

Converting Colors

$Y_{xy}(73.4159, 0.3238, 0.3130)$

Have a look what the booklet for
Yxy(73.4159, 0.3238, 0.3130)
contains.

Yxy(73.5471, 0.3236, 0.3136)	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(73.5471, 0.3236, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	F4D7E6
RGB	244, 215, 230
RGB Percent	96%, 84%, 90%
CMY	0.0432, 0.1568, 0.0979
CMYK	0.00, 0.12, 0.06, 0.04
HSL	329°, 57%, 90%
HSV	329°, 12%, 96%
XYZ	75.8924, 73.5471, 85.0857
YIQ	225.3810, 12.4690, 10.8130

Conversions

Conversions Part 2

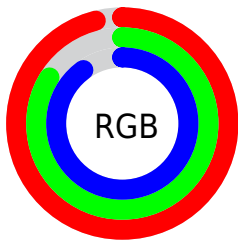
Format	Color
RYB	244, 215, 230
Decimal	16046054
CIELab	88.71, 12.54, -3.69
CIElCh	89, 13.066, 343.616
Yxy	73.5471, 0.3236, 0.3136
Android (android.graphics.Color)	4294236134 (0xFFFF4D7E6)
YUV	225.3810, 2.2772, 16.3289
Hunter-Lab	85.7596, 7.8830, 1.2076

Details

The Yxy color **73.5471, 0.3236, 0.3136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.7971, 0.3031, 0.3449**, and the grayscale version is **75.5624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9281, 0.3261, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **61.3989, 0.3348, 0.2999**, and if you desaturate by 10%, it is **87.5992, 0.3143, 0.3266**.

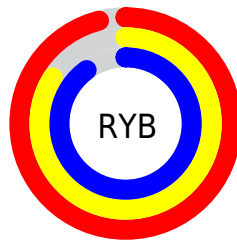
Distribution



Red (96%)

Green (84%)

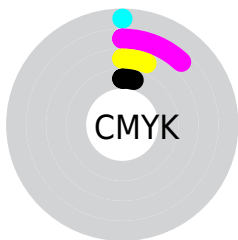
Blue (90%)



Red (96%)

Yellow (84%)

Blue (90%)

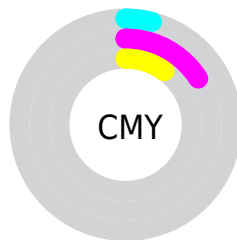


Cyan (0%)

Magenta (12%)

Yellow (6%)

Black (4%)



Cyan (4%)


Magenta (16%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5471, 0.3236, 0.3136 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 73.5471, 0.3236, 0.3136 by changing the saturation by 10% instead.


 73.5471, 0.3236,
0.3136

 73.5471, 0.3236,
0.3136


472.9088, 0.3186,
0.3206

 54.4234, 0.3247,
0.3120


124.2536, 0.3219,
0.3160

 38.9403, 0.3261,
0.3101

156.6052, 0.3212,
0.3170

 26.7133, 0.3279,
0.3076


194.1349, 0.3206,
0.3178

 17.3580, 0.3301,
0.3044

237.2271, 0.3201,
0.3185

 10.4901, 0.3332,
0.3001

286.2662, 0.3197,
0.3191

 5.7251, 0.3376,
0.2940

341.6366, 0.3193,

 2.6786, 0.3445,

0.3197

0.2847

403.7226, 0.3189,
0.3202

0.9664, 0.3564,
0.2685

0.0000, 0.6252,
0.0000

73.5471, 0.3236,
0.3136

73.5471, 0.3236,
0.3136

61.3989, 0.3348,
0.2999

87.5992, 0.3143,
0.3266

51.0623, 0.3482,
0.2860

97.8765, 0.3068,
0.3304

42.4517, 0.3641,
0.2722

97.9710, 0.3060,
0.3290

35.4709, 0.3825,
0.2596

■ 30.0142, 0.4032,
0.2490

■ 25.9629, 0.4259,
0.2419

■ 23.1810, 0.4496,
0.2393

■ 21.5048, 0.4732,
0.2423

■ 20.7515, 0.4916,
0.2482

Harmonies

Analogous

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



73.5471, 0.3077, 0.3051



73.5471, 0.3236, 0.3136



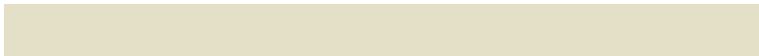
73.5471, 0.3368, 0.3260

Triad

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



73.5471, 0.3236, 0.3136



73.5471, 0.3318, 0.3564



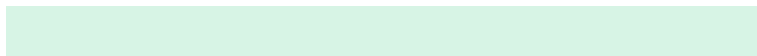
73.5471, 0.2830, 0.3172

Complementary

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



73.5471, 0.3236, 0.3136



84.7971, 0.3031, 0.3449

Split Complementary

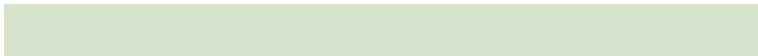
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5471, 0.2891, 0.3314



