

Converting Colors

$Y_{xy}(74.4566, 0.3223, 0.3087)$

Have a look what the booklet for
Yxy(74.4566, 0.3223, 0.3087)
contains.

Yxy(74.3732, 0.3224, 0.3087)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.3732, 0.3224, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	F7D7EB
RGB	247, 215, 235
RGB Percent	97%, 84%, 92%
CMY	0.0311, 0.1569, 0.0783
CMYK	0.00, 0.13, 0.05, 0.03
HSL	323°, 67%, 91%
HSV	323°, 13%, 97%
XYZ	77.6739, 74.3732, 88.8768
YIQ	226.8480, 12.6520, 13.0040

Conversions

Conversions Part 2

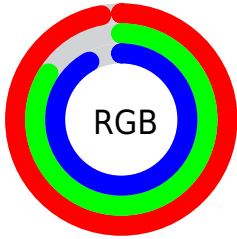
Format	Color
R _Y B	247, 215, 235
Decimal	16242667
CIE Lab	89.10, 14.45, -5.71
CIE LCh	89, 15.540, 338.448
Yxy	74.3732, 0.3224, 0.3087
Android (android.graphics.Color)	4294432747 (0xFFFF7D7EB)
YUV	226.8480, 4.0189, 17.6733
Hunter-Lab	86.2399, 9.8501, -0.7350

Details

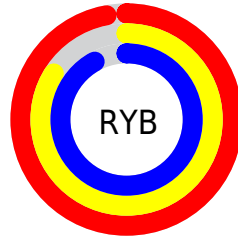
The Yxy color $74.3732, 0.3224, 0.3087$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.5545, 0.3041, 0.3502$, and the grayscale version is $76.6706, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.3434, 0.3243, 0.3042$ is the 20% darker color. If you saturate the color by 10%, you get $62.2090, 0.3315, 0.2923$, and if you desaturate by 10%, it is $88.4718, 0.3147, 0.3245$.

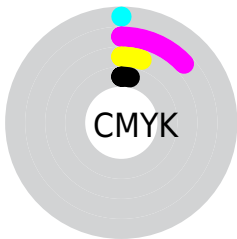
Distribution



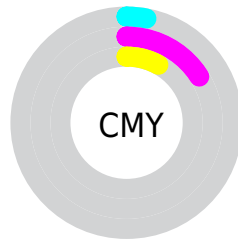
- Red (97%)
- Green (84%)
- Blue (92%)



- Red (97%)
- Yellow (84%)
- Blue (92%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (3%)





- Cyan (3%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3732, 0.3224, 0.3087 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 74.3732, 0.3224, 0.3087 by changing the saturation by 10% instead.


 74.3732, 0.3224,
0.3087

 74.3732, 0.3224,
0.3087


475.7604, 0.3180,
0.3179

 55.0995, 0.3234,
0.3066

125.4247, 0.3209,
0.3119

 39.4814, 0.3246,
0.3041


157.9713, 0.3203,
0.3131

 27.1345, 0.3261,
0.3009


195.7111, 0.3198,
0.3142

 17.6742, 0.3280,
0.2969

239.0284, 0.3193,
0.3151

 10.7164, 0.3307,
0.2914

288.3075, 0.3190,
0.3159

 5.8764, 0.3343,
0.2837

343.9330, 0.3186,

 2.7701, 0.3399,

0.3167

0.2720

406.2892, 0.3183,
0.3173

■ 1.0129, 0.3493,
0.2523

■ 0.0000, 0.4704,
0.0000

■ 74.3732, 0.3224,
0.3087

■ 74.3732, 0.3224,
0.3087

■ 62.2090, 0.3315,
0.2923

■ 88.4718, 0.3147,
0.3245

■ 51.8840, 0.3422,
0.2757

■ 98.4348, 0.3086,
0.3304

■ 43.3098, 0.3546,
0.2595

■ 98.5266, 0.3078,
0.3290

■ 36.3866, 0.3686,
0.2446

■ 31.0045, 0.3842,
0.2322

■ 27.0403, 0.4009,
0.2233

■ 24.3514, 0.4181,
0.2191

■ 22.7653, 0.4351,
0.2201

■ 22.1311, 0.4467,
0.2235

Harmonies

Analogous

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



74.3732, 0.3035, 0.2998



74.3732, 0.3224, 0.3087



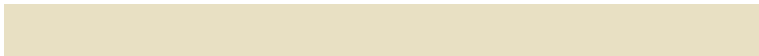
74.3732, 0.3390, 0.3227

Triad

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



74.3732, 0.3224, 0.3087



74.3732, 0.3379, 0.3609



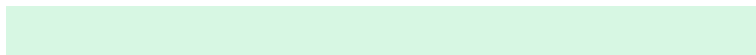
74.3732, 0.2782, 0.3176

Complementary

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



74.3732, 0.3224, 0.3087



86.5545, 0.3041, 0.3502

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.



