

# Converting Colors

$Yxy(71.3487, 0.3541, 0.3565)$

Have a look what the booklet for  
Yxy(71.3487, 0.3541, 0.3565)  
contains.

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# Color

**Yxy(71.1797, 0.3541, 0.3555)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F5D6BD
RGB	245, 214, 189
RGB Percent	96%, 84%, 74%
CMY	0.0390, 0.1608, 0.2588
CMYK	0.00, 0.13, 0.23, 0.04
HSL	27°, 74%, 85%
HSV	27°, 23%, 96%
XYZ	70.8994, 71.1797, 58.1451
YIQ	220.4190, 26.5010, -1.2030

# Conversions

## Conversions Part 2

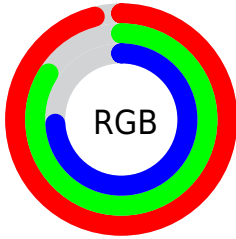
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 234, 189
Decimal	16111293
CIE Lab	87.57, 7.03, 16.31
CIE LCh	88, 17.761, 66.694
Yxy	71.1797, 0.3541, 0.3555
Android (android.graphics.Color)	4294301373 (0xFFF5D6BD)
YUV	220.4190, -15.4896, 21.5575
Hunter-Lab	84.3681, 2.3598, 18.1959

# Details

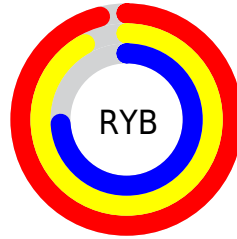
The Yxy color **71.1797, 0.3541, 0.3555** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.6289, 0.2766, 0.3009**, and the grayscale version is **71.9794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **37.2652, 0.3636, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **63.6187, 0.3767, 0.3678**, and if you desaturate by 10%, it is **79.4998, 0.3343, 0.3435**.

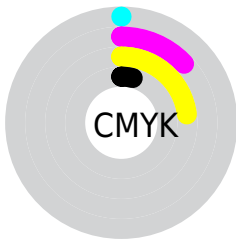
# Distribution



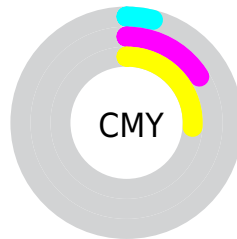
- Red (96%)
- Green (84%)
- Blue (74%)



- Red (96%)
- Yellow (92%)
- Blue (74%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (4%)




- Cyan (4%)
- Magenta (16%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1797, 0.3541, 0.3555 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 71.1797, 0.3541, 0.3555 by changing the saturation by 10% instead.




