

# Converting Colors

$Yxy(71.2676, 0.3383, 0.3391)$

Have a look what the booklet for  
Yxy(71.2676, 0.3383, 0.3391)  
contains.

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# Color

**Yxy(71.5339, 0.3383, 0.3397)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0D7CD
RGB	240, 215, 205
RGB Percent	94%, 84%, 80%
CMY	0.0591, 0.1568, 0.1961
CMYK	0.00, 0.10, 0.15, 0.06
HSL	17°, 54%, 87%
HSV	17°, 15%, 94%
XYZ	71.2391, 71.5339, 67.8066
YIQ	221.3350, 18.1100, 2.1900

# Conversions

## Conversions Part 2

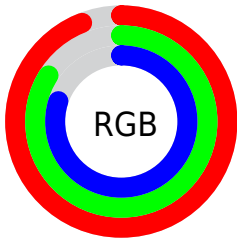
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	240, 219, 205
Decimal	15783885
CIE Lab	87.74, 7.01, 8.08
CIE LCh	88, 10.695, 49.041
Yxy	71.5339, 0.3383, 0.3397
Android (android.graphics.Color)	4293973965 (0xFFFF0D7CD)
YUV	221.3350, -8.0532, 16.3692
Hunter-Lab	84.5777, 2.3380, 11.6711

# Details

The Yxy color **71.5339, 0.3383, 0.3397** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8087, 0.2902, 0.3181**, and the grayscale version is **72.5994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5663, 0.3447, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **62.2033, 0.3600, 0.3476**, and if you desaturate by 10%, it is **81.9595, 0.3200, 0.3322**.

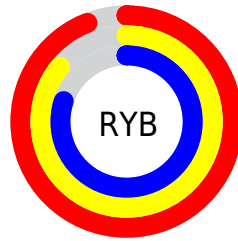
# Distribution



Red (94%)

Green (84%)

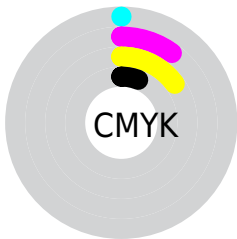
Blue (80%)



Red (94%)

Yellow (86%)

Blue (80%)

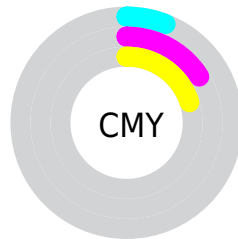


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (6%)



Cyan (6%)

Magenta (16%)


Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5339, 0.3383, 0.3397 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 71.5339, 0.3383, 0.3397 by changing the saturation by 10% instead.




 71.5339, 0.3383,  
0.3397

 71.5339, 0.3383,  
0.3397


465.9176, 0.3264,  
0.3349

 52.7780, 0.3411,  
0.3408


121.3936, 0.3341,  
0.3380

 37.6256, 0.3445,  
0.3421


153.2663, 0.3325,  
0.3374

 25.6922, 0.3488,  
0.3438


190.2799, 0.3311,  
0.3368

 16.5935, 0.3546,  
0.3459


232.8190, 0.3299,  
0.3363

 9.9451, 0.3625,  
0.3487

281.2680, 0.3289,  
0.3359

 5.3626, 0.3740,  
0.3527

336.0111, 0.3279,

 2.4615, 0.3923,

0.3355

0.3584

397.4329, 0.3271,  
0.3352

0.8573, 0.4478,  
0.3861

0.0000, 0.0000,  
0.0000

71.5339, 0.3383,  
0.3397

71.5339, 0.3383,  
0.3397

62.2033, 0.3600,  
0.3476

81.9595, 0.3200,  
0.3322

53.9221, 0.3857,  
0.3556

93.5048, 0.3047,  
0.3253

46.6557, 0.4156,  
0.3633

97.2547, 0.3035,  
0.3290

40.3637, 0.4496,  
0.3700

■ 35.0030, 0.4867,  
0.3746

■ 30.5270, 0.5246,  
0.3760

■ 26.8846, 0.5601,  
0.3731

■ 24.0183, 0.5892,  
0.3655

■ 22.7563, 0.6020,  
0.3602

# Harmonies

## Analogous

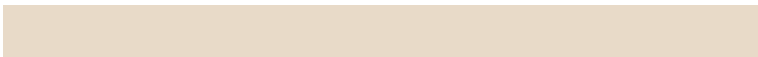
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.5339, 0.3340, 0.3287



