

Converting Colors

$Y_{xy}(74.3322, 0.3329, 0.3173)$

Have a look what the booklet for
Yxy(74.3322, 0.3329, 0.3173)
contains.

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Color

Yxy(74.2796, 0.3324, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	FCD6E2
RGB	252, 214, 226
RGB Percent	99%, 84%, 89%
CMY	0.0119, 0.1607, 0.1136
CMYK	0.00, 0.15, 0.10, 0.01
HSL	341°, 86%, 91%
HSV	341°, 15%, 99%
XYZ	77.9127, 74.2796, 82.2021
YIQ	226.7300, 18.7960, 11.7880

Conversions

Conversions Part 2

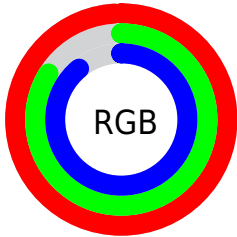
Format	Color
R _Y B	252, 214, 226
Decimal	16570082
CIE Lab	89.05, 15.12, -0.98
CIE LCh	89, 15.154, 356.280
Yxy	74.2796, 0.3324, 0.3169
Android (android.graphics.Color)	4294760162 (0xFFFC D6E2)
YUV	226.7300, -0.3599, 22.1618
Hunter-Lab	86.1856, 10.5411, 3.7803

Details

The Yxy color **74.2796, 0.3324, 0.3169** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.1870, 0.2963, 0.3414**, and the grayscale version is **76.6030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3387, 0.3367, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **61.6006, 0.3493, 0.3083**, and if you desaturate by 10%, it is **89.0328, 0.3187, 0.3251**.

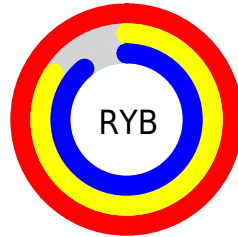
Distribution



Red (99%)

Green (84%)

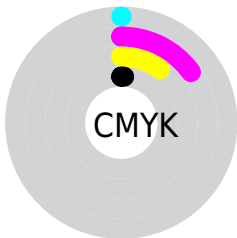
Blue (89%)



Red (99%)

Yellow (84%)

Blue (89%)

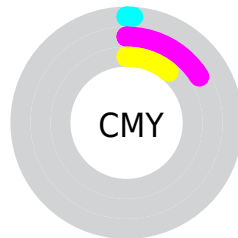


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (1%)



Cyan (1%)

Magenta (16%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2796, 0.3324, 0.3169 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 74.2796, 0.3324, 0.3169 by changing the saturation by 10% instead.


 74.2796, 0.3324,
0.3169

 74.2796, 0.3324,
0.3169

475.4378, 0.3233,
0.3225

 55.0229, 0.3345,
0.3156


125.2921, 0.3293,
0.3188

 39.4201, 0.3370,
0.3141

157.8167, 0.3280,
0.3196

 27.0867, 0.3402,
0.3121


195.5327, 0.3270,
0.3202

 17.6383, 0.3444,
0.3096

238.8245, 0.3261,
0.3208

 10.6906, 0.3502,
0.3061

288.0765, 0.3253,
0.3213

 5.8592, 0.3584,
0.3011

343.6731, 0.3245,

 2.7597, 0.3713,

0.3217

0.2934

405.9988, 0.3239,
0.3221

■ 1.0076, 0.3941,
0.2799

■ 0.0000, 1.0000,
0.0000

■ 74.2796, 0.3324,
0.3169

■ 74.2796, 0.3324,
0.3169

■ 61.6006, 0.3493,
0.3083

■ 89.0328, 0.3187,
0.3251

■ 50.8927, 0.3698,
0.2996

■ 99.4292, 0.3108,
0.3290

■ 42.0589, 0.3945,
0.2913

■ 34.9899, 0.4237,
0.2842

■ 29.5652, 0.4568,
0.2793

■ 25.6487, 0.4925,
0.2779

■ 23.0824, 0.5283,
0.2810

■ 21.6720, 0.5608,
0.2891

■ 21.2649, 0.5750,
0.2941

Harmonies

Analogous

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



74.2796, 0.3147, 0.3049



74.2796, 0.3324, 0.3169



74.2796, 0.3450, 0.3321

Triad

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



74.2796, 0.3324, 0.3169



74.2796, 0.3280, 0.3609



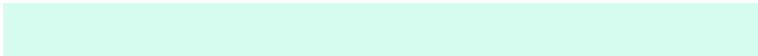
74.2796, 0.2781, 0.3095

Complementary

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



74.2796, 0.3324, 0.3169



90.1870, 0.2963, 0.3414

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.



