

Converting Colors

$Y_{xy}(74.0107, 0.3165, 0.2994)$

Have a look what the booklet for
Yxy(74.0107, 0.3165, 0.2994)
contains.

Yxy(74.1570, 0.3162, 0.2998)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.1570, 0.3162, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	F6D6F3
RGB	246, 214, 243
RGB Percent	96%, 84%, 95%
CMY	0.0355, 0.1607, 0.0471
CMYK	0.00, 0.13, 0.01, 0.04
HSL	306°, 64%, 90%
HSV	306°, 13%, 96%
XYZ	78.2136, 74.1570, 94.9843
YIQ	226.8740, 9.7630, 15.8030

Conversions

Conversions Part 2

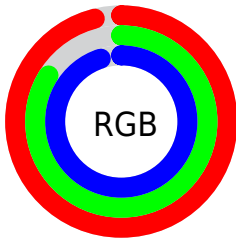
Format	Color
R _{YB}	246, 214, 243
Decimal	16176883
CIE _{Lab}	89.00, 15.97, -10.07
CIE _{LCh}	89, 18.883, 327.768
Yxy	74.1570, 0.3162, 0.2998
Android (android.graphics.Color)	4294366963 (0xFFFF6D6F3)
YUV	226.8740, 7.9501, 16.7735
Hunter-Lab	86.1145, 11.4227, -5.1168

Details

The Yxy color $74.1570, 0.3162, 0.2998$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.1825, 0.3094, 0.3600$, and the grayscale version is $76.6532, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.3313, 0.3172, 0.2929$ is the 20% darker color. If you saturate the color by 10%, you get $62.4992, 0.3192, 0.2767$, and if you desaturate by 10%, it is $87.7024, 0.3135, 0.3224$.

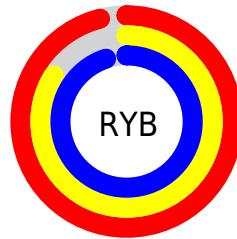
Distribution



Red (96%)

Green (84%)

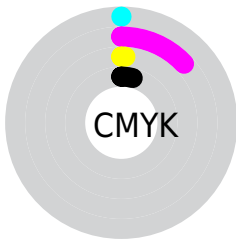
Blue (95%)



Red (96%)

Yellow (84%)

Blue (95%)

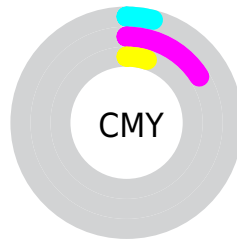


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (4%)



Cyan (4%)


Magenta (16%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1570, 0.3162, 0.2998 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 74.1570, 0.3162, 0.2998 by changing the saturation by 10% instead.

 74.1570, 0.3162,
0.2998

 74.1570, 0.3162,
0.2998


475.0151, 0.3147,
0.3130

 54.9225, 0.3165,
0.2969


125.1183, 0.3157,
0.3043

 39.3397, 0.3169,
0.2933

157.6140, 0.3155,
0.3061

 27.0241, 0.3173,
0.2888


195.2989, 0.3154,
0.3076

 17.5913, 0.3178,
0.2831

238.5574, 0.3152,
0.3089

 10.6570, 0.3184,
0.2755

287.7738, 0.3151,
0.3101

 5.8367, 0.3192,
0.2649

343.3327, 0.3149,

 2.7460, 0.3201,

0.3112

0.2490

405.6183, 0.3148,
0.3121

1.0006, 0.3210,
0.2230

0.0000, 0.3278,
0.0000

74.1570, 0.3162,
0.2998

74.1570, 0.3162,
0.2998

62.4992, 0.3192,
0.2767

87.7024, 0.3135,
0.3224

52.6352, 0.3226,
0.2537

97.8498, 0.3114,
0.3363

44.4782, 0.3261,
0.2318

97.9909, 0.3101,
0.3340

37.9297, 0.3298,
0.2119

98.1337, 0.3088,
0.3318

■ 32.8818, 0.3336,
0.1950

■ 98.2782, 0.3075,
0.3296

■ 29.2129, 0.3373,
0.1819

■ 98.3217, 0.3071,
0.3290

■ 26.7827, 0.3407,
0.1732

■ 25.4211, 0.3439,
0.1689

■ 24.9251, 0.3460,
0.1680

Harmonies

Analogous

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



74.1570, 0.2939, 0.2919



74.1570, 0.3162, 0.2998



74.1570, 0.3382, 0.3148

Triad

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



74.1570, 0.3162, 0.2998



74.1570, 0.3489, 0.3653



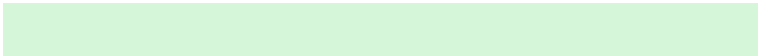
74.1570, 0.2735, 0.3221

Complementary

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



74.1570, 0.3162, 0.2998



85.1825, 0.3094, 0.3600

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.



