

Converting Colors

$Y_{xy}(75.8797, 0.3335, 0.3220)$

Have a look what the booklet for
Yxy(75.8797, 0.3335, 0.3220)
contains.

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Color

Yxy(75.7030, 0.3335, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	FCD9E0
RGB	252, 217, 224
RGB Percent	99%, 85%, 88%
CMY	0.0118, 0.1490, 0.1216
CMYK	0.00, 0.14, 0.11, 0.01
HSL	348°, 85%, 92%
HSV	348°, 14%, 99%
XYZ	78.4067, 75.7030, 80.9928
YIQ	228.2630, 18.6130, 9.5970

Conversions

Conversions Part 2

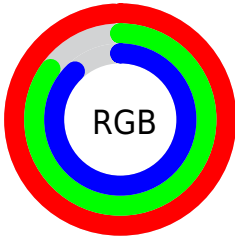
Format	Color
R _Y B	252, 217, 224
Decimal	16570848
CIE Lab	89.72, 13.24, 1.06
CIE LCh	90, 13.278, 4.596
Yxy	75.7030, 0.3335, 0.3220
Android (android.graphics.Color)	4294760928 (0xFFFC9E0)
YUV	228.2630, -2.1017, 20.8173
Hunter-Lab	87.0075, 8.5920, 5.7138

Details

The Yxy color **75.7030, 0.3335, 0.3220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.9579, 0.2953, 0.3361**, and the grayscale version is **77.7917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3073, 0.3381, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **62.6615, 0.3528, 0.3166**, and if you desaturate by 10%, it is **90.8643, 0.3179, 0.3271**.

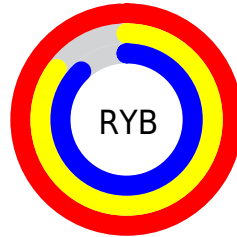
Distribution



Red (99%)

Green (85%)

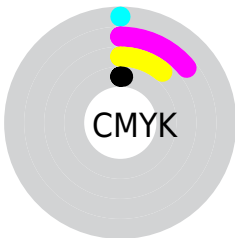
Blue (88%)



Red (99%)

Yellow (85%)

Blue (88%)

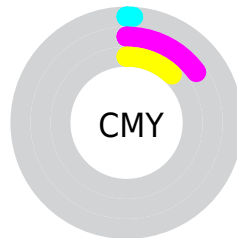


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (1%)



Cyan (1%)


Magenta (15%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7030, 0.3335, 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 75.7030, 0.3335, 0.3220 by changing the saturation by 10% instead.


 75.7030, 0.3335,
0.3220

 75.7030, 0.3335,
0.3220


480.3304, 0.3239,
0.3253

 56.1890, 0.3357,
0.3213


127.3070, 0.3302,
0.3231

 40.3545, 0.3384,
0.3203


160.1658, 0.3289,
0.3236

 27.8150, 0.3418,
0.3192


198.2416, 0.3278,
0.3240

 18.1863, 0.3462,
0.3176

241.9189, 0.3268,
0.3243

 11.0838, 0.3522,
0.3155

291.5820, 0.3260,
0.3246

 6.1232, 0.3609,
0.3125

347.6154, 0.3252,

 2.9202, 0.3745,

0.3248

0.3076

410.4034, 0.3245,
0.3251

■ 1.0902, 0.3985,
0.2989

■ 0.0000, 1.0000,
0.0000

■ 75.7030, 0.3335,
0.3220

■ 75.7030, 0.3335,
0.3220

■ 62.6615, 0.3528,
0.3166

■ 90.8643, 0.3179,
0.3271

■ 51.6356, 0.3766,
0.3111

■ 99.4326, 0.3109,
0.3290

■ 42.5273, 0.4056,
0.3059

■ 35.2264, 0.4399,
0.3016

■ 29.6118, 0.4791,
0.2989

■ 25.5468, 0.5209,
0.2989

■ 22.8739, 0.5613,
0.3023

■ 21.4010, 0.5953,
0.3092

■ 20.9252, 0.6115,
0.3143

Harmonies

Analogous

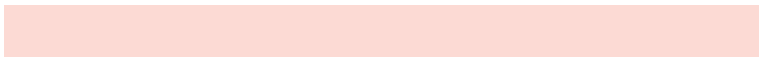
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7030, 0.3189, 0.3104



75.7030, 0.3335, 0.3220



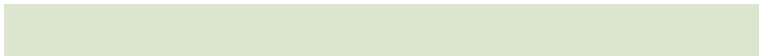
75.7030, 0.3425, 0.3356

Triad

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



75.7030, 0.3335, 0.3220



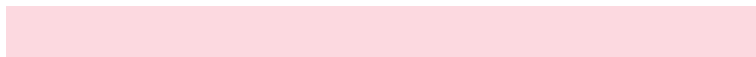
75.7030, 0.3219, 0.3561



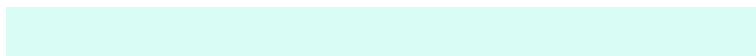
75.7030, 0.2831, 0.3093

Complementary

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



75.7030, 0.3335, 0.3220



90.9579, 0.2953, 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.



