

# Converting Colors

$Yxy(70.7374, 0.3288, 0.3755)$

Have a look what the booklet for  
Yxy(70.7374, 0.3288, 0.3755)  
contains.

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# Color

**Yxy(71.0128, 0.3290, 0.3758)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2E1B8
RGB	210, 225, 184
RGB Percent	82%, 88%, 72%
CMY	0.1762, 0.1177, 0.2784
CMYK	0.07, 0.00, 0.18, 0.12
HSL	82°, 41%, 80%
HSV	82°, 18%, 88%
XYZ	62.1693, 71.0128, 55.7823
YIQ	215.8410, 4.2210, -15.9310

# Conversions

## Conversions Part 2

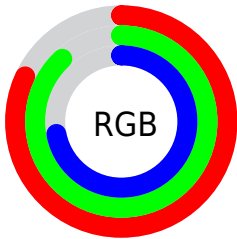
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 225, 199
Decimal	13820344
CIELab	87.49, -12.06, 18.40
CIELCh	87, 21.999, 123.235
Yxy	71.0128, 0.3290, 0.3758
Android (android.graphics.Color)	4292010424 (0xFFD2E1B8)
YUV	215.8410, -15.6976, -5.1226
Hunter-Lab	84.2691, -15.7831, 19.7411

# Details

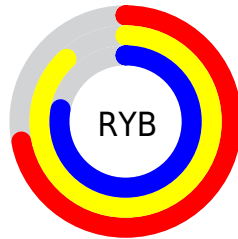
The Yxy color **71.0128, 0.3290, 0.3758** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.8541, 0.2941, 0.2811**, and the grayscale version is **68.6707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **37.3567, 0.3320, 0.3877** is the 20% darker color. If you saturate the color by 10%, you get **68.9734, 0.3377, 0.4035**, and if you desaturate by 10%, it is **73.2700, 0.3200, 0.3494**.

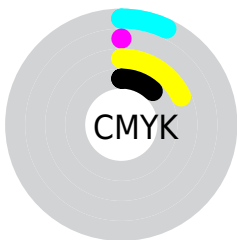
# Distribution



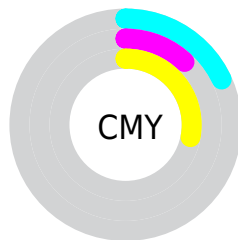
- Red (82%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (88%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)




- Cyan (18%)
- Magenta (12%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0128, 0.3290, 0.3758 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 71.0128, 0.3290, 0.3758 by changing the saturation by 10% instead.




