

Converting Colors

$Yxy(71.1389, 0.3155, 0.3545)$

Have a look what the booklet for
Yxy(71.1389, 0.3155, 0.3545)
contains.

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Color

Yxy(70.9855, 0.3158, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	D0E0CA
RGB	208, 224, 202
RGB Percent	82%, 88%, 79%
CMY	0.1841, 0.1216, 0.2078
CMYK	0.07, 0.00, 0.10, 0.12
HSL	103°, 26%, 84%
HSV	103°, 10%, 88%
XYZ	63.3434, 70.9855, 66.2518
YIQ	216.7080, -2.4740, -10.2340

Conversions

Conversions Part 2

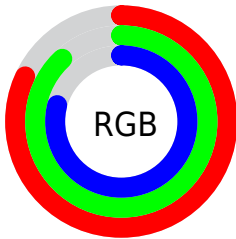
Format	Color
R_{YB}	202, 224, 218
Decimal	13689034
CIE Lab	87.48, -9.28, 8.93
CIE LCh	87, 12.885, 136.102
Yxy	70.9855, 0.3158, 0.3539
Android (android.graphics.Color)	4291879114 (0xFFD0E0CA)
YUV	216.7080, -7.2510, -7.6369
Hunter-Lab	84.2529, -13.2419, 12.3547

Details

The Yxy color **70.9855, 0.3158, 0.3539** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5287, 0.3093, 0.3047**, and the grayscale version is **69.2383, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3841, 0.3167, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **67.7679, 0.3188, 0.3820**, and if you desaturate by 10%, it is **74.6042, 0.3127, 0.3285**.

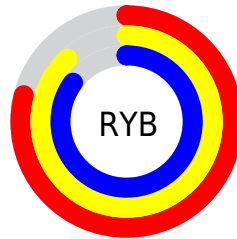
Distribution



Red (82%)

Green (88%)

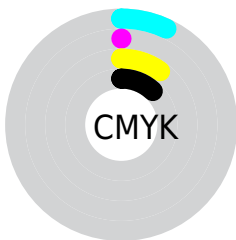
Blue (79%)



Red (79%)

Yellow (88%)

Blue (85%)

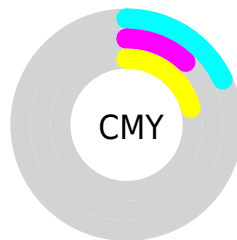


Cyan (7%)

Magenta (0%)

Yellow (10%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.9855, 0.3158, 0.3539 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 70.9855, 0.3158, 0.3539 by changing the saturation by 10% instead.

■ 70.9855, 0.3158,
0.3539

■ 70.9855, 0.3158,
0.3539

464.0027, 0.3145,
0.3421

■ 52.3304, 0.3161,
0.3566

120.6131, 0.3154,
0.3498

■ 37.2685, 0.3164,
0.3601

152.3543, 0.3152,
0.3482

■ 25.4154, 0.3168,
0.3645

189.2264, 0.3150,
0.3468

■ 16.3868, 0.3174,
0.3703

231.6136, 0.3149,
0.3456

■ 9.7983, 0.3180,
0.3785

279.9005, 0.3148,
0.3446

■ 5.2654, 0.3188,
0.3906

334.4714, 0.3146,

■ 2.4038, 0.3196,

0.3437

0.4105

395.7107, 0.3145,
0.3429

0.8279, 0.3365,
0.4973

0.0000, 0.0000,
0.0000

70.9855, 0.3158,
0.3539

70.9855, 0.3158,
0.3539

67.7679, 0.3188,
0.3820

74.6042, 0.3127,
0.3285

64.9284, 0.3214,
0.4126

78.6280, 0.3095,
0.3060

62.4554, 0.3233,
0.4450

81.7843, 0.3141,
0.2989

60.3334, 0.3244,
0.4780

■ 58.5454, 0.3243,
0.5100

■ 57.0732, 0.3229,
0.5390

■ 55.8964, 0.3201,
0.5629

■ 54.9921, 0.3161,
0.5801

■ 54.3270, 0.3114,
0.5908

Harmonies

Analogous

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



70.9855, 0.3307, 0.3565



70.9855, 0.3158, 0.3539



70.9855, 0.3003, 0.3441

Triad

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



70.9855, 0.3158, 0.3539



70.9855, 0.2851, 0.3063



70.9855, 0.3376, 0.3272

Complementary

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



70.9855, 0.3158, 0.3539



62.5287, 0.3093, 0.3047

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.



