

# Converting Colors

$Y_{xy}(74.4166, 0.3359, 0.3220)$

Have a look what the booklet for  
Yxy(74.4166, 0.3359, 0.3220)  
contains.

<b>Yxy(74.5703, 0.3352, 0.3220)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(74.5703, 0.3352, 0.3220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCD7DE
RGB	252, 215, 222
RGB Percent	99%, 84%, 87%
CMY	0.0118, 0.1568, 0.1295
CMYK	0.00, 0.15, 0.12, 0.01
HSL	349°, 86%, 92%
HSV	349°, 15%, 99%
XYZ	77.6272, 74.5703, 79.3873
YIQ	226.8610, 19.8050, 10.0210

# Conversions

## Conversions Part 2

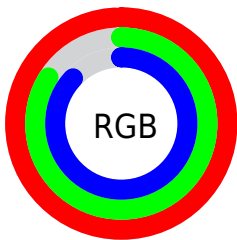
Format	Color
R <sub>Y</sub> B	252, 215, 222
Decimal	16570334
CIE Lab	89.19, 13.96, 1.36
CIE LCh	89, 14.026, 5.546
Yxy	74.5703, 0.3352, 0.3220
Android (android.graphics.Color)	4294760414 (0xFFFC D7DE)
YUV	226.8610, -2.3965, 22.0469
Hunter-Lab	86.3541, 9.3413, 5.9412

# Details

The Yxy color **74.5703, 0.3352, 0.3220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.6659, 0.2941, 0.3361**, and the grayscale version is **76.7178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5337, 0.3403, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **61.6811, 0.3551, 0.3169**, and if you desaturate by 10%, it is **89.5759, 0.3191, 0.3269**.

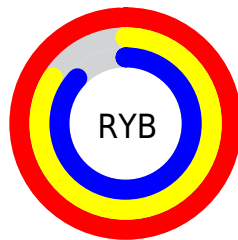
# Distribution



Red (99%)

Green (84%)

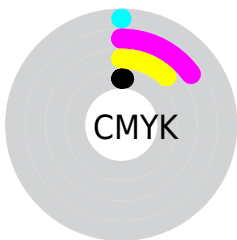
Blue (87%)



Red (99%)

Yellow (84%)

Blue (87%)

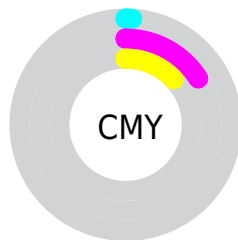


Cyan (0%)

Magenta (15%)

Yellow (12%)

Black (1%)



Cyan (1%)

Magenta (16%)


Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5703, 0.3352, 0.3220 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 74.5703, 0.3352, 0.3220 by changing the saturation by 10% instead.