 71.1797, 0.3541,  
0.3555

 71.1797, 0.3541,  
0.3555


464.6814, 0.3348,  
0.3435

 52.4889, 0.3586,  
0.3582


 120.8896, 0.3474,  
0.3514

 37.3949, 0.3641,  
0.3615


152.6774, 0.3448,  
0.3498

 25.5134, 0.3711,  
0.3656

189.5996, 0.3425,  
0.3484

 16.4600, 0.3802,  
0.3708

232.0407, 0.3406,  
0.3471

 9.8502, 0.3928,  
0.3777

280.3850, 0.3388,  
0.3460

 5.2998, 0.4107,  
0.3871

335.0170, 0.3373,

 2.4242, 0.4385,

0.3451

0.4001

396.3210, 0.3360,  
0.3442

0.8383, 0.5376,  
0.4624

0.0000, 0.0000,  
0.0000

71.1797, 0.3541,  
0.3555

71.1797, 0.3541,  
0.3555

63.6187, 0.3767,  
0.3678

79.4998, 0.3343,  
0.3435

56.7843, 0.4022,  
0.3798

88.5912, 0.3172,  
0.3321

50.6553, 0.4303,  
0.3907

97.9846, 0.3066,  
0.3287

45.2060, 0.4602,  
0.3995

98.1606, 0.3066,  
0.3290

■ 40.4085, 0.4905,  
0.4048

■ 36.2323, 0.5193,  
0.4054

■ 32.6432, 0.5442,  
0.4004

■ 30.4148, 0.5593,  
0.3941

# Harmonies

## Analogous

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



71.1797, 0.3540, 0.3389



71.1797, 0.3541, 0.3555



71.1797, 0.3428, 0.3657

# Triad

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



71.1797, 0.3541, 0.3555



71.1797, 0.2836, 0.3368



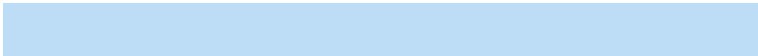
71.1797, 0.3008, 0.2949

# Complementary

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



71.1797, 0.3541, 0.3555



68.6289, 0.2766, 0.3009

# 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.



71.1797, 0.2828, 0.2934



71.1797, 0.3541, 0.3555



71.1797, 0.2732, 0.3167

# Square

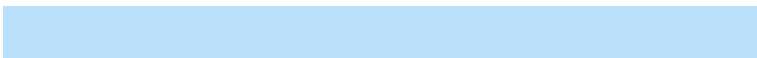
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1797, 0.3541, 0.3555



71.1797, 0.3019, 0.3552



71.1797, 0.2728, 0.3011



71.1797, 0.3226, 0.3048



# Rectangle

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



71.1797, 0.3541, 0.3555



71.1797, 0.3305, 0.3671



71.1797, 0.2728, 0.3011



71.1797, 0.2941, 0.2934

# Sweetspot

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



71.1829, 0.3541, 0.3555



92.7542, 0.3240, 0.3368



61.0231, 0.3339, 0.2958



19.7238, 0.3250, 0.3375



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.



71.1829, 0.3541, 0.3555



74.3602, 0.3632, 0.3606



86.1882, 0.3481, 0.3827



17.6990, 0.3282, 0.3396



16.6452, 0.5566, 0.3963



1.6647, 0.5352, 0.4133

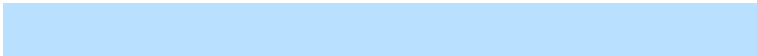


# Inverse Universe

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



68.6289, 0.2766, 0.3009



71.1504, 0.2699, 0.2951



55.4373, 0.2741, 0.2690



17.4494, 0.2980, 0.3182



13.2810, 0.1823, 0.1761

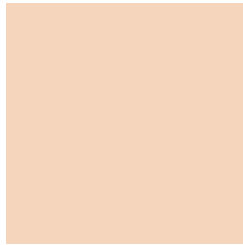


1.3722, 0.1880, 0.1969



# Previews

## White Background



This preview shows how the Yxy color 71.1797, 0.3541, 0.3555 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 71.1797, 0.3541, 0.3555 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

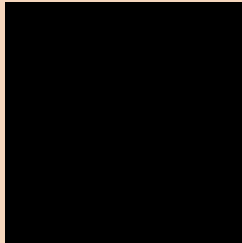
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 71.1797, 0.3541, 0.3555**

## Background



This preview shows how black text looks on a background with the Yxy color 71.1797, 0.3541, 0.3555.



This preview shows how white text looks on a background with the Yxy color 71.1797, 0.3541, 0.3555.

# 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

71.1797, 0.3541, 0.3555

### Protanopia

71.2918, 0.3394, 0.3585

### Deuteranopia

70.9581, 0.3602, 0.3520



## Tritanopia

71.1769, 0.3315, 0.3127

# Trichromacy



**Original Color**

71.1797, 0.3541, 0.3555

**Protanomaly**

71.0495, 0.3442, 0.3572

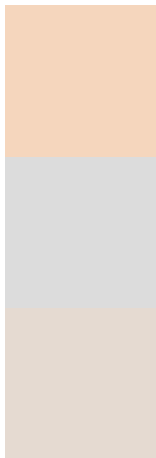
**Deuteranomaly**

70.9008, 0.3577, 0.3532

**Tritanomaly**

71.2985, 0.3400, 0.3280

# Monochromacy



**Original Color**

71.1797, 0.3541, 0.3555

**Achromatopsia**

71.5694, 0.3127, 0.3290

**Achromatomaly**

71.4043, 0.3269, 0.3388

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 71.1797, 0.3541, 0.3555 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(245, 214, 189)` looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 189)  
}
```

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(245, 214, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 189) }
```

## Border

The CSS property to change the border of an element to Yxy 71.1797, 0.3541, 0.3555 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(245, 214, 189) }
```

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

```
.border{ border-color:rgb(245, 214, 189) }
```

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

Here you see how a box with a 4 pixel rgb(245, 214, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 189);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
189) }
```



# Background

The CSS property to change the background color of an element to Yxy 71.1797, 0.3541, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 189) }
```

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

```
.background{ background-color: rgb(245,  
214, 189) }
```

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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