

Converting Colors

$Y_{xy}(74.9350, 0.3196, 0.2935)$

Have a look what the booklet for
Yxy(74.9350, 0.3196, 0.2935)
contains.

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Color

Yxy(75.1243, 0.3194, 0.2936)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4F8
RGB	255, 212, 248
RGB Percent	100%, 83%, 97%
CMY	0.0001, 0.1686, 0.0273
CMYK	0.00, 0.17, 0.03, 0.00
HSL	310°, 100%, 92%
HSV	310°, 17%, 100%
XYZ	81.7258, 75.1243, 99.0228
YIQ	228.9610, 14.0720, 20.3120

Conversions

Conversions Part 2

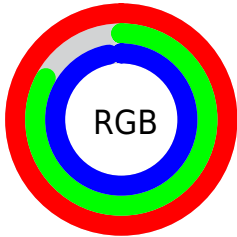
Format	Color
R_{YB}	255, 212, 248
Decimal	16766200
CIE _{Lab}	89.45, 20.92, -11.96
CIE _{LCh}	89, 24.101, 330.252
Yxy	75.1243, 0.3194, 0.2936
Android (android.graphics.Color)	4294956280 (0xFFFFD4F8)
YUV	228.9610, 9.3862, 22.8362
Hunter-Lab	86.6743, 16.6290, -7.0651

Details

The Yxy color $75.1243, 0.3194, 0.2936$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.6215, 0.3067, 0.3672$, and the grayscale version is $78.2485, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.9255, 0.3204, 0.2852$ is the 20% darker color. If you saturate the color by 10%, you get $63.1160, 0.3241, 0.2720$, and if you desaturate by 10%, it is $89.1578, 0.3152, 0.3149$.

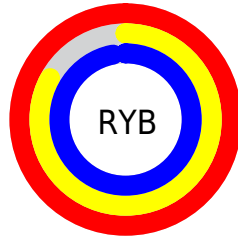
Distribution



Red (100%)

Green (83%)

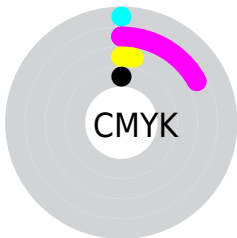
Blue (97%)



Red (100%)

Yellow (83%)

Blue (97%)

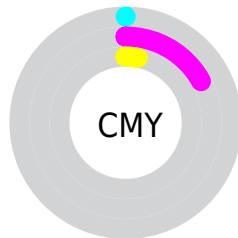


Cyan (0%)

Magenta (17%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1243, 0.3194, 0.2936 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 75.1243, 0.3194, 0.2936 by changing the saturation by 10% instead.

 75.1243, 0.3194,
0.2936

 75.1243, 0.3194,
0.2936


478.3447, 0.3165,
0.3094

 55.7147, 0.3200,
0.2901


126.4883, 0.3185,
0.2990

 39.9742, 0.3207,
0.2859


159.2115, 0.3181,
0.3011

 27.5185, 0.3216,
0.2806


197.1414, 0.3177,
0.3029

 17.9630, 0.3227,
0.2739

240.6623, 0.3174,
0.3046

 10.9234, 0.3240,
0.2650

290.1588, 0.3172,
0.3060

 6.0154, 0.3258,
0.2528

346.0150, 0.3169,

 2.8544, 0.3281,

0.3072

0.2349

408.6155, 0.3167,
0.3084

1.0562, 0.3310,
0.2063

0.0000, 0.3705,
0.0000

75.1243, 0.3194,
0.2936

75.1243, 0.3194,
0.2936

63.1160, 0.3241,
0.2720

89.1578, 0.3152,
0.3149

53.0289, 0.3294,
0.2507

99.9972, 0.3127,
0.3290

44.7644, 0.3351,
0.2306

38.2112, 0.3413,
0.2127

■ 33.2461, 0.3476,
0.1980

■ 29.7291, 0.3539,
0.1874

■ 27.4958, 0.3601,
0.1813

■ 26.3383, 0.3658,
0.1798

■ 26.0977, 0.3676,
0.1799

Harmonies

Analogous

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



75.1243, 0.2909, 0.2828



75.1243, 0.3194, 0.2936



75.1243, 0.3472, 0.3128

Triad

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



75.1243, 0.3194, 0.2936



75.1243, 0.3570, 0.3759



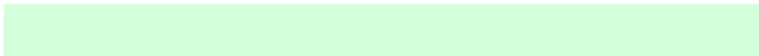
75.1243, 0.2623, 0.3177

Complementary

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



75.1243, 0.3194, 0.2936



90.6215, 0.3067, 0.3672

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.



