

Converting Colors

$Y_{xy}(74.7968, 0.3194, 0.2984)$

Have a look what the booklet for
Yxy(74.7968, 0.3194, 0.2984)
contains.

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Color

Yxy(74.6294, 0.3192, 0.2981)

Conversions

Conversions Part 1

Format	Color
Hex	FBD5F4
RGB	251, 213, 244
RGB Percent	98%, 84%, 96%
CMY	0.0157, 0.1647, 0.0430
CMYK	0.00, 0.15, 0.03, 0.02
HSL	311°, 83%, 91%
HSV	311°, 15%, 98%
XYZ	79.9118, 74.6294, 95.8090
YIQ	227.8960, 12.6970, 17.6970

Conversions

Conversions Part 2

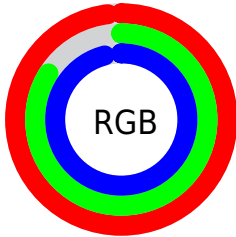
Format	Color
R _Y B	251, 213, 244
Decimal	16504308
CIE Lab	89.22, 18.38, -10.24
CIE LCh	89, 21.041, 330.880
Yxy	74.6294, 0.3192, 0.2981
Android (android.graphics.Color)	4294694388 (0xFFFBD5F4)
YUV	227.8960, 7.9393, 20.2622
Hunter-Lab	86.3883, 13.9383, -5.2838

Details

The Yxy color $74.6294, 0.3192, 0.2981$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.3082, 0.3068, 0.3620$, and the grayscale version is $77.4404, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.5539, 0.3202, 0.2908$ is the 20% darker color. If you saturate the color by 10%, you get $62.6915, 0.3243, 0.2770$, and if you desaturate by 10%, it is $88.5349, 0.3148, 0.3187$.

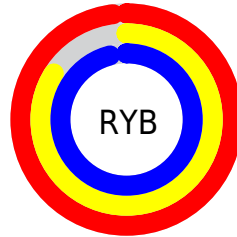
Distribution



Red (98%)

Green (84%)

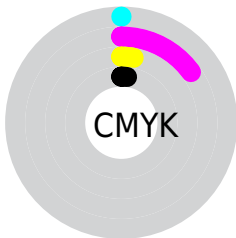
Blue (96%)



Red (98%)

Yellow (84%)

Blue (96%)

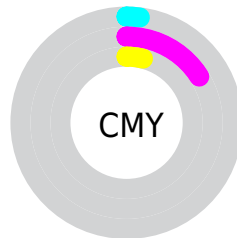


Cyan (0%)

Magenta (15%)

Yellow (3%)

Black (2%)



Cyan (2%)


Magenta (16%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6294, 0.3192, 0.2981 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 74.6294, 0.3192, 0.2981 by changing the saturation by 10% instead.

 74.6294, 0.3192,
0.2981

 74.6294, 0.3192,
0.2981


476.6428, 0.3164,
0.3120

 55.3093, 0.3198,
0.2950

125.7876, 0.3183,
0.3028

 39.6494, 0.3205,
0.2913

158.3946, 0.3179,
0.3047

 27.2653, 0.3214,
0.2866

196.1993, 0.3176,
0.3063

 17.7726, 0.3225,
0.2806

239.5861, 0.3173,
0.3077

 10.7868, 0.3240,
0.2727

288.9395, 0.3170,
0.3090

 5.9237, 0.3259,
0.2616

344.6438, 0.3168,

 2.7987, 0.3285,

0.3101

0.2453

407.0834, 0.3166,
0.3111

1.0276, 0.3322,
0.2187

0.0000, 0.3709,
0.0000

74.6294, 0.3192,
0.2981

74.6294, 0.3192,
0.2981

62.6915, 0.3243,
0.2770

88.5349, 0.3148,
0.3187

52.6219, 0.3300,
0.2561

99.1370, 0.3113,
0.3307

44.3270, 0.3364,
0.2361

99.2498, 0.3102,
0.3290

37.7017, 0.3432,
0.2181

■ 32.6294, 0.3503,
0.2031

■ 28.9786, 0.3576,
0.1920

■ 26.5963, 0.3647,
0.1854

■ 25.2936, 0.3715,
0.1835

■ 24.9170, 0.3746,
0.1838

Harmonies

Analogous

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



74.6294, 0.2942, 0.2884



74.6294, 0.3192, 0.2981



74.6294, 0.3433, 0.3153

Triad

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



74.6294, 0.3192, 0.2981



74.6294, 0.3512, 0.3703



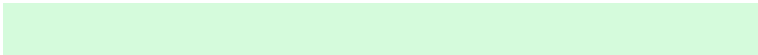
74.6294, 0.2683, 0.3188

Complementary

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



74.6294, 0.3192, 0.2981



88.3082, 0.3068, 0.3620

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.



