

Converting Colors

$Yxy(70.2992, 0.3247, 0.3909)$

Have a look what the booklet for
Yxy(70.2992, 0.3247, 0.3909)
contains.

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Color

Yxy(70.4523, 0.3250, 0.3913)

Conversions

Conversions Part 1

Format	Color
Hex	C5E4AF
RGB	197, 228, 175
RGB Percent	77%, 89%, 69%
CMY	0.2273, 0.1059, 0.3137
CMYK	0.14, 0.00, 0.23, 0.11
HSL	95°, 50%, 79%
HSV	95°, 23%, 89%
XYZ	58.5152, 70.4523, 51.0793
YIQ	212.6890, -1.4630, -23.0550

Conversions

Conversions Part 2

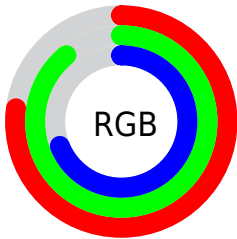
Format	Color
RYB	175, 228, 206
Decimal	12969135
CIELab	87.22, -19.56, 22.56
CIElCh	87, 29.856, 130.920
Yxy	70.4523, 0.3250, 0.3913
Android (android.graphics.Color)	4291159215 (0xFFC5E4AF)
YUV	212.6890, -18.5807, -13.7593
Hunter-Lab	83.9359, -22.4480, 22.6741

Details

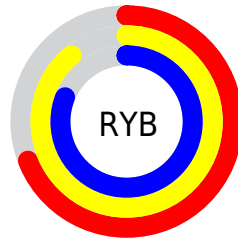
The Yxy color **70.4523, 0.3250, 0.3913** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **49.3857, 0.2974, 0.2681**, and the grayscale version is **66.4544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3604, 0.3261, 0.3523**, and **37.1319, 0.3276, 0.4084** is the 20% darker color. If you saturate the color by 10%, you get **67.9134, 0.3297, 0.4214**, and if you desaturate by 10%, it is **73.3076, 0.3198, 0.3630**.

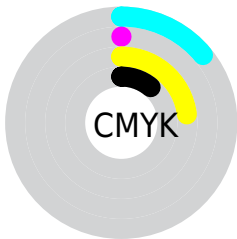
Distribution



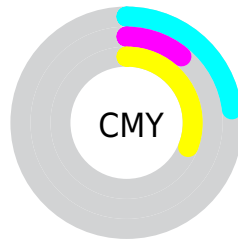
- Red (77%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (81%)



- Cyan (14%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)





- Cyan (23%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4523, 0.3250, 0.3913 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 70.4523, 0.3250, 0.3913 by changing the saturation by 10% instead.


 70.4523, 0.3250,
0.3913

 70.4523, 0.3250,
0.3913

462.1365, 0.3198,
0.3614

 51.8954, 0.3260,
0.3984


 119.8535, 0.3233,
0.3807

 36.9217, 0.3272,
0.4073


151.4666, 0.3226,
0.3766

 25.1469, 0.3286,
0.4188


188.2005, 0.3220,
0.3732

 16.1865, 0.3301,
0.4342

230.4397, 0.3215,
0.3702

 9.6562, 0.3315,
0.4557

278.5685, 0.3210,
0.3675

 5.1716, 0.3323,
0.4877

332.9713, 0.3206,

 2.3483, 0.3354,

0.3652

0.5483

394.0325, 0.3202,
0.3632

0.7991, 0.2609,
0.7391

0.0000, 0.0000,
0.0000

70.4523, 0.3250,
0.3913

70.4523, 0.3250,
0.3913

67.9134, 0.3297,
0.4214

73.3076, 0.3198,
0.3630

65.6700, 0.3335,
0.4526

76.4810, 0.3145,
0.3369

63.7126, 0.3361,
0.4835

79.9861, 0.3091,
0.3133

62.0278, 0.3371,
0.5127

83.0893, 0.3108,
0.3026

■ 60.6006, 0.3363,
0.5383

■ 83.9644, 0.3139,
0.3029

■ 59.4143, 0.3334,
0.5589

■ 58.4496, 0.3287,
0.5733

■ 57.9046, 0.3250,
0.5802

Harmonies

Analogous

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



70.4523, 0.3588, 0.3923



70.4523, 0.3250, 0.3913



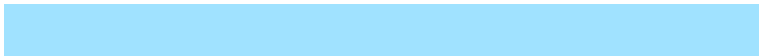
70.4523, 0.2892, 0.3703

Triad

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



70.4523, 0.3250, 0.3913



70.4523, 0.2482, 0.2791



70.4523, 0.3666, 0.3185

Complementary

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



70.4523, 0.3250, 0.3913



49.3857, 0.2974, 0.2681

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.