74.1570, 0.2872, 0.3434



74.1570, 0.3162, 0.2998



74.1570, 0.3306, 0.3689

Square

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



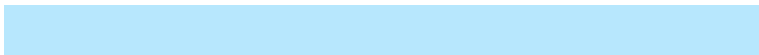
74.1570, 0.3162, 0.2998



74.1570, 0.3574, 0.3520



74.1570, 0.3080, 0.3610



74.1570, 0.2699, 0.3038

Rectangle

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



74.1570, 0.3162, 0.2998



74.1570, 0.3495, 0.3272



74.1570, 0.3080, 0.3610



74.1570, 0.2771, 0.3292

Sweetspot

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



74.1602, 0.3162, 0.2998



93.6035, 0.3137, 0.3201



69.4614, 0.2938, 0.2949



19.7857, 0.3139, 0.3185



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.



74.1602, 0.3162, 0.2998



76.4348, 0.3171, 0.2928



73.2531, 0.3270, 0.3154



16.7404, 0.3152, 0.3078



13.3228, 0.3455, 0.1677



1.1785, 0.3421, 0.1658

Inverse Universe

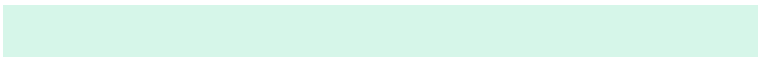
The Inverse Universe completely reimagines the original color for something new.



74.1602, 0.3162, 0.2998



76.4348, 0.3171, 0.2928



86.0372, 0.3003, 0.3430



16.7404, 0.3152, 0.3078



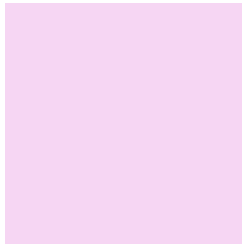
13.3228, 0.3455, 0.1677



1.1785, 0.3421, 0.1658

Previews

White Background



This preview shows how the Yxy color 74.1570, 0.3162, 0.2998 looks on a white background.

Color Contrast Check

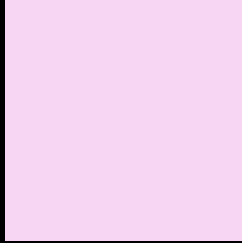
Large Text (above 18pt) WCAG AA × Fail

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 74.1570, 0.3162, 0.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

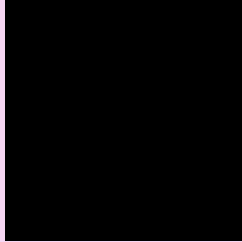
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1570, 0.3162, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 74.1570, 0.3162, 0.2998.

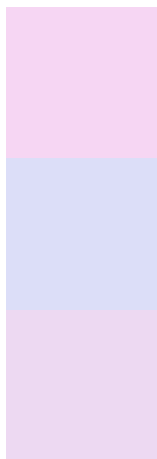


This preview shows how white text looks on a background with the Yxy color 74.1570, 0.3162, 0.2998.

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

74.1570, 0.3162, 0.2998

Protanopia

74.2355, 0.2949, 0.3016

Deuteranopia

74.0410, 0.3104, 0.3033



Tritanopia

74.2280, 0.3215, 0.3116

Trichromacy



Original Color

74.1570, 0.3162, 0.2998

Protanomaly

73.9749, 0.3022, 0.3009

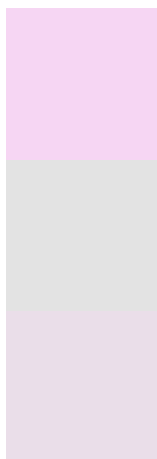
Deuteranomaly

74.0478, 0.3125, 0.3024

Tritanomaly

74.1278, 0.3195, 0.3067

Monochromacy



Original Color

74.1570, 0.3162, 0.2998

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.6182, 0.3140, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1570, 0.3162, 0.2998 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(246, 214, 243)` looks like.

```
.text, #text, p{  
    color:rgb(246, 214, 243)  
}
```

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(246, 214, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 214, 243) }
```

Border

The CSS property to change the border of an element to Yxy 74.1570, 0.3162, 0.2998 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(246, 214, 243) }
```

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

```
.border{ border-color:rgb(246, 214, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 214, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 214, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 214, 243);  
box-shadow:4px 4px 4px 4px rgb(246, 214,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1570, 0.3162, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 214, 243) }
```

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

```
.background{ background-color: rgb(246,  
214, 243) }
```

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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