70.9855, 0.3248, 0.3145



70.9855, 0.3158, 0.3539



70.9855, 0.2945, 0.3026

Square

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



70.9855, 0.3158, 0.3539



70.9855, 0.2829, 0.3162



70.9855, 0.3090, 0.3056



70.9855, 0.3435, 0.3406

Rectangle

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



70.9855, 0.3158, 0.3539



70.9855, 0.2918, 0.3350



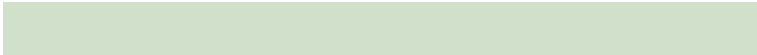
70.9855, 0.3090, 0.3056



70.9855, 0.3339, 0.3227

Sweetspot

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



70.9886, 0.3158, 0.3539



98.4803, 0.3137, 0.3364



70.1305, 0.3280, 0.3464



20.9937, 0.3139, 0.3384



0.0000, 0.0000, 0.0000



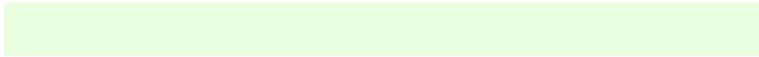
21.4041, 0.3127, 0.3290

Same Dimension

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



70.9886, 0.3158, 0.3539



94.2164, 0.3165, 0.3601



70.3580, 0.3085, 0.3487



15.5187, 0.3157, 0.3529



31.6692, 0.3123, 0.5903



2.2390, 0.3236, 0.5813

Inverse Universe

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



62.5287, 0.3093, 0.3047



80.4450, 0.3084, 0.2988



63.2224, 0.3173, 0.3101



13.7362, 0.3094, 0.3056



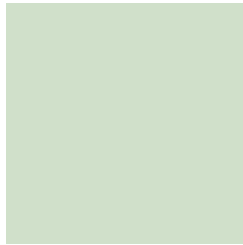
7.6872, 0.2525, 0.1165



0.5766, 0.2634, 0.1225

Previews

White Background



This preview shows how the Yxy color 70.9855, 0.3158, 0.3539 looks on a white background.

Color Contrast Check

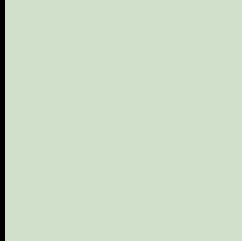
Large Text (above 18pt) WCAG AA × Fail

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 70.9855, 0.3158, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

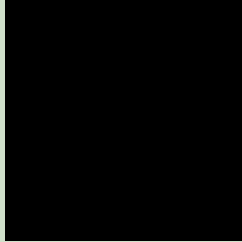
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

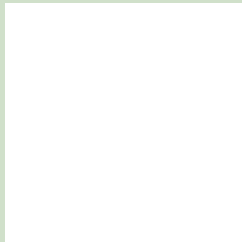
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9855, 0.3158, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 70.9855, 0.3158, 0.3539.

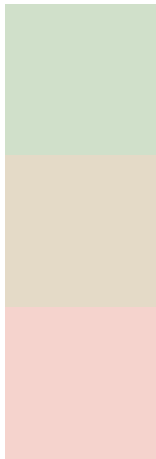


This preview shows how white text looks on a background with the Yxy color 70.9855, 0.3158, 0.3539.

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

70.9855, 0.3158, 0.3539

Protanopia

70.7603, 0.3331, 0.3498

Deuteranopia

70.4088, 0.3428, 0.3354



Tritanopia

70.8653, 0.2976, 0.3105

Trichromacy



Original Color

70.9855, 0.3158, 0.3539

Protanomaly

70.7287, 0.3269, 0.3512

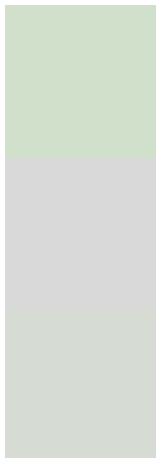
Deuteranomaly

70.6272, 0.3329, 0.3420

Tritanomaly

70.9436, 0.3038, 0.3257

Monochromacy



Original Color

70.9855, 0.3158, 0.3539

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.2360, 0.3137, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9855, 0.3158, 0.3539 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(208, 224, 202)` looks like.

```
.text, #text, p{  
    color:rgb(208, 224, 202)  
}
```

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(208, 224, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 224, 202) }
```

Border

The CSS property to change the border of an element to Yxy 70.9855, 0.3158, 0.3539 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(208, 224, 202) }
```

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

```
.border{ border-color:rgb(208, 224, 202) }
```

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

Here you see how a box with a 4 pixel rgb(208, 224, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 224, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 224, 202);  
box-shadow:4px 4px 4px 4px rgb(208, 224,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9855, 0.3158, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 224, 202) }
```

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

```
.background{ background-color: rgb(208,  
224, 202) }
```

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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