

Converting Colors

$Y_{xy}(74.3155, 0.3231, 0.3097)$

Have a look what the booklet for
Yxy(74.3155, 0.3231, 0.3097)
contains.

Yxy(74.3155, 0.3231, 0.3097)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.3155, 0.3231, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	F7D7EA
RGB	247, 215, 234
RGB Percent	97%, 84%, 92%
CMY	0.0311, 0.1570, 0.0823
CMYK	0.00, 0.13, 0.05, 0.03
HSL	324°, 67%, 91%
HSV	324°, 13%, 97%
XYZ	77.5310, 74.3155, 88.1132
YIQ	226.7340, 12.9730, 12.6930

Conversions

Conversions Part 2

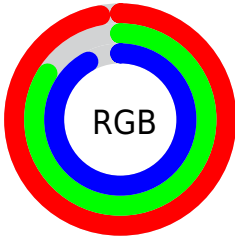
Format	Color
R _Y B	247, 215, 234
Decimal	16242666
CIE Lab	89.07, 14.28, -5.22
CIE LCh	89, 15.207, 339.931
Yxy	74.3155, 0.3231, 0.3097
Android (android.graphics.Color)	4294432746 (0xFFFF7D7EA)
YUV	226.7340, 3.5821, 17.7733
Hunter-Lab	86.2064, 9.6752, -0.2569

Details

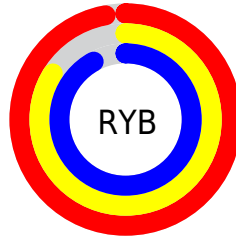
The Yxy color **74.3155, 0.3231, 0.3097** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.6147, 0.3035, 0.3491**, and the grayscale version is **76.5868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3031, 0.3252, 0.3055** is the 20% darker color. If you saturate the color by 10%, you get **62.1118, 0.3329, 0.2941**, and if you desaturate by 10%, it is **88.4585, 0.3149, 0.3247**.

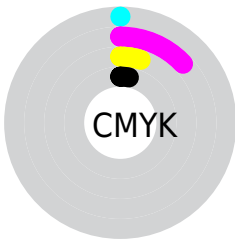
Distribution



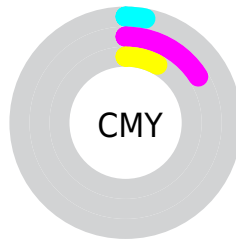
- Red (97%)
- Green (84%)
- Blue (92%)



- 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 74.3155, 0.3231, 0.3097 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 74.3155, 0.3231, 0.3097 by changing the saturation by 10% instead.


 74.3155, 0.3231,
0.3097

 74.3155, 0.3231,
0.3097


475.5616, 0.3184,
0.3185

 55.0523, 0.3242,
0.3077


125.3429, 0.3215,
0.3127

 39.4436, 0.3255,
0.3053


157.8760, 0.3208,
0.3139

 27.1050, 0.3271,
0.3023


195.6011, 0.3203,
0.3149

 17.6521, 0.3292,
0.2984

238.9027, 0.3198,
0.3158

 10.7005, 0.3320,
0.2932

288.1651, 0.3194,
0.3166

 5.8658, 0.3361,
0.2858

343.7728, 0.3190,

 2.7637, 0.3422,

0.3173

0.2746

406.1102, 0.3187,
0.3179

■ 1.0096, 0.3526,
0.2556

■ 0.0000, 0.4981,
0.0000

■ 74.3155, 0.3231,
0.3097

■ 74.3155, 0.3231,
0.3097

■ 62.1118, 0.3329,
0.2941

■ 88.4585, 0.3149,
0.3247

■ 51.7523, 0.3445,
0.2782

■ 98.4713, 0.3083,
0.3298

■ 43.1481, 0.3579,
0.2628

■ 98.5279, 0.3078,
0.3290

■ 36.1995, 0.3733,
0.2486

■ 30.7964, 0.3905,
0.2368

■ 26.8154, 0.4089,
0.2285

■ 24.1139, 0.4280,
0.2249

■ 22.5191, 0.4469,
0.2267

■ 21.8811, 0.4598,
0.2307

Harmonies

Analogous

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



74.3155, 0.3046, 0.3006



74.3155, 0.3231, 0.3097



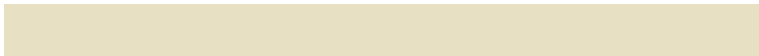
74.3155, 0.3391, 0.3236

Triad

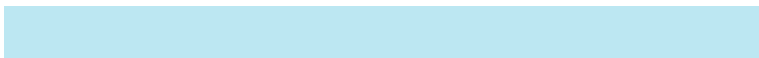
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3155, 0.3231, 0.3097



74.3155, 0.3367, 0.3604



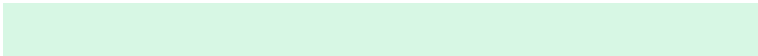
74.3155, 0.2787, 0.3171

Complementary

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



74.3155, 0.3231, 0.3097



86.6147, 0.3035, 0.3491

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.



