

Converting Colors

$Y_{xy}(75.0884, 0.3309, 0.3201)$

Have a look what the booklet for
Yxy(75.0884, 0.3309, 0.3201)
contains.

Yxy(75.3859, 0.3313, 0.3209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.3859, 0.3313, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	FAD9E1
RGB	250, 217, 225
RGB Percent	98%, 85%, 88%
CMY	0.0196, 0.1490, 0.1175
CMYK	0.00, 0.13, 0.10, 0.02
HSL	345°, 77%, 92%
HSV	345°, 13%, 98%
XYZ	77.8291, 75.3859, 81.7053
YIQ	227.7790, 17.1000, 9.4840

Conversions

Conversions Part 2

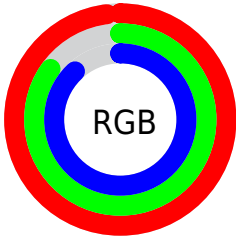
Format	Color
R_{YB}	250, 217, 225
Decimal	16439777
CIE _{Lab}	89.57, 12.72, 0.28
CIE _{LCh}	90, 12.721, 1.258
Yxy	75.3859, 0.3313, 0.3209
Android (android.graphics.Color)	4294629857 (0xFFFAD9E1)
YUV	227.7790, -1.3700, 19.4878
Hunter-Lab	86.8251, 8.0617, 4.9837

Details

The Yxy color $75.3859, 0.3313, 0.3209$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89.5283, 0.2969, 0.3373$, and the grayscale version is $77.4167, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.0804, 0.3352, 0.3186$ is the 20% darker color. If you saturate the color by 10%, you get $62.4866, 0.3493, 0.3143$, and if you desaturate by 10%, it is $90.3583, 0.3168, 0.3271$.

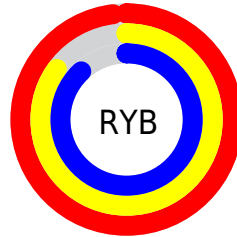
Distribution



Red (98%)

Green (85%)

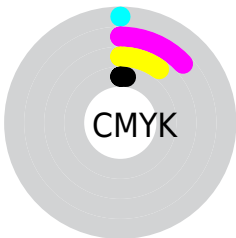
Blue (88%)



Red (98%)

Yellow (85%)

Blue (88%)

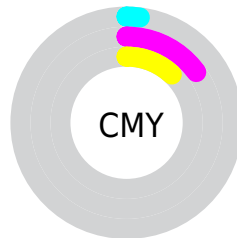


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3859, 0.3313, 0.3209 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 75.3859, 0.3313, 0.3209 by changing the saturation by 10% instead.

 75.3859, 0.3313,
0.3209

 75.3859, 0.3313,
0.3209


479.2429, 0.3227,
0.3246

 55.9291, 0.3332,
0.3200


126.8585, 0.3283,
0.3222

 40.1461, 0.3356,
0.3190

159.6430, 0.3272,
0.3227

 27.6525, 0.3387,
0.3177


197.6389, 0.3262,
0.3231

 18.0638, 0.3427,
0.3159

241.2306, 0.3253,
0.3235

 10.9958, 0.3480,
0.3135

290.8025, 0.3246,
0.3239

 6.0640, 0.3558,
0.3101

346.7389, 0.3239,

 2.8841, 0.3679,

0.3241

0.3048

409.4242, 0.3233,
0.3244

1.0715, 0.3894,
0.2952

0.0000, 1.0000,
0.0000

75.3859, 0.3313,
0.3209

75.3859, 0.3313,
0.3209

62.4866, 0.3493,
0.3143

90.3583, 0.3168,
0.3271

51.5591, 0.3713,
0.3076

99.0627, 0.3096,
0.3290

42.5087, 0.3982,
0.3012

35.2289, 0.4300,
0.2957

■ 29.6024, 0.4665,
0.2919

■ 25.4977, 0.5060,
0.2911

■ 22.7630, 0.5453,
0.2941

■ 21.2144, 0.5800,
0.3012

■ 20.6579, 0.5993,
0.3075

Harmonies

Analogous

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



75.3859, 0.3170, 0.3101



75.3859, 0.3313, 0.3209



75.3859, 0.3407, 0.3339

Triad

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



75.3859, 0.3313, 0.3209



75.3859, 0.3232, 0.3553



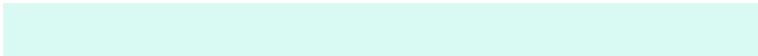
75.3859, 0.2839, 0.3111

Complementary

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



75.3859, 0.3313, 0.3209



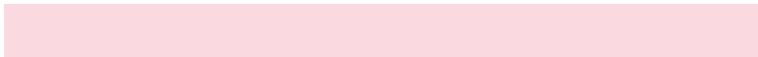
89.5283, 0.2969, 0.3373

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.