74.6294, 0.2824, 0.3426



74.6294, 0.3192, 0.2981



74.6294, 0.3300, 0.3733

Square

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



74.6294, 0.3192, 0.2981



74.6294, 0.3621, 0.3563



74.6294, 0.3048, 0.3631



74.6294, 0.2656, 0.2992

Rectangle

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



74.6294, 0.3192, 0.2981



74.6294, 0.3552, 0.3291



74.6294, 0.3048, 0.3631



74.6294, 0.2718, 0.3266

Sweetspot

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



74.6327, 0.3192, 0.2981



91.9835, 0.3147, 0.3190



69.6662, 0.2924, 0.2888



19.4563, 0.3150, 0.3176



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.



74.6327, 0.3192, 0.2981



73.5998, 0.3206, 0.2921



73.5716, 0.3321, 0.3162



17.4668, 0.3166, 0.3098



13.1171, 0.3736, 0.1832



1.2286, 0.3662, 0.1791

Inverse Universe

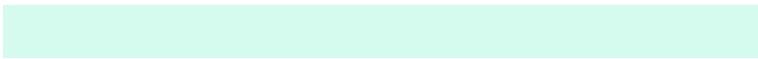
The Inverse Universe completely reimagines the original color for something new.



74.6327, 0.3192, 0.2981



73.5998, 0.3206, 0.2921



89.3355, 0.2966, 0.3422



17.4668, 0.3166, 0.3098



13.1171, 0.3736, 0.1832



1.2286, 0.3662, 0.1791

Previews

White Background



This preview shows how the Yxy color 74.6294, 0.3192, 0.2981 looks on a white background.

Color Contrast Check

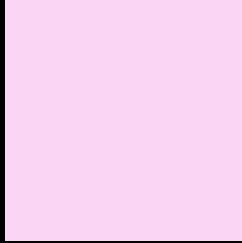
Large Text (above 18pt) WCAG AA × Fail

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 74.6294, 0.3192, 0.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

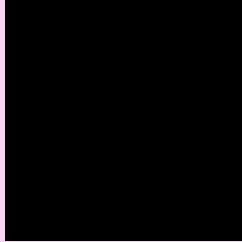
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6294, 0.3192, 0.2981

Background



This preview shows how black text looks on a background with the Yxy color 74.6294, 0.3192, 0.2981.

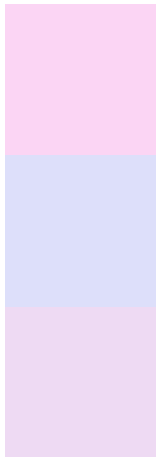


This preview shows how white text looks on a background with the Yxy color 74.6294, 0.3192, 0.2981.

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

74.6294, 0.3192, 0.2981

Protanopia

75.0496, 0.2944, 0.3007

Deuteranopia

74.7910, 0.3104, 0.3034



Tritanopia

74.5668, 0.3259, 0.3118

Trichromacy



Original Color

74.6294, 0.3192, 0.2981

Protanomaly

74.5962, 0.3030, 0.2991

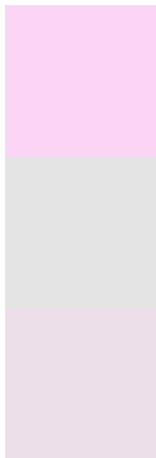
Deuteranomaly

74.6375, 0.3140, 0.3016

Tritanomaly

74.4733, 0.3239, 0.3069

Monochromacy



Original Color

74.6294, 0.3192, 0.2981

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.5487, 0.3147, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6294, 0.3192, 0.2981 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(251, 213, 244)` looks like.

```
.text, #text, p{  
    color:rgb(251, 213, 244)  
}
```

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(251, 213, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 213, 244) }
```

Border

The CSS property to change the border of an element to Yxy 74.6294, 0.3192, 0.2981 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(251, 213, 244) }
```

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

```
.border{ border-color:rgb(251, 213, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 213, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 213, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 213, 244);  
box-shadow:4px 4px 4px 4px rgb(251, 213,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6294, 0.3192, 0.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 213, 244) }
```

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

```
.background{ background-color: rgb(251,  
213, 244) }
```

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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