74.3155, 0.2868, 0.3338



74.3155, 0.3231, 0.3097



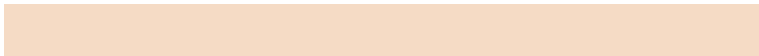
74.3155, 0.3200, 0.3594

Square

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



74.3155, 0.3231, 0.3097



74.3155, 0.3470, 0.3528



74.3155, 0.3018, 0.3496



74.3155, 0.2794, 0.3044

Rectangle

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



74.3155, 0.3231, 0.3097



74.3155, 0.3460, 0.3341



74.3155, 0.3018, 0.3496



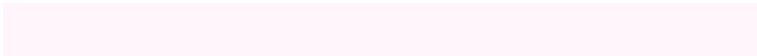
74.3155, 0.2805, 0.3224

Sweetspot

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



74.3188, 0.3231, 0.3097



93.3995, 0.3157, 0.3232



71.7733, 0.3007, 0.2955



19.7340, 0.3162, 0.3221



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

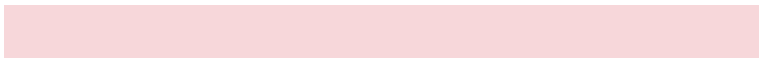
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3188, 0.3231, 0.3097



75.6513, 0.3259, 0.3050



73.4489, 0.3342, 0.3258



16.6475, 0.3200, 0.3150



11.5931, 0.4569, 0.2291



1.0393, 0.4352, 0.2171

Inverse Universe

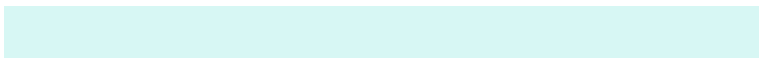
The Inverse Universe completely reimagines the original color for something new.



74.3188, 0.3231, 0.3097



75.6513, 0.3259, 0.3050



87.5349, 0.2946, 0.3323



16.6475, 0.3200, 0.3150



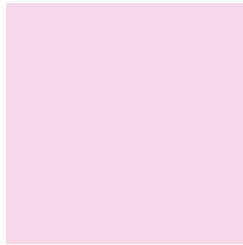
11.5931, 0.4569, 0.2291



1.0393, 0.4352, 0.2171

Previews

White Background



This preview shows how the Yxy color 74.3155, 0.3231, 0.3097 looks on a white background.

Color Contrast Check

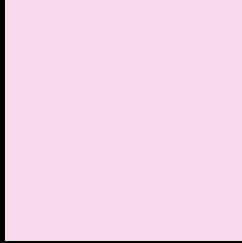
Large Text (above 18pt) WCAG AA × Fail

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 74.3155, 0.3231, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

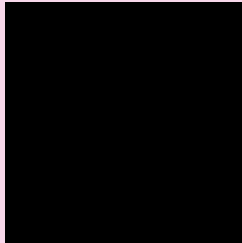
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3155, 0.3231, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 74.3155, 0.3231, 0.3097.



This preview shows how white text looks on a background with the Yxy color 74.3155, 0.3231, 0.3097.

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

74.3155, 0.3231, 0.3097

Protanopia

74.8546, 0.3032, 0.3121

Deuteranopia

74.2670, 0.3186, 0.3115



Tritanopia

74.2012, 0.3244, 0.3117

Trichromacy



Original Color

74.3155, 0.3231, 0.3097

Protanomaly

74.4566, 0.3100, 0.3113

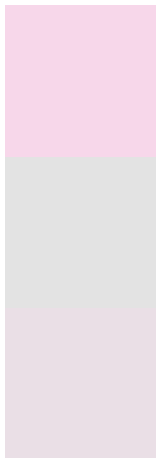
Deuteranomaly

74.1069, 0.3201, 0.3106

Tritanomaly

74.2582, 0.3237, 0.3107

Monochromacy



Original Color

74.3155, 0.3231, 0.3097

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 74.3155, 0.3231, 0.3097 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(247, 215, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 215, 234) }
```

Border

The CSS property to change the border of an element to Yxy 74.3155, 0.3231, 0.3097 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, 234) }
```

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

```
.border{ border-color:rgb(247, 215, 234) }
```

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, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 215, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 215, 234);  
box-shadow:4px 4px 4px 4px rgb(247, 215,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3155, 0.3231, 0.3097 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, 234) }
```

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

```
.background{ background-color: rgb(247,  
215, 234) }
```

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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