75.3859, 0.2856, 0.3230



75.3859, 0.3313, 0.3209



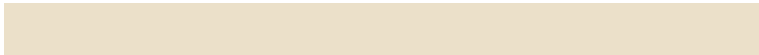
75.3859, 0.3080, 0.3490

Square

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



75.3859, 0.3313, 0.3209



75.3859, 0.3358, 0.3540



75.3859, 0.2942, 0.3371



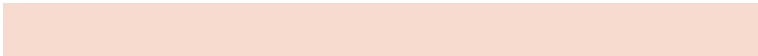
75.3859, 0.2898, 0.3044

Rectangle

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



75.3859, 0.3313, 0.3209



75.3859, 0.3427, 0.3423



75.3859, 0.2942, 0.3371



75.3859, 0.2836, 0.3146

Sweetspot

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



75.3892, 0.3313, 0.3209



93.1767, 0.3178, 0.3266



75.3626, 0.3085, 0.2958



19.6776, 0.3188, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

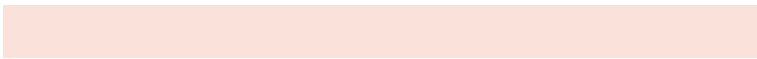
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3892, 0.3313, 0.3209



74.8432, 0.3360, 0.3191



79.3197, 0.3358, 0.3374



17.2945, 0.3256, 0.3232



10.9771, 0.5954, 0.3054



1.0326, 0.5624, 0.2872

Inverse Universe

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



75.3892, 0.3313, 0.3209



74.8432, 0.3360, 0.3191



85.0076, 0.2923, 0.3204



17.2945, 0.3256, 0.3232



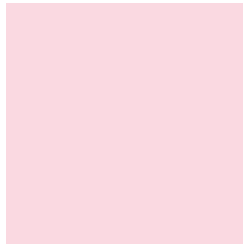
10.9771, 0.5954, 0.3054



1.0326, 0.5624, 0.2872

Previews

White Background



This preview shows how the Yxy color 75.3859, 0.3313, 0.3209 looks on a white background.

Color Contrast Check

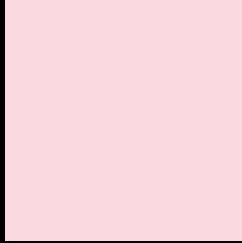
Large Text (above 18pt) WCAG AA × Fail

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 75.3859, 0.3313, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

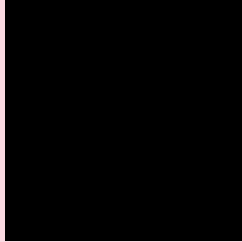
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.3859, 0.3313, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 75.3859, 0.3313, 0.3209.

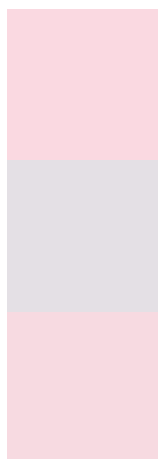


This preview shows how white text looks on a background with the Yxy color 75.3859, 0.3313, 0.3209.

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

75.3859, 0.3313, 0.3209

Protanopia

75.4624, 0.3123, 0.3237

Deuteranopia

75.3532, 0.3290, 0.3219



Tritanopia

75.5042, 0.3266, 0.3119

Trichromacy



Original Color

75.3859, 0.3313, 0.3209

Protanomaly

75.1472, 0.3187, 0.3217

Deuteranomaly

75.5355, 0.3297, 0.3219

Tritanomaly

75.3341, 0.3287, 0.3149

Monochromacy



Original Color

75.3859, 0.3313, 0.3209

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.6902, 0.3192, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3859, 0.3313, 0.3209 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(250, 217, 225)` looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 225)  
}
```

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(250, 217, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 225) }
```

Border

The CSS property to change the border of an element to Yxy 75.3859, 0.3313, 0.3209 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(250, 217, 225) }
```

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

```
.border{ border-color:rgb(250, 217, 225) }
```

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

Here you see how a box with a 4 pixel rgb(250, 217, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 225);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3859, 0.3313, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 225) }
```

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

```
.background{ background-color: rgb(250,  
217, 225) }
```

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