

Converting Colors

$Y_{xy}(75.4412, 0.3303, 0.3130)$

Have a look what the booklet for
Yxy(75.4412, 0.3303, 0.3130)
contains.

Yxy(75.4412, 0.3303, 0.3130)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.4412, 0.3303, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	FED7E7
RGB	254, 215, 231
RGB Percent	100%, 84%, 91%
CMY	0.0037, 0.1569, 0.0941
CMYK	0.00, 0.15, 0.09, 0.00
HSL	335°, 95%, 92%
HSV	335°, 15%, 100%
XYZ	79.6110, 75.4412, 85.9740
YIQ	228.4850, 18.1080, 13.2440

Conversions

Conversions Part 2

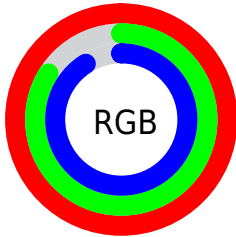
Format	Color
R _Y B	254, 215, 231
Decimal	16701415
CIE Lab	89.60, 16.15, -2.79
CIE LCh	90, 16.389, 350.206
Yxy	75.4412, 0.3303, 0.3130
Android (android.graphics.Color)	4294891495 (0xFF FED7E7)
YUV	228.4850, 1.2399, 22.3767
Hunter-Lab	86.8569, 11.6093, 2.1125

Details

The Yxy color **75.4412, 0.3303, 0.3130** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.5335, 0.2979, 0.3456**, and the grayscale version is **77.9429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1071, 0.3347, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **62.6856, 0.3449, 0.3019**, and if you desaturate by 10%, it is **90.2847, 0.3183, 0.3236**.

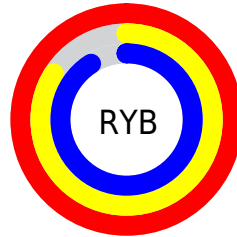
Distribution



Red (100%)

Green (84%)

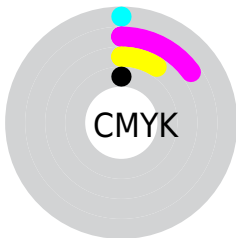
Blue (91%)



Red (100%)

Yellow (84%)

Blue (91%)

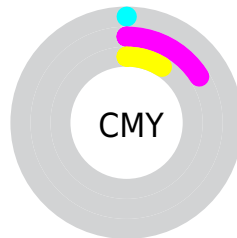


Cyan (0%)

Magenta (15%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4412, 0.3303, 0.3130 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 75.4412, 0.3303, 0.3130 by changing the saturation by 10% instead.

 75.4412, 0.3303,
0.3130

 75.4412, 0.3303,
0.3130


479.4327, 0.3223,
0.3203

 55.9744, 0.3321,
0.3114

126.9367, 0.3275,
0.3155

 40.1824, 0.3344,
0.3094

159.7342, 0.3264,
0.3165

 27.6808, 0.3372,
0.3068


197.7441, 0.3255,
0.3173

 18.0852, 0.3408,
0.3036

241.3507, 0.3247,
0.3181

 11.0112, 0.3458,
0.2992

290.9385, 0.3240,
0.3187

 6.0743, 0.3529,
0.2930

346.8918, 0.3233,

 2.8903, 0.3638,

0.3193

0.2835

409.5951, 0.3228,
0.3198

■ 1.0748, 0.3828,
0.2674

■ 0.0000, 0.7060,
0.0000

■ 75.4412, 0.3303,
0.3130

■ 75.4412, 0.3303,
0.3130

■ 62.6856, 0.3449,
0.3019

■ 90.2847, 0.3183,
0.3236

■ 51.9137, 0.3626,
0.2907

99.8198, 0.3121,
0.3290

■ 43.0273, 0.3837,
0.2800

■ 35.9158, 0.4082,
0.2705

■ 30.4569, 0.4360,
0.2636

■ 26.5126, 0.4661,
0.2604

■ 23.9223, 0.4967,
0.2621

■ 22.4876, 0.5258,
0.2693

■ 22.0837, 0.5384,
0.2739

Harmonies

Analogous

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



75.4412, 0.3107, 0.3012



75.4412, 0.3303, 0.3130



75.4412, 0.3454, 0.3289

Triad

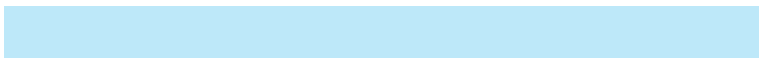
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4412, 0.3303, 0.3130



75.4412, 0.3328, 0.3635



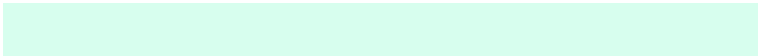
75.4412, 0.2755, 0.3108

Complementary

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



75.4412, 0.3303, 0.3130



91.5335, 0.2979, 0.3456

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.



