

# Converting Colors

$Yxy(71.0182, 0.3659, 0.3823)$

Have a look what the booklet for  
Yxy(71.0182, 0.3659, 0.3823)  
contains.

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# Color

**Yxy(71.1165, 0.3662, 0.3826)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1D9A7
RGB	241, 217, 167
RGB Percent	95%, 85%, 65%
CMY	0.0548, 0.1490, 0.3451
CMYK	0.00, 0.10, 0.31, 0.05
HSL	41°, 73%, 80%
HSV	41°, 31%, 95%
XYZ	68.0681, 71.1165, 46.6923
YIQ	218.4760, 30.3540, -10.4620

# Conversions

## Conversions Part 2

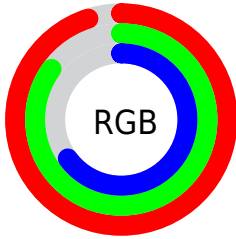
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 241, 167
Decimal	15849895
CIE <sub>Lab</sub>	87.54, 1.04, 27.70
CIE <sub>LCh</sub>	88, 27.720, 87.848
Yxy	71.1165, 0.3662, 0.3826
Android (android.graphics.Color)	4294039975 (0xFFFF1D9A7)
YUV	218.4760, -25.3777, 19.7535
Hunter-Lab	84.3306, -3.5008, 26.2037

# Details

The Yxy color **71.1165, 0.3662, 0.3826** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.8332, 0.2616, 0.2688**, and the grayscale version is **70.6227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **37.2688, 0.3783, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **66.3731, 0.3864, 0.4003**, and if you desaturate by 10%, it is **76.2236, 0.3472, 0.3647**.

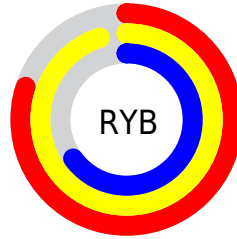
# Distribution



Red (95%)

Green (85%)

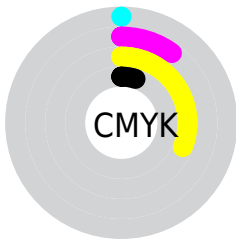
Blue (65%)



Red (80%)

Yellow (95%)

Blue (65%)

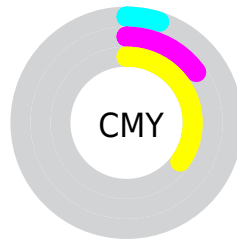


Cyan (0%)

Magenta (10%)

Yellow (31%)

Black (5%)



Cyan (5%)

Magenta (15%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1165, 0.3662, 0.3826 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 71.1165, 0.3662, 0.3826 by changing the saturation by 10% instead.





 71.1165, 0.3662,  
0.3826

 71.1165, 0.3662,  
0.3826


464.4606, 0.3415,  
0.3580

 52.4373, 0.3718,  
0.3881


 120.7996, 0.3577,  
0.3741

 37.3537, 0.3786,  
0.3949


 152.5722, 0.3544,  
0.3708

 25.4815, 0.3871,  
0.4033


189.4782, 0.3515,  
0.3679

 16.4361, 0.3980,  
0.4140

231.9018, 0.3490,  
0.3654

 9.8333, 0.4123,  
0.4279

280.2274, 0.3468,  
0.3632

 5.2886, 0.4314,  
0.4464

334.8395, 0.3448,

 2.4176, 0.4750,

0.3613

0.4891

396.1224, 0.3431,  
0.3595

0.8349, 0.4952,  
0.5048

0.0000, 0.0000,  
0.0000

71.1165, 0.3662,  
0.3826

71.1165, 0.3662,  
0.3826

66.3731, 0.3864,  
0.4003

76.2236, 0.3472,  
0.3647

61.9718, 0.4073,  
0.4168

81.6957, 0.3297,  
0.3470

57.9030, 0.4282,  
0.4311

87.5466, 0.3138,  
0.3302

54.1527, 0.4482,  
0.4420

93.2334, 0.3043,  
0.3224

■ 50.7050, 0.4661,  
0.4486

■ 97.4447, 0.3042,  
0.3290

■ 47.5416, 0.4811,  
0.4500

■ 44.8331, 0.4923,  
0.4473

# Harmonies

## Analogous

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



71.1165, 0.3795, 0.3622



71.1165, 0.3662, 0.3826



71.1165, 0.3387, 0.3892

# Triad

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



71.1165, 0.3662, 0.3826



71.1165, 0.2551, 0.3179



71.1165, 0.3176, 0.2865

# Complementary

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



71.1165, 0.3662, 0.3826



51.8332, 0.2616, 0.2688

# 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.



71.1165, 0.2847, 0.2749



71.1165, 0.3662, 0.3826



71.1165, 0.2501, 0.2910

# Square

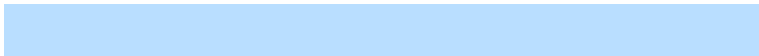
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1165, 0.3662, 0.3826