74.3732, 0.2869, 0.3347



74.3732, 0.3224, 0.3087



74.3732, 0.3211, 0.3604

Square

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



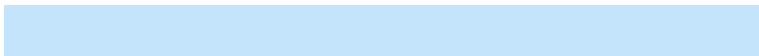
74.3732, 0.3224, 0.3087



74.3732, 0.3481, 0.3527



74.3732, 0.3024, 0.3507



74.3732, 0.2785, 0.3043

Rectangle

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



74.3732, 0.3224, 0.3087



74.3732, 0.3464, 0.3333



74.3732, 0.3024, 0.3507



74.3732, 0.2802, 0.3231

Sweetspot

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



74.3765, 0.3224, 0.3087



93.4197, 0.3155, 0.3229



71.5994, 0.3000, 0.2955



19.7391, 0.3160, 0.3217



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

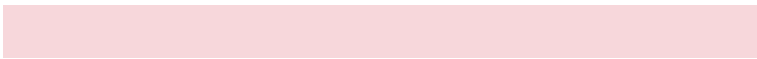
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3765, 0.3224, 0.3087



75.7272, 0.3250, 0.3038



73.5049, 0.3335, 0.3247



16.6567, 0.3196, 0.3143



11.7256, 0.4441, 0.2220



1.0505, 0.4245, 0.2112

Inverse Universe

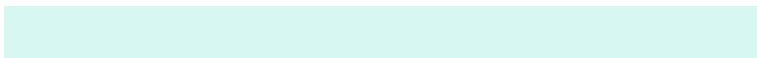
The Inverse Universe completely reimagines the original color for something new.



74.3765, 0.3224, 0.3087



75.7272, 0.3250, 0.3038



87.4655, 0.2952, 0.3334



16.6567, 0.3196, 0.3143



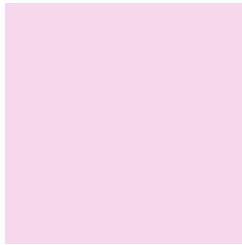
11.7256, 0.4441, 0.2220



1.0505, 0.4245, 0.2112

Previews

White Background



This preview shows how the Yxy color 74.3732, 0.3224, 0.3087 looks on a white background.

Color Contrast Check

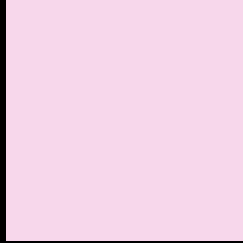
Large Text (above 18pt) WCAG AA × Fail

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 74.3732, 0.3224, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

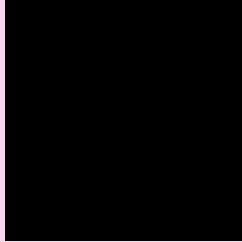
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3732, 0.3224, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 74.3732, 0.3224, 0.3087.



This preview shows how white text looks on a background with the Yxy color 74.3732, 0.3224, 0.3087.

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

74.3732, 0.3224, 0.3087

Protanopia

74.7546, 0.3018, 0.3110

Deuteranopia

74.3246, 0.3179, 0.3105



Tritanopia

74.2012, 0.3244, 0.3117

Trichromacy



Original Color

74.3732, 0.3224, 0.3087

Protanomaly

74.5153, 0.3094, 0.3103

Deuteranomaly

74.1646, 0.3194, 0.3096

Tritanomaly

74.2582, 0.3237, 0.3107

Monochromacy



Original Color

74.3732, 0.3224, 0.3087

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9809, 0.3159, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3732, 0.3224, 0.3087 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(247, 215, 235)` looks like.

```
.text, #text, p{  
    color:rgb(247, 215, 235)  
}
```

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(247, 215, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 215, 235) }
```

Border

The CSS property to change the border of an element to Yxy 74.3732, 0.3224, 0.3087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

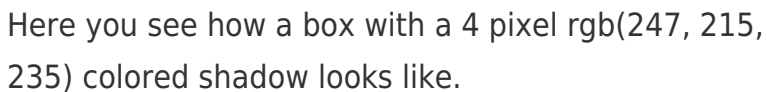
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 215, 235) }
```

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

```
.border{ border-color:rgb(247, 215, 235) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 215, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 215, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 215, 235); box-shadow:4px 4px 4px 4px rgb(247, 215, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3732, 0.3224, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 215, 235) }
```

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

```
.background{ background-color: rgb(247,  
215, 235) }
```

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