

Converting Colors

$Yxy(74.5461, 0.3343, 0.3198)$

Have a look what the booklet for
Yxy(74.5461, 0.3343, 0.3198)
contains.

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Color

Yxy(74.6781, 0.3338, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	FCD7E0
RGB	252, 215, 224
RGB Percent	99%, 84%, 88%
CMY	0.0115, 0.1570, 0.1215
CMYK	0.00, 0.15, 0.11, 0.01
HSL	345°, 86%, 92%
HSV	345°, 15%, 99%
XYZ	77.9229, 74.6781, 80.8410
YIQ	227.0890, 19.1630, 10.6430

Conversions

Conversions Part 2

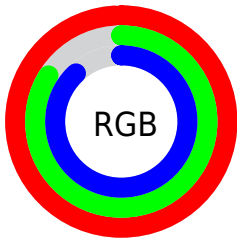
Format	Color
R _Y B	252, 215, 224
Decimal	16570336
CIE Lab	89.24, 14.33, 0.35
CIE LCh	89, 14.339, 1.402
Yxy	74.6781, 0.3338, 0.3199
Android (android.graphics.Color)	4294760416 (0xFFFC D7E0)
YUV	227.0890, -1.5229, 21.8469
Hunter-Lab	86.4165, 9.7271, 5.0269

Details

The Yxy color **74.6781, 0.3338, 0.3199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.5875, 0.2952, 0.3383**, and the grayscale version is **76.8927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6083, 0.3384, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **61.8421, 0.3523, 0.3133**, and if you desaturate by 10%, it is **89.6145, 0.3188, 0.3262**.

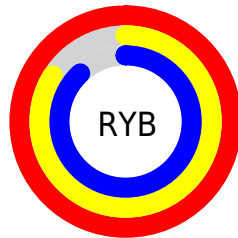
Distribution



Red (99%)

Green (84%)

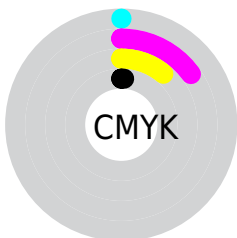
Blue (88%)



Red (99%)

Yellow (84%)

Blue (88%)

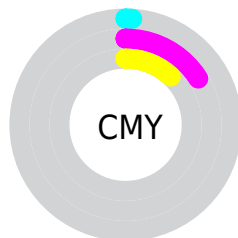


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (1%)



Cyan (1%)


Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6781, 0.3338, 0.3199 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 74.6781, 0.3338, 0.3199 by changing the saturation by 10% instead.


 74.6781, 0.3338,
0.3199

 74.6781, 0.3338,
0.3199


476.8104, 0.3241,
0.3241

 55.3492, 0.3360,
0.3189


125.8566, 0.3304,
0.3214

 39.6814, 0.3388,
0.3177


158.4750, 0.3291,
0.3219

 27.2902, 0.3422,
0.3162


196.2920, 0.3280,
0.3224

 17.7913, 0.3467,
0.3143

239.6921, 0.3270,
0.3228

 10.8003, 0.3529,
0.3116

289.0596, 0.3261,
0.3232

 5.9327, 0.3618,
0.3077

344.7788, 0.3254,

 2.8042, 0.3757,

0.3236

0.3016

407.2343, 0.3247,
0.3239

■ 1.0304, 0.4005,
0.2907

■ 0.0000, 1.0000,
0.0000

■ 74.6781, 0.3338,
0.3199

■ 74.6781, 0.3338,
0.3199

■ 61.8421, 0.3523,
0.3133

■ 89.6145, 0.3188,
0.3262

■ 51.0024, 0.3751,
0.3066

■ 99.4503, 0.3109,
0.3290

■ 42.0611, 0.4027,
0.3002

■ 34.9080, 0.4353,
0.2949

■ 29.4214, 0.4724,
0.2915

■ 25.4644, 0.5121,
0.2912

■ 22.8780, 0.5510,
0.2948

■ 21.4677, 0.5846,
0.3026

■ 21.0521, 0.5993,
0.3075

Harmonies

Analogous

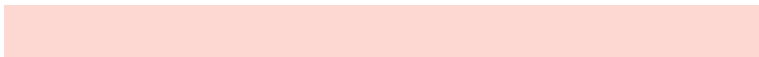
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6781, 0.3176, 0.3078



74.6781, 0.3338, 0.3199



74.6781, 0.3444, 0.3345

Triad

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



74.6781, 0.3338, 0.3199



74.6781, 0.3244, 0.3588



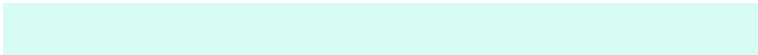
74.6781, 0.2803, 0.3087

Complementary

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



74.6781, 0.3338, 0.3199



90.5875, 0.2952, 0.3383

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.