73.5471, 0.3236, 0.3136



73.5471, 0.3171, 0.3545

Square

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



73.5471, 0.3236, 0.3136



73.5471, 0.3416, 0.3507



73.5471, 0.3015, 0.3452



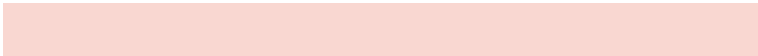
73.5471, 0.2845, 0.3068

Rectangle

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



73.5471, 0.3236, 0.3136



73.5471, 0.3421, 0.3351



73.5471, 0.3015, 0.3452



73.5471, 0.2842, 0.3217

Sweetspot

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



73.5503, 0.3236, 0.3136



93.3517, 0.3161, 0.3239



71.7159, 0.3032, 0.2987



19.7218, 0.3168, 0.3230



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.



73.5503, 0.3236, 0.3136



78.2419, 0.3258, 0.3107



72.7915, 0.3335, 0.3281



16.6261, 0.3212, 0.3168



11.3125, 0.4881, 0.2463



1.0150, 0.4614, 0.2316

Inverse Universe

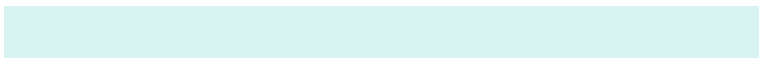
The Inverse Universe completely reimagines the original color for something new.



73.5503, 0.3236, 0.3136



78.2419, 0.3258, 0.3107



85.6148, 0.2950, 0.3300



16.6261, 0.3212, 0.3168



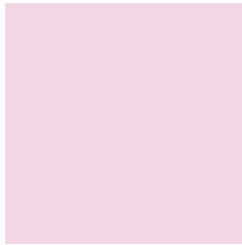
11.3125, 0.4881, 0.2463



1.0150, 0.4614, 0.2316

Previews

White Background



This preview shows how the Yxy color 73.5471, 0.3236, 0.3136 looks on a white background.

Color Contrast Check

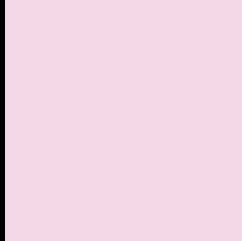
Large Text (above 18pt) WCAG AA × Fail

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 73.5471, 0.3236, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

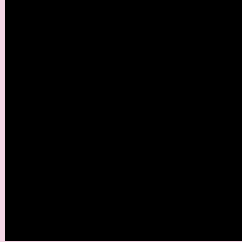
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5471, 0.3236, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 73.5471, 0.3236, 0.3136.



This preview shows how white text looks on a background with the Yxy color 73.5471, 0.3236, 0.3136.

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

73.5471, 0.3236, 0.3136

Protanopia

74.0304, 0.3063, 0.3162

Deuteranopia

73.5257, 0.3214, 0.3146



Tritanopia

73.6602, 0.3223, 0.3116

Trichromacy



Original Color

73.5471, 0.3236, 0.3136

Protanomaly

73.5352, 0.3120, 0.3143

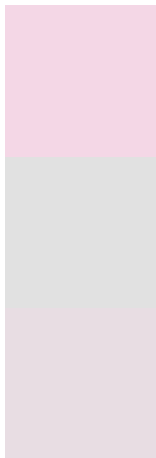
Deuteranomaly

73.7022, 0.3221, 0.3146

Tritanomaly

73.6035, 0.3229, 0.3126

Monochromacy



Original Color

73.5471, 0.3236, 0.3136

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.4148, 0.3166, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5471, 0.3236, 0.3136 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(244, 215, 230)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 230)  
}
```

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(244, 215, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 230) }
```

Border

The CSS property to change the border of an element to Yxy 73.5471, 0.3236, 0.3136 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(244, 215, 230) }
```

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

```
.border{ border-color:rgb(244, 215, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 230);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5471, 0.3236, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 230) }
```

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

```
.background{ background-color: rgb(244,  
215, 230) }
```

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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