71.5339, 0.3383, 0.3397



71.5339, 0.3355, 0.3482

# Triad

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



71.5339, 0.3383, 0.3397



71.5339, 0.3013, 0.3405



71.5339, 0.2987, 0.3070

# Complementary

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



71.5339, 0.3383, 0.3397



75.8087, 0.2902, 0.3181

# 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.



71.5339, 0.2903, 0.3096



71.5339, 0.3383, 0.3397



71.5339, 0.2918, 0.3288

# Square

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



71.5339, 0.3383, 0.3397



71.5339, 0.3140, 0.3490



71.5339, 0.2878, 0.3175



71.5339, 0.3110, 0.3101



# Rectangle

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



71.5339, 0.3383, 0.3397



71.5339, 0.3301, 0.3513



71.5339, 0.2878, 0.3175



71.5339, 0.2953, 0.3073

# Sweetspot

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



71.5371, 0.3383, 0.3397



94.8081, 0.3191, 0.3318



67.8907, 0.3214, 0.3029



20.0888, 0.3204, 0.3324



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

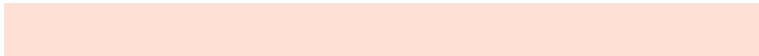


# Same Dimension

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



71.5371, 0.3383, 0.3397



79.3581, 0.3434, 0.3416



80.8432, 0.3357, 0.3576



16.4979, 0.3286, 0.3358



12.6606, 0.5992, 0.3624



1.2173, 0.5735, 0.3829

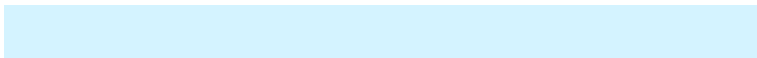


# Inverse Universe

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



75.8087, 0.2902, 0.3181



85.0004, 0.2863, 0.3160



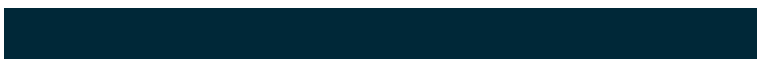
66.6372, 0.2895, 0.2987



17.1175, 0.2981, 0.3221



19.6478, 0.1980, 0.2328

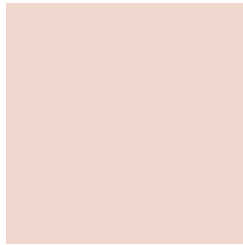


1.8038, 0.2019, 0.2470



# Previews

## White Background



This preview shows how the Yxy color 71.5339, 0.3383, 0.3397 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 71.5339, 0.3383, 0.3397 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

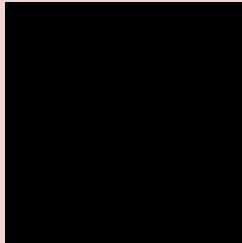
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 71.5339, 0.3383, 0.3397**

## Background



This preview shows how black text looks on a background with the Yxy color 71.5339, 0.3383, 0.3397.

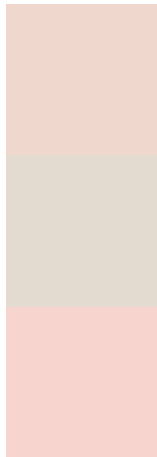


This preview shows how white text looks on a background with the Yxy color 71.5339, 0.3383, 0.3397.

# 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

71.5339, 0.3383, 0.3397

### Protanopia

71.4989, 0.3267, 0.3421

### Deuteranopia

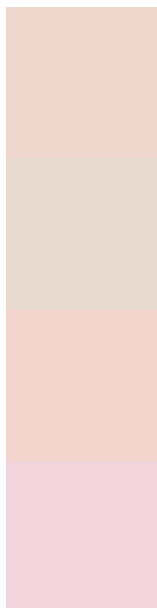
71.2689, 0.3442, 0.3364



## Tritanopia

71.7431, 0.3246, 0.3125

# Trichromacy



## Original Color

71.5339, 0.3383, 0.3397

## Protanomaly

71.7548, 0.3312, 0.3420

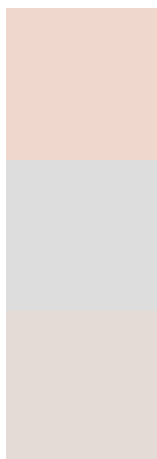
## Deuteranomaly

71.2294, 0.3417, 0.3375

## Tritanomaly

71.6331, 0.3294, 0.3218

# Monochromacy



## Original Color

71.5339, 0.3383, 0.3397

## Achromatopsia

72.3055, 0.3127, 0.3290

## Achromatomaly

72.0633, 0.3219, 0.3333

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 71.5339, 0.3383, 0.3397 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(240, 215, 205)` looks like.

```
.text, #text, p{  
    color:rgb(240, 215, 205)  
}
```

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(240, 215, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 215, 205) }
```

## Border

The CSS property to change the border of an element to Yxy 71.5339, 0.3383, 0.3397 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(240, 215, 205) }
```

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

```
.border{ border-color:rgb(240, 215, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 215, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 215, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 215, 205);  
box-shadow:4px 4px 4px 4px rgb(240, 215,  
205) }
```



# Background

The CSS property to change the background color of an element to Yxy 71.5339, 0.3383, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 215, 205) }
```

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

```
.background{ background-color: rgb(240,  
215, 205) }
```

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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