74.6781, 0.2820, 0.3221



74.6781, 0.3338, 0.3199



74.6781, 0.3072, 0.3517

Square

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



74.6781, 0.3338, 0.3199



74.6781, 0.3388, 0.3573



74.6781, 0.2918, 0.3380



74.6781, 0.2869, 0.3012

Rectangle

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



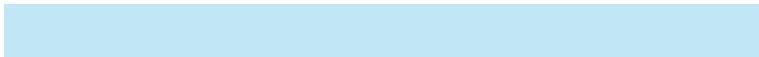
74.6781, 0.3338, 0.3199



74.6781, 0.3467, 0.3440



74.6781, 0.2918, 0.3380



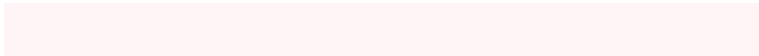
74.6781, 0.2799, 0.3126

Sweetspot

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



74.6814, 0.3338, 0.3199



93.1770, 0.3178, 0.3266



74.6413, 0.3079, 0.2918



19.6777, 0.3188, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

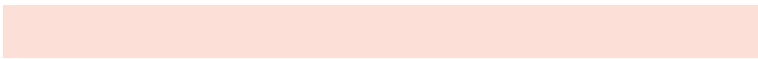
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6814, 0.3338, 0.3199



72.0926, 0.3395, 0.3178



79.0619, 0.3389, 0.3385



17.2946, 0.3255, 0.3232



10.9777, 0.5953, 0.3053



1.0327, 0.5623, 0.2871

Inverse Universe

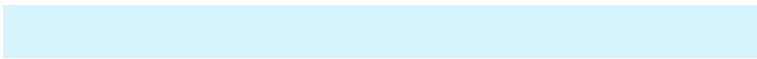
The Inverse Universe completely reimagines the original color for something new.



74.6814, 0.3338, 0.3199



72.0926, 0.3395, 0.3178



85.4603, 0.2899, 0.3193



17.2946, 0.3255, 0.3232



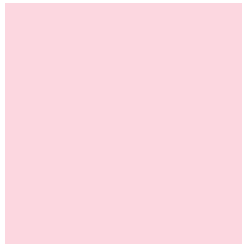
10.9777, 0.5953, 0.3053



1.0327, 0.5623, 0.2871

Previews

White Background



This preview shows how the Yxy color 74.6781, 0.3338, 0.3199 looks on a white background.

Color Contrast Check

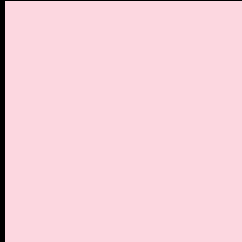
Large Text (above 18pt) WCAG AA × Fail

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 74.6781, 0.3338, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

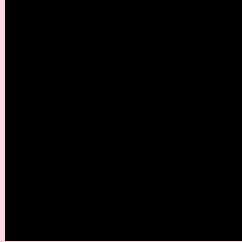
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6781, 0.3338, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 74.6781, 0.3338, 0.3199.

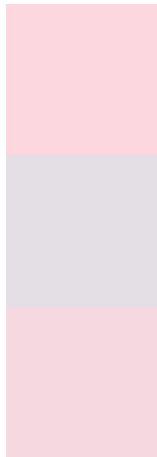


This preview shows how white text looks on a background with the Yxy color 74.6781, 0.3338, 0.3199.

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

74.6781, 0.3338, 0.3199

Protanopia

74.7634, 0.3116, 0.3226

Deuteranopia

74.6004, 0.3291, 0.3219



Tritanopia

74.7453, 0.3296, 0.3120

Trichromacy



Original Color

74.6781, 0.3338, 0.3199

Protanomaly

74.5653, 0.3195, 0.3217

Deuteranomaly

74.4500, 0.3307, 0.3209

Tritanomaly

74.5772, 0.3318, 0.3150

Monochromacy



Original Color

74.6781, 0.3338, 0.3199

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0992, 0.3199, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6781, 0.3338, 0.3199 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, 215, 224)` looks like.

```
.text, #text, p{  
    color:rgb(252, 215, 224)  
}
```

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, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 215, 224) }
```

Border

The CSS property to change the border of an element to Yxy 74.6781, 0.3338, 0.3199 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, 215, 224) }
```

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

```
.border{ border-color:rgb(252, 215, 224) }
```

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

Here you see how a box with a 4 pixel rgb(252, 215, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 215, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 215, 224);  
box-shadow:4px 4px 4px 4px rgb(252, 215,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6781, 0.3338, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 215, 224) }
```

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

```
.background{ background-color: rgb(252,  
215, 224) }
```

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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