 74.5703, 0.3352,  
0.3220

 74.5703, 0.3352,  
0.3220


476.4393, 0.3248,  
0.3253

 55.2609, 0.3376,  
0.3212

125.7039, 0.3316,  
0.3231

 39.6107, 0.3405,  
0.3203

158.2970, 0.3302,  
0.3236

 27.2351, 0.3442,  
0.3191


196.0867, 0.3290,  
0.3240

 17.7499, 0.3491,  
0.3175

239.4575, 0.3279,  
0.3243

 10.7706, 0.3557,  
0.3154

288.7938, 0.3270,  
0.3246

 5.9128, 0.3652,  
0.3122

344.4799, 0.3262,

 2.7921, 0.3802,

0.3248

0.3072

406.9003, 0.3255,  
0.3251

■ 1.0242, 0.4071,  
0.2980

■ 0.0000, 1.0000,  
0.0000

■ 74.5703, 0.3352,  
0.3220

■ 74.5703, 0.3352,  
0.3220

■ 61.6811, 0.3551,  
0.3169

■ 89.5759, 0.3191,  
0.3269

■ 50.8035, 0.3797,  
0.3117

■ 99.4359, 0.3109,  
0.3290

■ 41.8385, 0.4095,  
0.3069

■ 34.6750, 0.4449,  
0.3029

■ 29.1902, 0.4850,  
0.3006

■ 25.2461, 0.5273,  
0.3010

■ 22.6824, 0.5677,  
0.3047

■ 21.3029, 0.6007,  
0.3116

■ 20.9046, 0.6143,  
0.3158

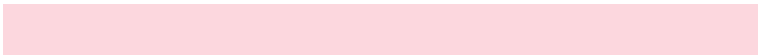
# Harmonies

## Analogous

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



74.5703, 0.3198, 0.3096



74.5703, 0.3352, 0.3220



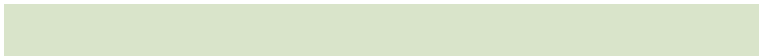
74.5703, 0.3445, 0.3364

# Triad

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



74.5703, 0.3352, 0.3220



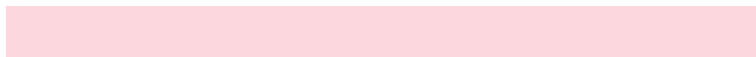
74.5703, 0.3219, 0.3576



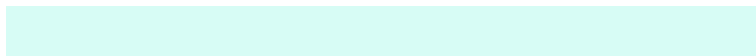
74.5703, 0.2814, 0.3077

# Complementary

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



74.5703, 0.3352, 0.3220



90.6659, 0.2941, 0.3361

# 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.



74.5703, 0.2819, 0.3202



74.5703, 0.3352, 0.3220



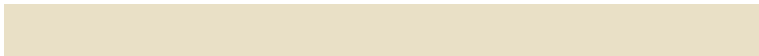
74.5703, 0.3050, 0.3497

# Square

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



74.5703, 0.3352, 0.3220



74.5703, 0.3366, 0.3574



74.5703, 0.2905, 0.3357



74.5703, 0.2889, 0.3013



# Rectangle

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



74.5703, 0.3352, 0.3220



74.5703, 0.3459, 0.3454



74.5703, 0.2905, 0.3357



74.5703, 0.2806, 0.3113

# Sweetspot

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



74.5736, 0.3352, 0.3220



93.1420, 0.3182, 0.3272



74.9751, 0.3092, 0.2920



19.6689, 0.3192, 0.3268



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

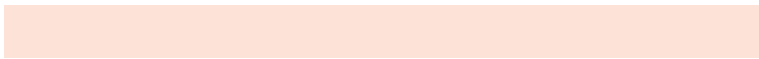
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5736, 0.3352, 0.3220



71.9582, 0.3414, 0.3203



80.0536, 0.3385, 0.3403



17.2786, 0.3264, 0.3246



10.9049, 0.6108, 0.3139



1.0238, 0.5800, 0.2969



# Inverse Universe

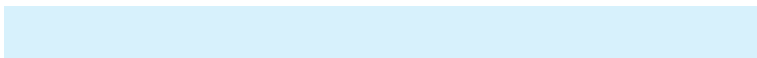
The Inverse Universe completely reimagines the original color for something new.



74.5736, 0.3352, 0.3220



71.9582, 0.3414, 0.3203



84.3309, 0.2899, 0.3174



17.2786, 0.3264, 0.3246



10.9049, 0.6108, 0.3139

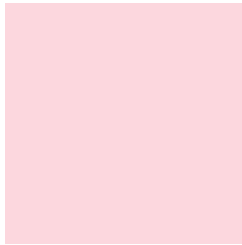


1.0238, 0.5800, 0.2969



# Previews

## White Background



This preview shows how the Yxy color 74.5703, 0.3352, 0.3220 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

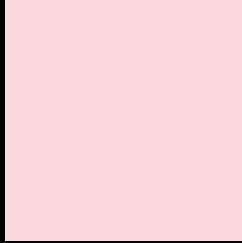
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.5703, 0.3352, 0.3220 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

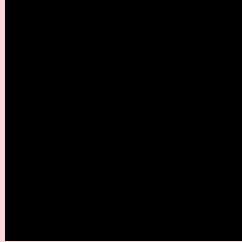
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 74.5703, 0.3352, 0.3220**

## Background



This preview shows how black text looks on a background with the Yxy color 74.5703, 0.3352, 0.3220.

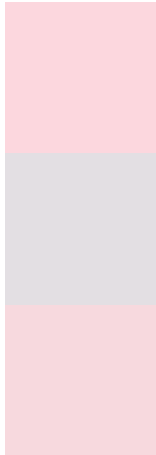


This preview shows how white text looks on a background with the Yxy color 74.5703, 0.3352, 0.3220.

# 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

74.5703, 0.3352, 0.3220

### Protanopia

74.6523, 0.3129, 0.3248

### Deuteranopia

74.6738, 0.3312, 0.3239



## Tritanopia

74.6890, 0.3303, 0.3130

# Trichromacy



## Original Color

74.5703, 0.3352, 0.3220

## Protanomaly

74.4555, 0.3208, 0.3238

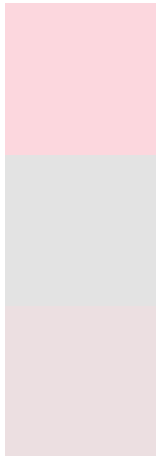
## Deuteranomaly

74.5254, 0.3328, 0.3229

## Tritanomaly

74.5218, 0.3325, 0.3160

# Monochromacy



## Original Color

74.5703, 0.3352, 0.3220

## Achromatopsia

76.8151, 0.3127, 0.3290

## Achromatomaly

76.0445, 0.3206, 0.3269

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.5703, 0.3352, 0.3220 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(252, 215, 222)` looks like.

```
.text, #text, p{  
    color:rgb(252, 215, 222)  
}
```

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(252, 215, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 215, 222) }
```

## Border

The CSS property to change the border of an element to Yxy 74.5703, 0.3352, 0.3220 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(252, 215, 222) }
```

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

```
.border{ border-color:rgb(252, 215, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 215, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 215, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 215, 222);  
box-shadow:4px 4px 4px 4px rgb(252, 215,  
222) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.5703, 0.3352, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 215, 222) }
```

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

```
.background{ background-color: rgb(252,  
215, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor