

Converting Colors

$Y_{xy}(74.3980, 0.3198, 0.2926)$

Have a look what the booklet for
Yxy(74.3980, 0.3198, 0.2926)
contains.

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Color

Yxy(74.6258, 0.3195, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3F8
RGB	255, 211, 248
RGB Percent	100%, 83%, 97%
CMY	0.0000, 0.1726, 0.0274
CMYK	0.00, 0.17, 0.03, 0.00
HSL	310°, 100%, 91%
HSV	310°, 17%, 100%
XYZ	81.4865, 74.6258, 98.9315
YIQ	228.3740, 14.3470, 20.8350

Conversions

Conversions Part 2

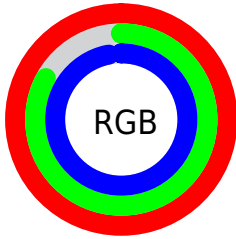
Format	Color
R _{YB}	255, 211, 248
Decimal	16765944
CIE Lab	89.22, 21.47, -12.30
CIE LCh	89, 24.743, 330.186
Yxy	74.6258, 0.3195, 0.2926
Android (android.graphics.Color)	4294956024 (0xFFFFD3F8)
YUV	228.3740, 9.6756, 23.3510
Hunter-Lab	86.3862, 17.1997, -7.4299

Details

The Yxy color $74.6258, 0.3195, 0.2926$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.4286, 0.3066, 0.3683$, and the grayscale version is $77.7891, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.5885, 0.3205, 0.2839$ is the 20% darker color. If you saturate the color by 10%, you get $62.6952, 0.3242, 0.2709$, and if you desaturate by 10%, it is $88.5682, 0.3154, 0.3140$.

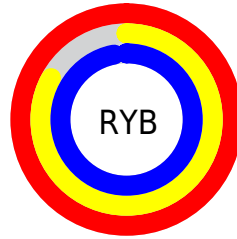
Distribution



Red (100%)

Green (83%)

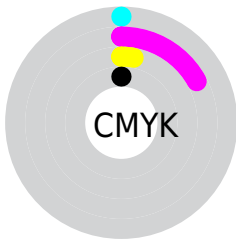
Blue (97%)



Red (100%)

Yellow (83%)

Blue (97%)

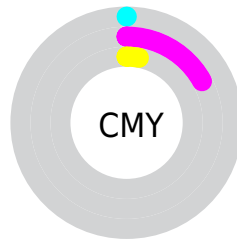


Cyan (0%)

Magenta (17%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6258, 0.3195, 0.2926 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 74.6258, 0.3195, 0.2926 by changing the saturation by 10% instead.

 74.6258, 0.3195,
0.2926

 74.6258, 0.3195,
0.2926


476.6304, 0.3166,
0.3089

 55.3064, 0.3201,
0.2890

125.7825, 0.3185,
0.2981

 39.6471, 0.3208,
0.2847


158.3886, 0.3182,
0.3003

 27.2635, 0.3217,
0.2792


196.1924, 0.3178,
0.3022

 17.7712, 0.3228,
0.2723

239.5783, 0.3175,
0.3039

 10.7859, 0.3241,
0.2632

288.9306, 0.3173,
0.3053

 5.9230, 0.3259,
0.2506

344.6338, 0.3170,

 2.7983, 0.3282,

0.3066

0.2322

407.0723, 0.3168,
0.3078

■ 1.0274, 0.3310,
0.2028

■ 0.0000, 0.3658,
0.0000

■ 74.6258, 0.3195,
0.2926

■ 74.6258, 0.3195,
0.2926

■ 62.6952, 0.3242,
0.2709

■ 88.5682, 0.3154,
0.3140

■ 52.6867, 0.3294,
0.2496

100.0000, 0.3127,
0.3290

■ 44.4966, 0.3350,
0.2295

■ 38.0132, 0.3410,
0.2117

■ 33.1125, 0.3472,
0.1971

■ 29.6539, 0.3534,
0.1866

■ 27.4716, 0.3594,
0.1807

■ 26.3522, 0.3650,
0.1792

■ 26.1433, 0.3666,
0.1793

Harmonies

Analogous

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



74.6258, 0.2902, 0.2815



74.6258, 0.3195, 0.2926



74.6258, 0.3481, 0.3123

Triad

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



74.6258, 0.3195, 0.2926



74.6258, 0.3583, 0.3772



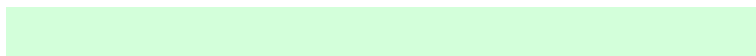
74.6258, 0.2610, 0.3174

Complementary

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



74.6258, 0.3195, 0.2926



90.4286, 0.3066, 0.3683

Split Complementary

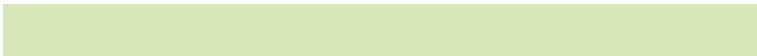
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6258, 0.2776, 0.3456