74.2796, 0.2815, 0.3245



74.2796, 0.3324, 0.3169



74.2796, 0.3100, 0.3549

Square

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



74.2796, 0.3324, 0.3169



74.2796, 0.3423, 0.3578



74.2796, 0.2930, 0.3413



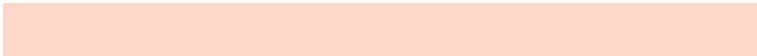
74.2796, 0.2836, 0.3004

Rectangle

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



74.2796, 0.3324, 0.3169



74.2796, 0.3485, 0.3424



74.2796, 0.2930, 0.3413



74.2796, 0.2782, 0.3140

Sweetspot

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



74.2829, 0.3324, 0.3169



91.5846, 0.3186, 0.3251



73.6436, 0.3060, 0.2907



19.3593, 0.3195, 0.3246



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

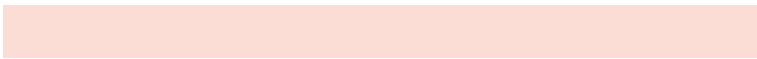
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2829, 0.3324, 0.3169



72.2717, 0.3370, 0.3144



77.2439, 0.3400, 0.3362



17.3157, 0.3244, 0.3215



11.1039, 0.5707, 0.2917



1.0468, 0.5371, 0.2732

Inverse Universe

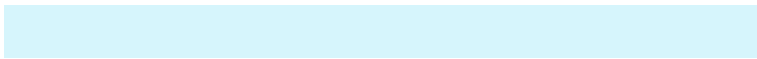
The Inverse Universe completely reimagines the original color for something new.



74.2829, 0.3324, 0.3169



72.2717, 0.3370, 0.3144



86.6350, 0.2895, 0.3217



17.3157, 0.3244, 0.3215



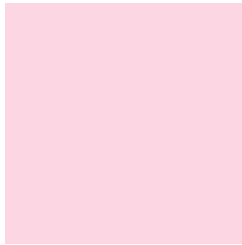
11.1039, 0.5707, 0.2917



1.0468, 0.5371, 0.2732

Previews

White Background



This preview shows how the Yxy color 74.2796, 0.3324, 0.3169 looks on a white background.

Color Contrast Check

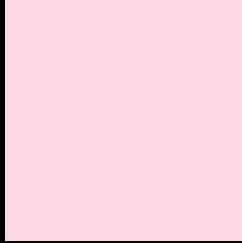
Large Text (above 18pt) WCAG AA × Fail

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 74.2796, 0.3324, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

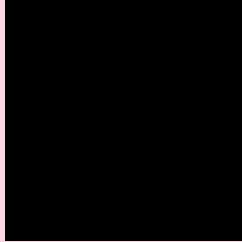
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2796, 0.3324, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 74.2796, 0.3324, 0.3169.

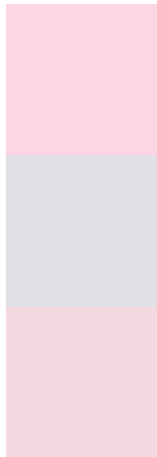


This preview shows how white text looks on a background with the Yxy color 74.2796, 0.3324, 0.3169.

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

74.2796, 0.3324, 0.3169

Protanopia

74.7136, 0.3096, 0.3205

Deuteranopia

74.4744, 0.3277, 0.3208



Tritanopia

73.9971, 0.3297, 0.3119

Trichromacy



Original Color

74.2796, 0.3324, 0.3169

Protanomaly

74.5057, 0.3174, 0.3196

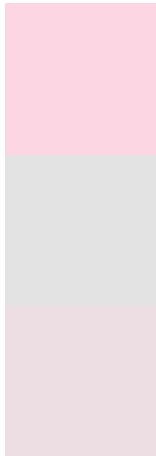
Deuteranomaly

74.5044, 0.3300, 0.3199

Tritanomaly

73.9411, 0.3304, 0.3129

Monochromacy



Original Color

74.2796, 0.3324, 0.3169

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.6215, 0.3193, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2796, 0.3324, 0.3169 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(252, 214, 226)` looks like.

```
.text, #text, p{  
    color:rgb(252, 214, 226)  
}
```

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(252, 214, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 214, 226) }
```

Border

The CSS property to change the border of an element to Yxy 74.2796, 0.3324, 0.3169 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(252, 214, 226) }
```

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

```
.border{ border-color:rgb(252, 214, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 214, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 214, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 214, 226);  
box-shadow:4px 4px 4px 4px rgb(252, 214,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2796, 0.3324, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 214, 226) }
```

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

```
.background{ background-color: rgb(252,  
214, 226) }
```

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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