70.4523, 0.3341, 0.2923



70.4523, 0.3250, 0.3913



70.4523, 0.2663, 0.2697

Square

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



70.4523, 0.3250, 0.3913



70.4523, 0.2463, 0.3029



70.4523, 0.2972, 0.2748



70.4523, 0.3841, 0.3484

Rectangle

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



70.4523, 0.3250, 0.3913



70.4523, 0.2689, 0.3485



70.4523, 0.2972, 0.2748



70.4523, 0.3570, 0.3091

Sweetspot

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



70.4554, 0.3250, 0.3913



96.9782, 0.3165, 0.3466



63.6935, 0.3529, 0.3638



20.7037, 0.3168, 0.3481



0.0000, 0.0000, 0.0000



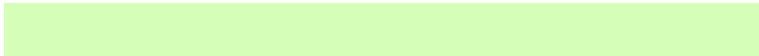
21.4041, 0.3127, 0.3290

Same Dimension

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



70.4554, 0.3250, 0.3913



89.1514, 0.3274, 0.4060



67.8724, 0.3070, 0.3887



16.3803, 0.3178, 0.3528



33.5035, 0.3261, 0.5793



2.5292, 0.3375, 0.5702

Inverse Universe

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



49.3857, 0.2974, 0.2681



57.3947, 0.2934, 0.2541



52.5186, 0.3189, 0.2758



14.3011, 0.3072, 0.3054



6.1961, 0.2200, 0.0985



0.5121, 0.2343, 0.1064

Previews

White Background



This preview shows how the Yxy color 70.4523, 0.3250, 0.3913 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 70.4523, 0.3250, 0.3913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

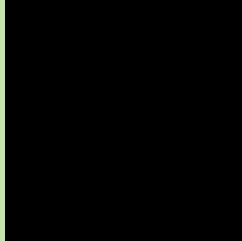
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

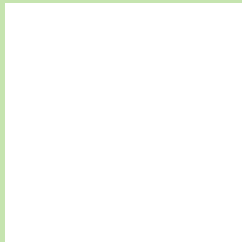
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4523, 0.3250, 0.3913

Background



This preview shows how black text looks on a background with the Yxy color 70.4523, 0.3250, 0.3913.

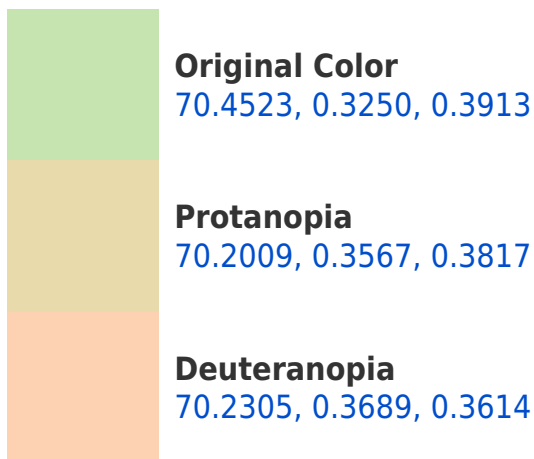


This preview shows how white text looks on a background with the Yxy color 70.4523, 0.3250, 0.3913.

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

70.5662, 0.2929, 0.3103

Trichromacy



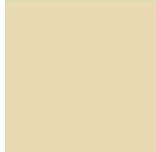
Original Color

70.4523, 0.3250, 0.3913



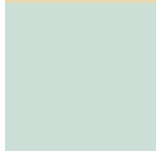
Protanomaly

70.2812, 0.3443, 0.3854



Deuteranomaly

70.1637, 0.3520, 0.3717



Tritanomaly

70.3269, 0.3046, 0.3392

Monochromacy



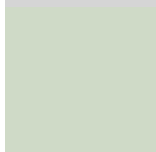
Original Color

70.4523, 0.3250, 0.3913



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

67.5317, 0.3175, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4523, 0.3250, 0.3913 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(197, 228, 175)` looks like.

```
.text, #text, p{  
    color:rgb(197, 228, 175)  
}
```

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(197, 228, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 228, 175) }
```

Border

The CSS property to change the border of an element to Yxy 70.4523, 0.3250, 0.3913 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(197, 228, 175) }
```

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

```
.border{ border-color:rgb(197, 228, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 228, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 228, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 228, 175);  
box-shadow:4px 4px 4px 4px rgb(197, 228,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4523, 0.3250, 0.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 228, 175) }
```

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

```
.background{ background-color: rgb(197,  
228, 175) }
```

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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