74.6258, 0.3195, 0.2926



74.6258, 0.3335, 0.3814

Square

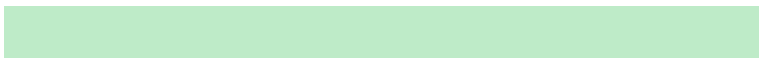
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6258, 0.3195, 0.2926



74.6258, 0.3710, 0.3602



74.6258, 0.3039, 0.3699



74.6258, 0.2576, 0.2943

Rectangle

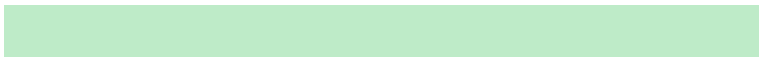
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6258, 0.3195, 0.2926



74.6258, 0.3624, 0.3283



74.6258, 0.3039, 0.3699



74.6258, 0.2651, 0.3266

Sweetspot

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



74.6242, 0.3195, 0.2926



92.0036, 0.3145, 0.3187



68.6487, 0.2887, 0.2826



19.4612, 0.3148, 0.3172



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.



74.6242, 0.3195, 0.2926



69.9284, 0.3212, 0.2845



73.3584, 0.3348, 0.3136



18.2479, 0.3162, 0.3092



13.6790, 0.3657, 0.1788



1.3446, 0.3597, 0.1755

Inverse Universe

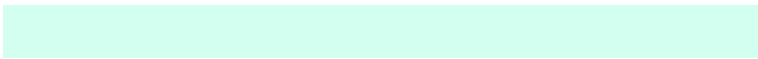
The Inverse Universe completely reimagines the original color for something new.



74.6242, 0.3195, 0.2926



69.9284, 0.3212, 0.2845



91.6354, 0.2948, 0.3450



18.2479, 0.3162, 0.3092



13.6790, 0.3657, 0.1788



1.3446, 0.3597, 0.1755

Previews

White Background



This preview shows how the Yxy color 74.6258, 0.3195, 0.2926 looks on a white background.

Color Contrast Check

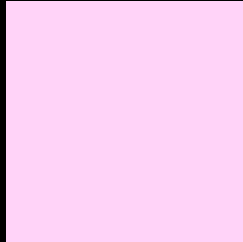
Large Text (above 18pt) WCAG AA × Fail

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 74.6258, 0.3195, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

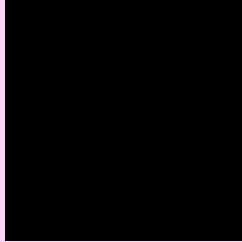
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.6258, 0.3195, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 74.6258, 0.3195, 0.2926.



This preview shows how white text looks on a background with the Yxy color 74.6258, 0.3195, 0.2926.

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

74.6258, 0.3195, 0.2926

Protanopia

75.0554, 0.2901, 0.2956

Deuteranopia

74.6911, 0.3064, 0.2993



Tritanopia

74.7453, 0.3296, 0.3120

Trichromacy



Original Color

74.6258, 0.3195, 0.2926

Protanomaly

74.8471, 0.3005, 0.2952

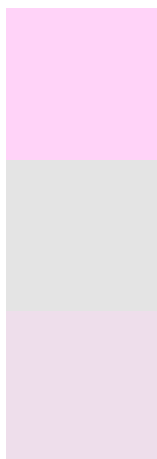
Deuteranomaly

74.3710, 0.3114, 0.2967

Tritanomaly

74.7738, 0.3263, 0.3051

Monochromacy



Original Color

74.6258, 0.3195, 0.2926

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.4179, 0.3155, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6258, 0.3195, 0.2926 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, 211, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 248)  
}
```

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, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 248) }
```

Border

The CSS property to change the border of an element to Yxy 74.6258, 0.3195, 0.2926 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, 211, 248) }
```

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

```
.border{ border-color:rgb(255, 211, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6258, 0.3195, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 248) }
```

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

```
.background{ background-color: rgb(255,  
211, 248) }
```

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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