71.1165, 0.2748, 0.3504



71.1165, 0.2606, 0.2761



71.1165, 0.3507, 0.3080



# Rectangle

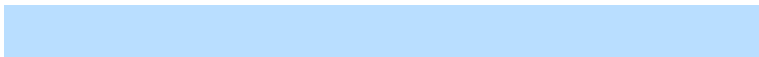
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1165, 0.3662, 0.3826



71.1165, 0.3164, 0.3835



71.1165, 0.2606, 0.2761



71.1165, 0.3061, 0.2814

# Sweetspot

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



71.1198, 0.3662, 0.3826



93.9494, 0.3269, 0.3441



50.1291, 0.3591, 0.3021



19.9068, 0.3293, 0.3466



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.



71.1198, 0.3662, 0.3826



77.3393, 0.3790, 0.3940



82.3192, 0.3503, 0.4082



17.5440, 0.3276, 0.3449



24.5625, 0.4908, 0.4485



2.2233, 0.4790, 0.4578



# Inverse Universe

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



51.8332, 0.2616, 0.2688



52.1381, 0.2500, 0.2538



43.6085, 0.2671, 0.2408



16.0662, 0.2980, 0.3126



6.6313, 0.1627, 0.1058



0.7257, 0.1700, 0.1318



# Previews

## White Background



This preview shows how the Yxy color 71.1165, 0.3662, 0.3826 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 71.1165, 0.3662, 0.3826 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

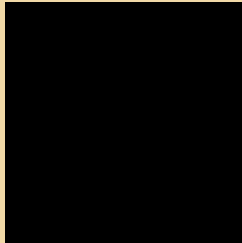
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 71.1165, 0.3662, 0.3826**

## **Background**



This preview shows how black text looks on a background with the Yxy color 71.1165, 0.3662, 0.3826.

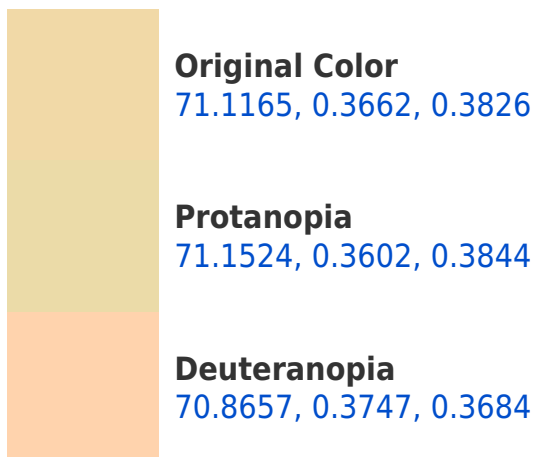


This preview shows how white text looks on a background with the Yxy color 71.1165, 0.3662, 0.3826.

# 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

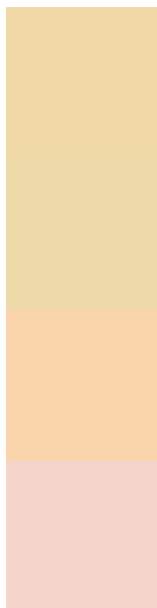




## Tritanopia

70.9936, 0.3307, 0.3126

# Trichromacy



## Original Color

71.1165, 0.3662, 0.3826

## Protanomaly

70.9745, 0.3620, 0.3831

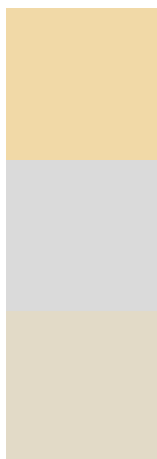
## Deuteranomaly

70.8528, 0.3716, 0.3731

## Tritanomaly

70.8591, 0.3434, 0.3375

# Monochromacy



## Original Color

71.1165, 0.3662, 0.3826

## Achromatopsia

70.1102, 0.3127, 0.3290

## Achromatomaly

70.4351, 0.3316, 0.3499

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 71.1165, 0.3662, 0.3826 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(241, 217, 167)` looks like.

```
.text, #text, p{  
    color:rgb(241, 217, 167)  
}
```

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(241, 217, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 217, 167) }
```

## Border

The CSS property to change the border of an element to Yxy 71.1165, 0.3662, 0.3826 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(241, 217, 167) }
```

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

```
.border{ border-color:rgb(241, 217, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 217, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 217, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 217, 167);  
box-shadow:4px 4px 4px 4px rgb(241, 217,  
167) }
```



# Background

The CSS property to change the background color of an element to Yxy 71.1165, 0.3662, 0.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 217, 167) }
```

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

```
.background{ background-color: rgb(241,  
217, 167) }
```

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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