75.1243, 0.2785, 0.3451



75.1243, 0.3194, 0.2936



75.1243, 0.3329, 0.3799

Square

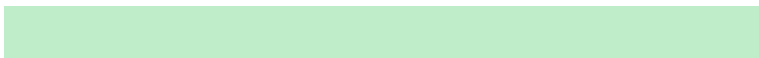
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



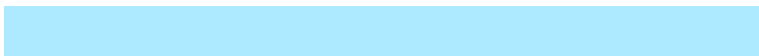
75.1243, 0.3194, 0.2936



75.1243, 0.3693, 0.3595



75.1243, 0.3042, 0.3686



75.1243, 0.2590, 0.2952

Rectangle

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



75.1243, 0.3194, 0.2936



75.1243, 0.3611, 0.3284



75.1243, 0.3042, 0.3686



75.1243, 0.2664, 0.3267

Sweetspot

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



75.1276, 0.3194, 0.2936



92.0010, 0.3145, 0.3187



69.2860, 0.2893, 0.2838



19.4605, 0.3148, 0.3173



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.



75.1276, 0.3194, 0.2936



71.1454, 0.3208, 0.2868



73.8973, 0.3342, 0.3140



18.2469, 0.3163, 0.3093



13.6573, 0.3667, 0.1794



1.3427, 0.3606, 0.1760

Inverse Universe

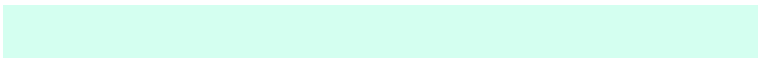
The Inverse Universe completely reimagines the original color for something new.



75.1276, 0.3194, 0.2936



71.1454, 0.3208, 0.2868



91.7968, 0.2952, 0.3446



18.2469, 0.3163, 0.3093



13.6573, 0.3667, 0.1794



1.3427, 0.3606, 0.1760

Previews

White Background



This preview shows how the Yxy color 75.1243, 0.3194, 0.2936 looks on a white background.

Color Contrast Check

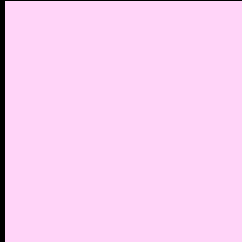
Large Text (above 18pt) WCAG AA × Fail

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 75.1243, 0.3194, 0.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

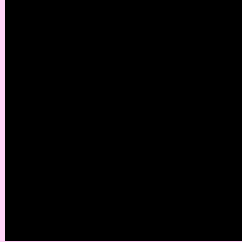
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1243, 0.3194, 0.2936

Background



This preview shows how black text looks on a background with the Yxy color 75.1243, 0.3194, 0.2936.



This preview shows how white text looks on a background with the Yxy color 75.1243, 0.3194, 0.2936.

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

75.1243, 0.3194, 0.2936

Protanopia

75.2110, 0.2907, 0.2957

Deuteranopia

75.3830, 0.3071, 0.3004



Tritanopia

75.3097, 0.3288, 0.3120

Trichromacy



Original Color

75.1243, 0.3194, 0.2936

Protanomaly

75.0149, 0.3011, 0.2953

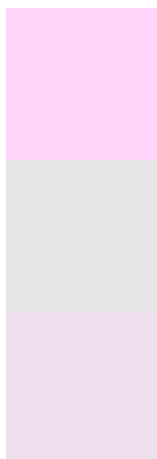
Deuteranomaly

75.0602, 0.3121, 0.2978

Tritanomaly

75.3370, 0.3255, 0.3052

Monochromacy



Original Color

75.1243, 0.3194, 0.2936

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.0086, 0.3147, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1243, 0.3194, 0.2936 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, 212, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 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, 212, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 248) }
```

Border

The CSS property to change the border of an element to Yxy 75.1243, 0.3194, 0.2936 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, 212, 248) }
```

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

```
.border{ border-color:rgb(255, 212, 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, 212, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1243, 0.3194, 0.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 248) }
```

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

```
.background{ background-color: rgb(255,  
212, 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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