

Converting Colors

$Yxy(70.8258, 0.3221, 0.3744)$

Have a look what the booklet for
Yxy(70.8258, 0.3221, 0.3744)
contains.

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Color

Yxy(70.6771, 0.3218, 0.3741)

Conversions

Conversions Part 1

Format	Color
Hex	CBE2BB
RGB	203, 226, 187
RGB Percent	80%, 89%, 73%
CMY	0.2039, 0.1137, 0.2667
CMYK	0.10, 0.00, 0.17, 0.11
HSL	95°, 40%, 81%
HSV	95°, 17%, 89%
XYZ	60.7963, 70.6771, 57.4523
YIQ	214.6770, -1.1890, -17.0050

Conversions

Conversions Part 2

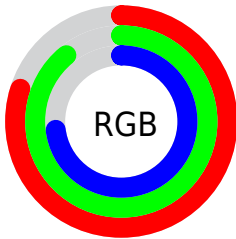
Format	Color
RYB	187, 226, 210
Decimal	13361851
CIELab	87.33, -14.57, 16.54
CIELCh	87, 22.041, 131.384
Yxy	70.6771, 0.3218, 0.3741
Android (android.graphics.Color)	4291551931 (0xFFCBE2BB)
YUV	214.6770, -13.6448, -10.2407
Hunter-Lab	84.0697, -18.0369, 18.3306

Details

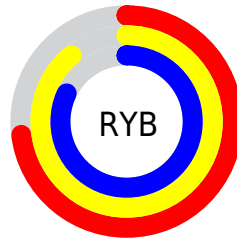
The Yxy color **70.6771, 0.3218, 0.3741** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.7346, 0.3021, 0.2847**, and the grayscale version is **67.8225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **37.2366, 0.3236, 0.3855** is the 20% darker color. If you saturate the color by 10%, you get **67.9958, 0.3267, 0.4032**, and if you desaturate by 10%, it is **73.6777, 0.3166, 0.3471**.

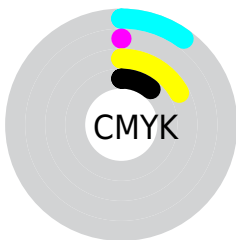
Distribution



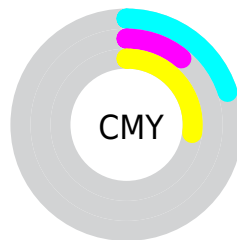
- Red (80%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (82%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (11%)




- Cyan (20%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.6771, 0.3218, 0.3741 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 70.6771, 0.3218, 0.3741 by changing the saturation by 10% instead.

 70.6771, 0.3218,
0.3741

 70.6771, 0.3218,
0.3741

462.9239, 0.3179,
0.3526

 52.0787, 0.3226,
0.3792


 120.1738, 0.3205,
0.3665

 37.0678, 0.3236,
0.3855


151.8410, 0.3200,
0.3636

 25.2600, 0.3248,
0.3937


188.6332, 0.3195,
0.3611

 16.2709, 0.3262,
0.4046

230.9349, 0.3191,
0.3589

 9.7160, 0.3279,
0.4199

279.1304, 0.3187,
0.3571

 5.2111, 0.3298,
0.4427

333.6041, 0.3184,

 2.3716, 0.3311,

0.3554

0.4801

394.7405, 0.3181,
0.3539

0.8112, 0.3386,
0.6614

0.0000, 0.0000,
0.0000

70.6771, 0.3218,
0.3741

70.6771, 0.3218,
0.3741

67.9958, 0.3267,
0.4032

73.6777, 0.3166,
0.3471

65.6134, 0.3310,
0.4339

76.9989, 0.3113,
0.3225

63.5212, 0.3343,
0.4652

80.6538, 0.3060,
0.3004

61.7064, 0.3363,
0.4957

82.8744, 0.3140,
0.3009

■ 60.1552, 0.3365,
0.5237

■ 58.8522, 0.3348,
0.5476

■ 57.7800, 0.3311,
0.5658

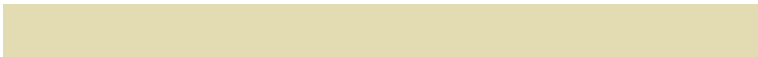
■ 56.9169, 0.3259,
0.5779

■ 56.7086, 0.3244,
0.5806

Harmonies

Analogous

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



70.6771, 0.3467, 0.3757



70.6771, 0.3218, 0.3741



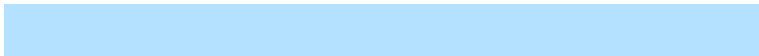
70.6771, 0.2952, 0.3587

Triad

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



70.6771, 0.3218, 0.3741



70.6771, 0.2646, 0.2920



70.6771, 0.3527, 0.3219

Complementary

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



70.6771, 0.3218, 0.3741



54.7346, 0.3021, 0.2847

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.



