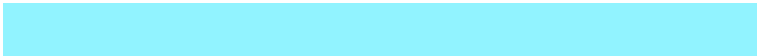
78.1233, 0.2656, 0.2710

Square

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



78.1233, 0.3271, 0.3907



78.1233, 0.2479, 0.3053



78.1233, 0.2953, 0.2751



78.1233, 0.3822, 0.3462

Rectangle

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



78.1233, 0.3271, 0.3907



78.1233, 0.2715, 0.3503



78.1233, 0.2953, 0.2751



78.1233, 0.3542, 0.3078

Sweetspot

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



78.1267, 0.3271, 0.3907



97.1587, 0.3171, 0.3465



68.3980, 0.3536, 0.3599



20.7454, 0.3175, 0.3481



0.0000, 0.0000, 0.0000



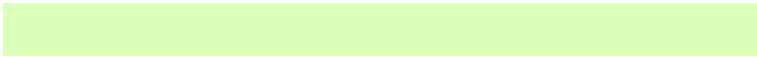
21.4041, 0.3127, 0.3290

Same Dimension

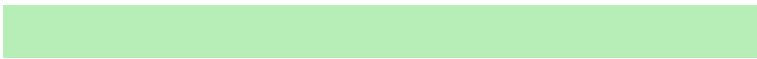
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1267, 0.3271, 0.3907



89.7596, 0.3300, 0.4054



74.6830, 0.3091, 0.3930



18.0220, 0.3187, 0.3529



36.1231, 0.3329, 0.5739



3.0639, 0.3430, 0.5659

Inverse Universe

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



54.0447, 0.2951, 0.2678



56.7564, 0.2904, 0.2535



58.1654, 0.3161, 0.2724



15.6396, 0.3062, 0.3052



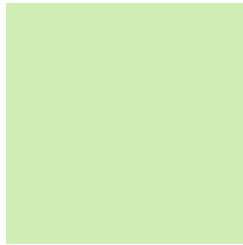
5.9841, 0.2080, 0.0919



0.5570, 0.2218, 0.0996

Previews

White Background



This preview shows how the Yxy color 78.1233, 0.3271, 0.3907 looks on a white background.

Color Contrast Check

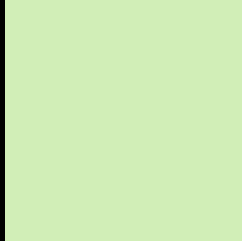
Large Text (above 18pt) WCAG AA × Fail

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 78.1233, 0.3271, 0.3907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

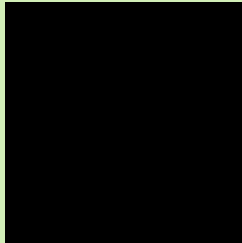
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

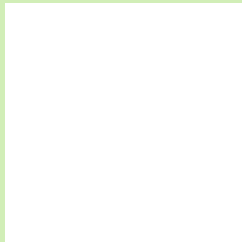
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.1233, 0.3271, 0.3907

Background



This preview shows how black text looks on a background with the Yxy color 78.1233, 0.3271, 0.3907.

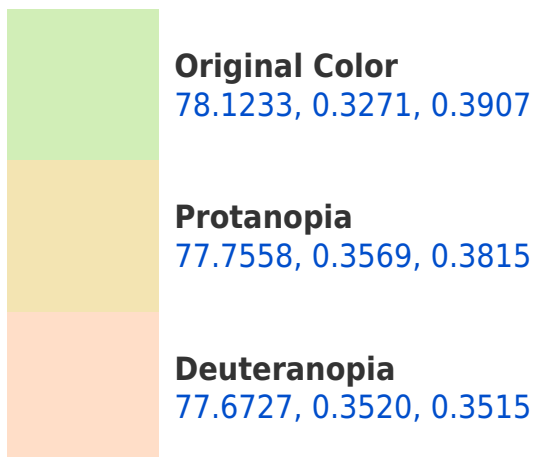


This preview shows how white text looks on a background with the Yxy color 78.1233, 0.3271, 0.3907.

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

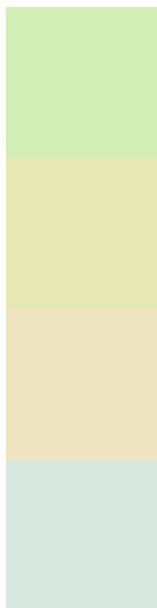




Tritanopia

77.8760, 0.2944, 0.3091

Trichromacy



Original Color

78.1233, 0.3271, 0.3907

Protanomaly

77.9974, 0.3458, 0.3850

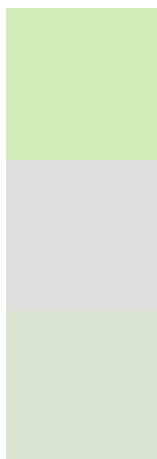
Deuteranomaly

77.5590, 0.3423, 0.3650

Tritanomaly

77.5421, 0.3063, 0.3376

Monochromacy



Original Color

78.1233, 0.3271, 0.3907

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.9463, 0.3186, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1233, 0.3271, 0.3907 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, 238, 183)` looks like.

```
.text, #text, p{  
    color:rgb(209, 238, 183)  
}
```

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, 238, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 238, 183) }
```

Border

The CSS property to change the border of an element to Yxy 78.1233, 0.3271, 0.3907 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, 238, 183) }
```

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

```
.border{ border-color:rgb(209, 238, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 238, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 238, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 238, 183);  
box-shadow:4px 4px 4px 4px rgb(209, 238,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1233, 0.3271, 0.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 238, 183) }
```

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

```
.background{ background-color: rgb(209,  
238, 183) }
```

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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