

Converting Colors

$Y_{xy}(74.5675, 0.3293, 0.3080)$

Have a look what the booklet for
Yxy(74.5675, 0.3293, 0.3080)
contains.

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Color

Yxy(74.7890, 0.3291, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5EA
RGB	255, 213, 234
RGB Percent	100%, 84%, 92%
CMY	0.0000, 0.1647, 0.0823
CMYK	0.00, 0.16, 0.08, 0.00
HSL	330°, 100%, 92%
HSV	330°, 16%, 100%
XYZ	79.8866, 74.7890, 88.0670
YIQ	227.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

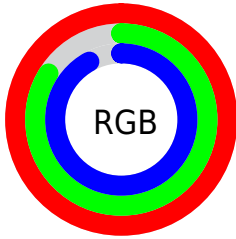
Format	Color
R _Y B	255, 213, 234
Decimal	16766442
CIE Lab	89.29, 18.01, -4.80
CIE LCh	89, 18.638, 345.069
Yxy	74.7890, 0.3291, 0.3081
Android (android.graphics.Color)	4294956522 (0xFFFFD5EA)
YUV	227.9520, 2.9817, 23.7211
Hunter-Lab	86.4806, 13.5485, 0.1588

Details

The Yxy color $74.7890, 0.3291, 0.3081$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.6075, 0.2990, 0.3509$, and the grayscale version is $77.5151, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.6738, 0.3332, 0.3035$ is the 20% darker color. If you saturate the color by 10%, you get $62.2489, 0.3418, 0.2947$, and if you desaturate by 10%, it is $89.4033, 0.3185, 0.3210$.

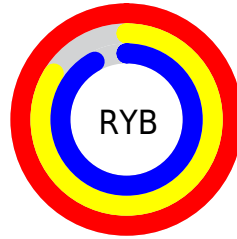
Distribution



Red (100%)

Green (84%)

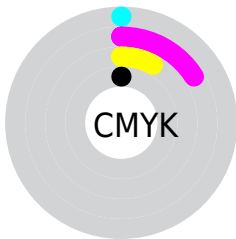
Blue (92%)



Red (100%)

Yellow (84%)

Blue (92%)

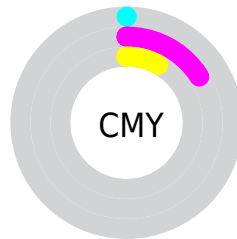


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7890, 0.3291, 0.3081 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 74.7890, 0.3291, 0.3081 by changing the saturation by 10% instead.

 74.7890, 0.3291,
0.3081

 74.7890, 0.3291,
0.3081


477.1920, 0.3216,
0.3176

 55.4400, 0.3308,
0.3060


126.0136, 0.3265,
0.3113

 39.7542, 0.3328,
0.3034


158.6581, 0.3255,
0.3126

 27.3469, 0.3354,
0.3001


196.5032, 0.3247,
0.3137

 17.8339, 0.3388,
0.2959

239.9334, 0.3239,
0.3147

 10.8308, 0.3433,
0.2903

289.3329, 0.3232,
0.3155

 5.9532, 0.3498,
0.2824

345.0863, 0.3226,

 2.8166, 0.3596,

0.3163

0.2705

407.5778, 0.3221,
0.3170

1.0368, 0.3765,
0.2504

0.0000, 0.5931,
0.0000

74.7890, 0.3291,
0.3081

74.7890, 0.3291,
0.3081

62.2489, 0.3418,
0.2947

89.4033, 0.3185,
0.3210

51.6810, 0.3569,
0.2812

100.0000, 0.3127,
0.3290

42.9849, 0.3747,
0.2682

36.0487, 0.3952,
0.2568

■ 30.7484, 0.4181,
0.2481

■ 26.9435, 0.4426,
0.2435

■ 24.4696, 0.4677,
0.2439

■ 23.1213, 0.4918,
0.2499

■ 22.8052, 0.5001,
0.2529

Harmonies

Analogous

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



74.7890, 0.3065, 0.2959



74.7890, 0.3291, 0.3081



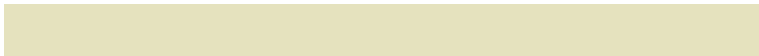
74.7890, 0.3477, 0.3255

Triad

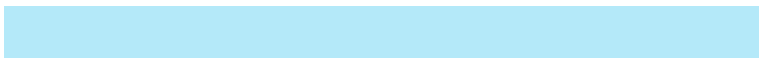
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7890, 0.3291, 0.3081



74.7890, 0.3388, 0.3681



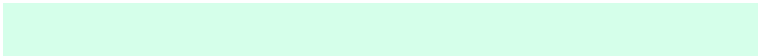
74.7890, 0.2707, 0.3111

Complementary

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



74.7890, 0.3291, 0.3081



91.6075, 0.2990, 0.3509

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.