75.4412, 0.2810, 0.3278



75.4412, 0.3303, 0.3130



75.4412, 0.3137, 0.3591

Square

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



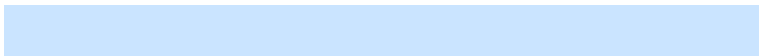
75.4412, 0.3303, 0.3130



75.4412, 0.3467, 0.3582



75.4412, 0.2949, 0.3457



75.4412, 0.2795, 0.2996

Rectangle

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



75.4412, 0.3303, 0.3130



75.4412, 0.3506, 0.3400



75.4412, 0.2949, 0.3457



75.4412, 0.2763, 0.3160

Sweetspot

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



75.4445, 0.3303, 0.3130



91.6583, 0.3179, 0.3240



73.8912, 0.3031, 0.2895



19.3772, 0.3186, 0.3232



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

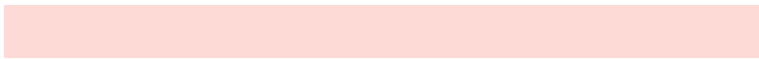
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4445, 0.3303, 0.3130



72.5075, 0.3339, 0.3101



76.2542, 0.3413, 0.3324



18.1106, 0.3229, 0.3193



11.6654, 0.5342, 0.2717



1.1569, 0.5045, 0.2553

Inverse Universe

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



75.4445, 0.3303, 0.3130



72.5075, 0.3339, 0.3101



90.4688, 0.2892, 0.3256



18.1106, 0.3229, 0.3193



11.6654, 0.5342, 0.2717



1.1569, 0.5045, 0.2553

Previews

White Background



This preview shows how the Yxy color 75.4412, 0.3303, 0.3130 looks on a white background.

Color Contrast Check

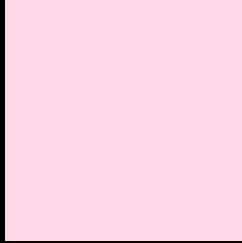
Large Text (above 18pt) WCAG AA × Fail

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 75.4412, 0.3303, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

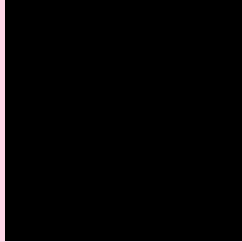
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4412, 0.3303, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 75.4412, 0.3303, 0.3130.



This preview shows how white text looks on a background with the Yxy color 75.4412, 0.3303, 0.3130.

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





Tritanopia

75.4979, 0.3296, 0.3120

Trichromacy



Original Color

75.4412, 0.3303, 0.3130

Protanomaly

75.4863, 0.3148, 0.3155

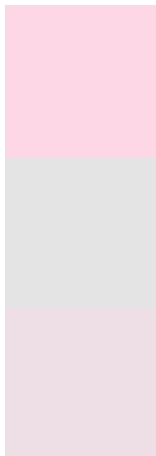
Deuteranomaly

75.2953, 0.3264, 0.3158

Tritanomaly

75.4979, 0.3296, 0.3120

Monochromacy



Original Color

75.4412, 0.3303, 0.3130

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.4370, 0.3186, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4412, 0.3303, 0.3130 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(254, 215, 231)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 231)  
}
```

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(254, 215, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 231) }
```

Border

The CSS property to change the border of an element to Yxy 75.4412, 0.3303, 0.3130 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(254, 215, 231) }
```

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

```
.border{ border-color:rgb(254, 215, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 215, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 231);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4412, 0.3303, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 215, 231) }
```

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

```
.background{ background-color: rgb(254,  
215, 231) }
```

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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