70.6771, 0.3291, 0.3018



70.6771, 0.3218, 0.3741



70.6771, 0.2785, 0.2846

Square

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



70.6771, 0.3218, 0.3741



70.6771, 0.2629, 0.3099



70.6771, 0.3019, 0.2884



70.6771, 0.3652, 0.3444

Rectangle

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



70.6771, 0.3218, 0.3741



70.6771, 0.2800, 0.3431



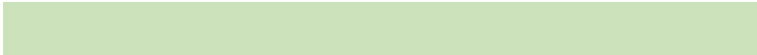
70.6771, 0.3019, 0.2884



70.6771, 0.3457, 0.3147

Sweetspot

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



70.6802, 0.3218, 0.3741



97.8078, 0.3154, 0.3414



65.7287, 0.3415, 0.3545



20.8708, 0.3158, 0.3432



0.0000, 0.0000, 0.0000



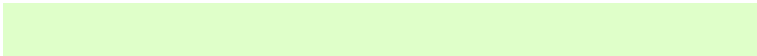
21.4041, 0.3127, 0.3290

Same Dimension

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



70.6802, 0.3218, 0.3741



91.5141, 0.3238, 0.3852



68.6884, 0.3085, 0.3717



15.6105, 0.3177, 0.3528



32.4168, 0.3255, 0.5797



2.2984, 0.3377, 0.5701

Inverse Universe

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



54.7346, 0.3021, 0.2847



66.5310, 0.2992, 0.2740



57.0258, 0.3172, 0.2898



13.6406, 0.3073, 0.3054



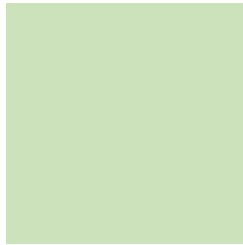
6.0602, 0.2212, 0.0992



0.4721, 0.2362, 0.1075

Previews

White Background



This preview shows how the Yxy color 70.6771, 0.3218, 0.3741 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 70.6771, 0.3218, 0.3741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

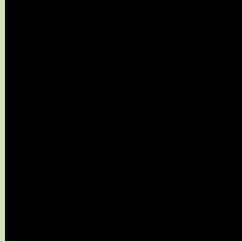
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

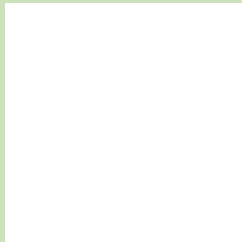
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.6771, 0.3218, 0.3741

Background



This preview shows how black text looks on a background with the Yxy color 70.6771, 0.3218, 0.3741.

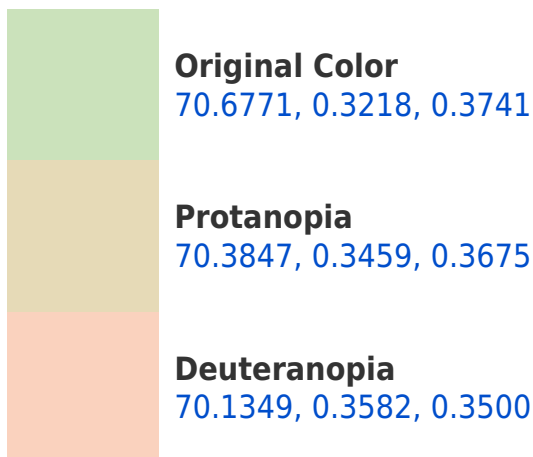


This preview shows how white text looks on a background with the Yxy color 70.6771, 0.3218, 0.3741.

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

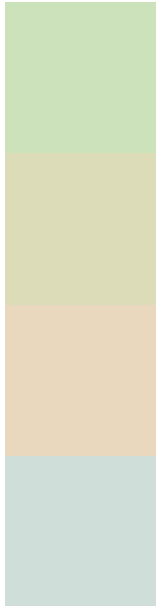




Tritanopia

70.5680, 0.2962, 0.3104

Trichromacy



Original Color

70.6771, 0.3218, 0.3741

Protanomaly

70.3892, 0.3370, 0.3705

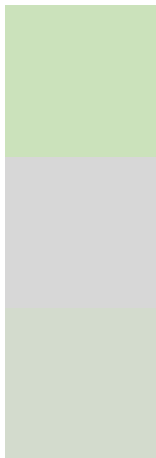
Deuteranomaly

70.1095, 0.3443, 0.3585

Tritanomaly

70.7144, 0.3055, 0.3335

Monochromacy



Original Color

70.6771, 0.3218, 0.3741

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.9197, 0.3163, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6771, 0.3218, 0.3741 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(203, 226, 187)` looks like.

```
.text, #text, p{  
    color:rgb(203, 226, 187)  
}
```

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(203, 226, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 226, 187) }
```

Border

The CSS property to change the border of an element to Yxy 70.6771, 0.3218, 0.3741 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(203, 226, 187) }
```

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

```
.border{ border-color:rgb(203, 226, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 226, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 226, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 226, 187);  
box-shadow:4px 4px 4px 4px rgb(203, 226,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6771, 0.3218, 0.3741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 226, 187) }
```

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

```
.background{ background-color: rgb(203,  
226, 187) }
```

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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