74.7890, 0.2787, 0.3311



74.7890, 0.3291, 0.3081



74.7890, 0.3177, 0.3651

Square

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



74.7890, 0.3291, 0.3081



74.7890, 0.3533, 0.3601



74.7890, 0.2957, 0.3513



74.7890, 0.2734, 0.2970

Rectangle

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



74.7890, 0.3291, 0.3081



74.7890, 0.3550, 0.3382



74.7890, 0.2957, 0.3513



74.7890, 0.2722, 0.3174

Sweetspot

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



74.7913, 0.3291, 0.3081



91.7293, 0.3172, 0.3229



72.3035, 0.2999, 0.2862



19.3944, 0.3178, 0.3220



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.



74.7913, 0.3291, 0.3081



70.1308, 0.3333, 0.3034



73.6551, 0.3442, 0.3291



18.1386, 0.3215, 0.3172



11.9464, 0.4964, 0.2508



1.1852, 0.4710, 0.2368

Inverse Universe

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



74.7913, 0.3291, 0.3081



70.1308, 0.3333, 0.3034



92.8868, 0.2877, 0.3289



18.1386, 0.3215, 0.3172



11.9464, 0.4964, 0.2508



1.1852, 0.4710, 0.2368

Previews

White Background



This preview shows how the Yxy color 74.7890, 0.3291, 0.3081 looks on a white background.

Color Contrast Check

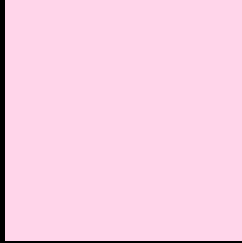
Large Text (above 18pt) WCAG AA × Fail

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 74.7890, 0.3291, 0.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

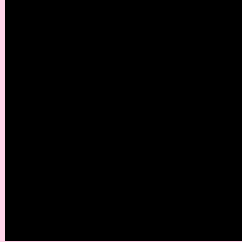
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7890, 0.3291, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 74.7890, 0.3291, 0.3081.

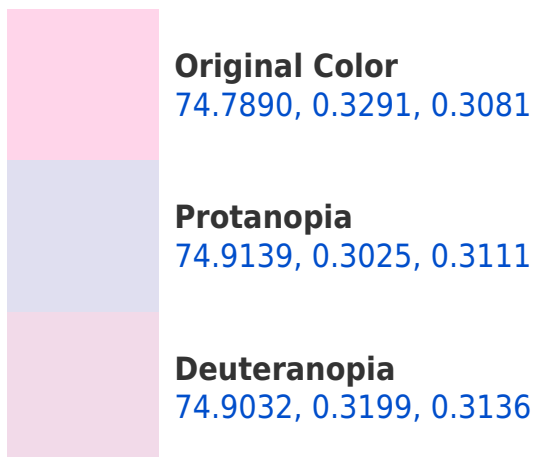


This preview shows how white text looks on a background with the Yxy color 74.7890, 0.3291, 0.3081.

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

74.8771, 0.3311, 0.3130

Trichromacy



Original Color

74.7890, 0.3291, 0.3081

Protanomaly

74.4982, 0.3115, 0.3093

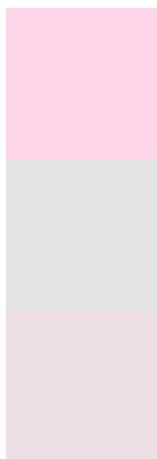
Deuteranomaly

74.7691, 0.3237, 0.3118

Tritanomaly

74.9335, 0.3304, 0.3120

Monochromacy



Original Color

74.7890, 0.3291, 0.3081

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.6657, 0.3187, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7890, 0.3291, 0.3081 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(255, 213, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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(255, 213, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 234) }
```

Border

The CSS property to change the border of an element to Yxy 74.7890, 0.3291, 0.3081 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(255, 213, 234) }
```

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

```
.border{ border-color:rgb(255, 213, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7890, 0.3291, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 234) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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