75.7030, 0.2838, 0.3212



75.7030, 0.3335, 0.3220



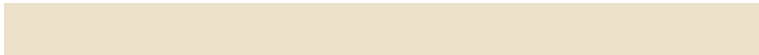
75.7030, 0.3060, 0.3488

Square

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



75.7030, 0.3335, 0.3220



75.7030, 0.3356, 0.3556



75.7030, 0.2922, 0.3358



75.7030, 0.2900, 0.3030

Rectangle

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



75.7030, 0.3335, 0.3220



75.7030, 0.3440, 0.3442



75.7030, 0.2922, 0.3358



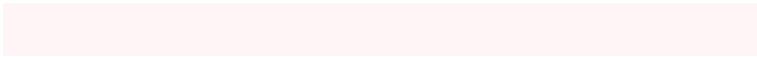
75.7030, 0.2824, 0.3127

Sweetspot

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



75.7064, 0.3335, 0.3220



93.1491, 0.3181, 0.3271



76.0705, 0.3094, 0.2941



19.6707, 0.3192, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

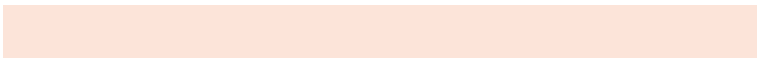
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7064, 0.3335, 0.3220



73.3553, 0.3391, 0.3203



80.9176, 0.3370, 0.3397



17.2818, 0.3262, 0.3243



10.9182, 0.6079, 0.3123



1.0255, 0.5765, 0.2950

Inverse Universe

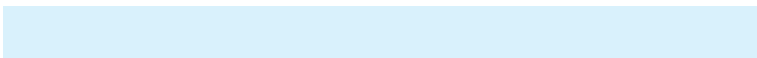
The Inverse Universe completely reimagines the original color for something new.



75.7064, 0.3335, 0.3220



73.3553, 0.3391, 0.3203



84.9840, 0.2912, 0.3181



17.2818, 0.3262, 0.3243



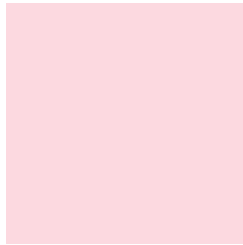
10.9182, 0.6079, 0.3123



1.0255, 0.5765, 0.2950

Previews

White Background



This preview shows how the Yxy color 75.7030, 0.3335, 0.3220 looks on a white background.

Color Contrast Check

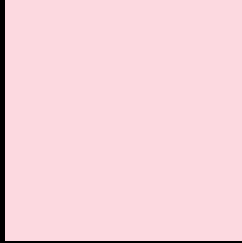
Large Text (above 18pt) WCAG AA × Fail

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 75.7030, 0.3335, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

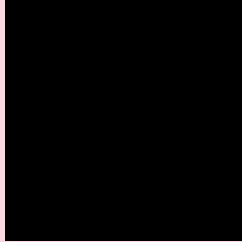
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7030, 0.3335, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 75.7030, 0.3335, 0.3220.

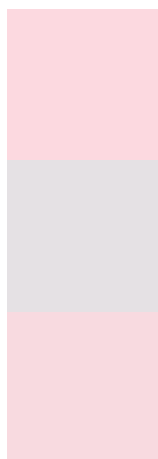


This preview shows how white text looks on a background with the Yxy color 75.7030, 0.3335, 0.3220.

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

75.7030, 0.3335, 0.3220

Protanopia

76.1099, 0.3136, 0.3258

Deuteranopia

75.4811, 0.3304, 0.3229



Tritanopia

75.8776, 0.3280, 0.3120

Trichromacy



Original Color

75.7030, 0.3335, 0.3220

Protanomaly

75.7931, 0.3201, 0.3238

Deuteranomaly

75.6644, 0.3312, 0.3229

Tritanomaly

75.7076, 0.3301, 0.3150

Monochromacy



Original Color

75.7030, 0.3335, 0.3220

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.8619, 0.3199, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7030, 0.3335, 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, 217, 224)` looks like.

```
.text, #text, p{  
    color:rgb(252, 217, 224)  
}
```

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, 217, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 217, 224) }
```

Border

The CSS property to change the border of an element to Yxy 75.7030, 0.3335, 0.3220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

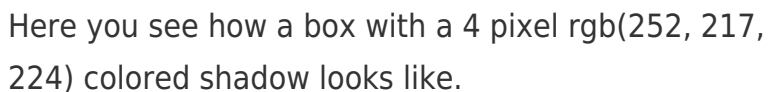
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 217, 224) }
```

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

```
.border{ border-color:rgb(252, 217, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(252, 217, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(252, 217,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7030, 0.3335, 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, 217, 224) }
```

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

```
.background{ background-color: rgb(252,  
217, 224) }
```

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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