 71.0128, 0.3290,  
0.3758

 71.0128, 0.3290,  
0.3758

464.0982, 0.3217,  
0.3536

 52.3526, 0.3306,  
0.3810


 120.6520, 0.3265,  
0.3680

 37.2862, 0.3325,  
0.3875


152.3997, 0.3255,  
0.3650

 25.4292, 0.3349,  
0.3959


189.2788, 0.3247,  
0.3624

 16.3971, 0.3379,  
0.4070

231.6737, 0.3239,  
0.3602

 9.8056, 0.3417,  
0.4224

279.9686, 0.3233,  
0.3582

 5.2702, 0.3466,  
0.4451

334.5481, 0.3227,

 2.4067, 0.3529,

0.3565

0.4823

395.7965, 0.3222,  
0.3549

0.8293, 0.3733,  
0.6267

0.0000, 0.0000,  
0.0000

71.0128, 0.3290,  
0.3758

71.0128, 0.3290,  
0.3758

68.9734, 0.3377,  
0.4035

73.2700, 0.3200,  
0.3494

67.1346, 0.3458,  
0.4319

75.7433, 0.3111,  
0.3247

65.4910, 0.3527,  
0.4599

78.4429, 0.3025,  
0.3021

64.0330, 0.3581,  
0.4864

80.0901, 0.3058,  
0.2992

■ 62.7506, 0.3614,  
0.5101

■ 81.5795, 0.3114,  
0.2997

■ 61.6322, 0.3622,  
0.5296

■ 82.3238, 0.3141,  
0.2999

■ 60.6643, 0.3606,  
0.5443

■ 59.8279, 0.3568,  
0.5540

■ 59.6875, 0.3561,  
0.5555

# Harmonies

## Analogous

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



71.0128, 0.3521, 0.3736



71.0128, 0.3290, 0.3758



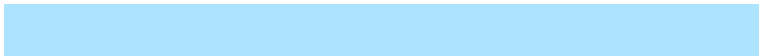
71.0128, 0.3022, 0.3639

# Triad

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



71.0128, 0.3290, 0.3758



71.0128, 0.2630, 0.2960



71.0128, 0.3470, 0.3160

# Complementary

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



71.0128, 0.3290, 0.3758



51.8541, 0.2941, 0.2811

# 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.



71.0128, 0.3217, 0.2974



71.0128, 0.3290, 0.3758



71.0128, 0.2738, 0.2856

# Square

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



71.0128, 0.3290, 0.3758



71.0128, 0.2649, 0.3162



71.0128, 0.2949, 0.2864



71.0128, 0.3630, 0.3383



# Rectangle

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



71.0128, 0.3290, 0.3758



71.0128, 0.2859, 0.3497



71.0128, 0.2949, 0.2864



71.0128, 0.3392, 0.3092

# Sweetspot

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



71.0159, 0.3290, 0.3758



98.3357, 0.3172, 0.3414



60.0162, 0.3451, 0.3454



20.9991, 0.3178, 0.3431



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

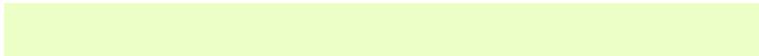


# Same Dimension

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



71.0159, 0.3290, 0.3758



93.2276, 0.3325, 0.3866



68.2723, 0.3147, 0.3779



15.7670, 0.3211, 0.3526



34.4671, 0.3570, 0.5547



2.4392, 0.3666, 0.5471



# Inverse Universe

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



51.8541, 0.2941, 0.2811



63.1325, 0.2894, 0.2697



54.7563, 0.3099, 0.2833



13.4851, 0.3037, 0.3052



4.2254, 0.1792, 0.0761

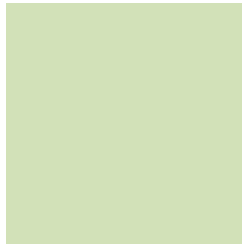


0.3423, 0.1965, 0.0856



# Previews

## White Background



This preview shows how the Yxy color 71.0128, 0.3290, 0.3758 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 71.0128, 0.3290, 0.3758 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

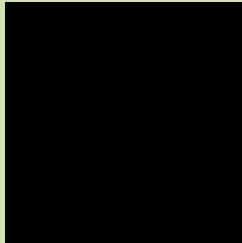
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

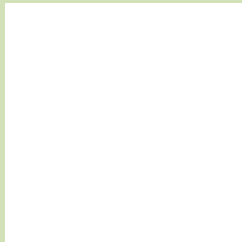
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 71.0128, 0.3290, 0.3758**

## **Background**



This preview shows how black text looks on a background with the Yxy color 71.0128, 0.3290, 0.3758.

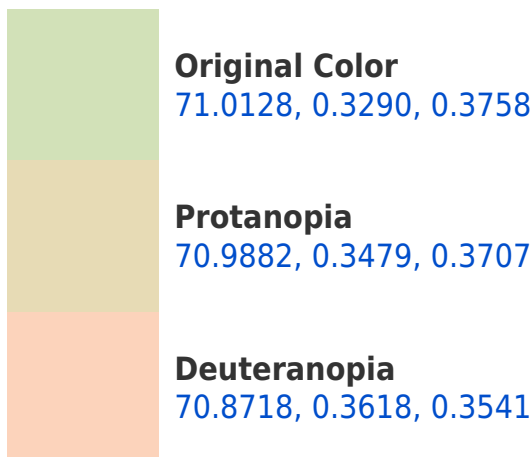


This preview shows how white text looks on a background with the Yxy color 71.0128, 0.3290, 0.3758.

# 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

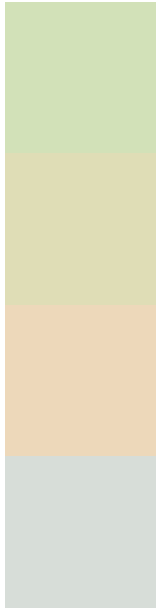




## Tritanopia

71.0464, 0.3016, 0.3107

# Trichromacy



**Original Color**

71.0128, 0.3290, 0.3758

**Protanomaly**

70.7783, 0.3407, 0.3725

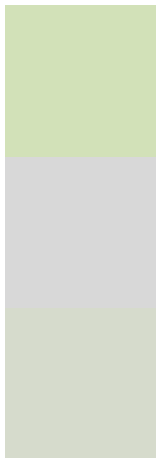
**Deuteranomaly**

70.6614, 0.3496, 0.3614

**Tritanomaly**

71.1178, 0.3117, 0.3345

# Monochromacy



**Original Color**

71.0128, 0.3290, 0.3758

**Achromatopsia**

68.6685, 0.3127, 0.3290

**Achromatomaly**

69.3188, 0.3191, 0.3459

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 71.0128, 0.3290, 0.3758 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(210, 225, 184)` looks like.

```
.text, #text, p{  
    color:rgb(210, 225, 184)  
}
```

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(210, 225, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 225, 184) }
```

## Border

The CSS property to change the border of an element to Yxy 71.0128, 0.3290, 0.3758 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(210, 225, 184) }
```

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

```
.border{ border-color:rgb(210, 225, 184) }
```

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

Here you see how a box with a 4 pixel rgb(210, 225, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 225, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 225, 184);  
box-shadow:4px 4px 4px 4px rgb(210, 225,  
184) }
```



# Background

The CSS property to change the background color of an element to Yxy 71.0128, 0.3290, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 225, 184) }
```

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

```
.background{ background-color: rgb(210,  
225, 184) }
```

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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