

Converting Colors

$Yxy(74.3061, 0.3194, 0.3071)$

Have a look what the booklet for
Yxy(74.3061, 0.3194, 0.3071)
contains.

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Color

Yxy(74.1278, 0.3195, 0.3067)

Conversions

Conversions Part 1

Format	Color
Hex	F5D7ED
RGB	245, 215, 237
RGB Percent	96%, 84%, 93%
CMY	0.0395, 0.1567, 0.0707
CMYK	0.00, 0.12, 0.03, 0.04
HSL	316°, 60%, 90%
HSV	316°, 12%, 96%
XYZ	77.2215, 74.1278, 90.3455
YIQ	226.4780, 10.8180, 13.2020

Conversions

Conversions Part 2

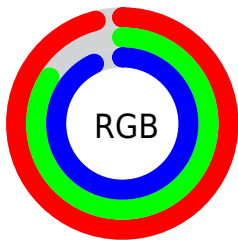
Format	Color
R _Y B	245, 215, 237
Decimal	16111597
CIE Lab	88.98, 14.04, -6.93
CIE LCh	89, 15.661, 333.728
Yxy	74.1278, 0.3195, 0.3067
Android (android.graphics.Color)	4294301677 (0xFF5D7ED)
YUV	226.4780, 5.1873, 16.2438
Hunter-Lab	86.0975, 9.4274, -1.9471

Details

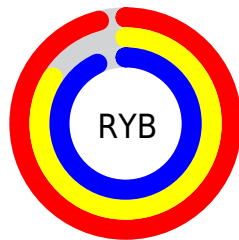
The Yxy color $74.1278, 0.3195, 0.3067$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85.0396, 0.3066, 0.3524$, and the grayscale version is $76.3695, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.2966, 0.3216, 0.3016$ is the 20% darker color. If you saturate the color by 10%, you get $62.2011, 0.3261, 0.2877$, and if you desaturate by 10%, it is $87.9421, 0.3138, 0.3251$.

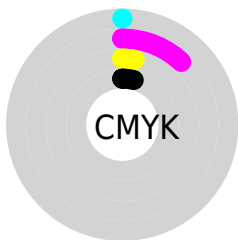
Distribution



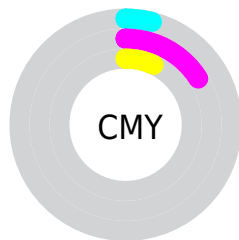
- Red (96%)
- Green (84%)
- Blue (93%)



- Red (96%)
- Yellow (84%)
- Blue (93%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1278, 0.3195, 0.3067 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 74.1278, 0.3195, 0.3067 by changing the saturation by 10% instead.


 74.1278, 0.3195,
0.3067

 74.1278, 0.3195,
0.3067

474.9143, 0.3165,
0.3168

 54.8986, 0.3202,
0.3044


125.0770, 0.3185,
0.3102

 39.3206, 0.3210,
0.3017


157.5657, 0.3181,
0.3115

 27.0092, 0.3220,
0.2982


195.2432, 0.3177,
0.3127

 17.5801, 0.3233,
0.2937

238.4937, 0.3174,
0.3137

 10.6490, 0.3251,
0.2878

287.7017, 0.3171,
0.3146

 5.8313, 0.3275,
0.2793

343.2515, 0.3169,

 2.7428, 0.3310,

0.3154

0.2666

405.5276, 0.3167,
0.3162

0.9990, 0.3368,
0.2453

0.0000, 0.3944,
0.0000

74.1278, 0.3195,
0.3067

74.1278, 0.3195,
0.3067

62.2011, 0.3261,
0.2877

87.9421, 0.3138,
0.3251

52.0695, 0.3338,
0.2685

97.8216, 0.3094,
0.3338

43.6471, 0.3424,
0.2498

98.1394, 0.3065,
0.3290

36.8374, 0.3521,
0.2326

■ 31.5338, 0.3625,
0.2179

■ 27.6172, 0.3734,
0.2067

■ 24.9504, 0.3845,
0.2000

■ 23.3676, 0.3954,
0.1982

■ 22.6884, 0.4036,
0.1997

Harmonies

Analogous

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



74.1278, 0.3006, 0.2987



74.1278, 0.3195, 0.3067



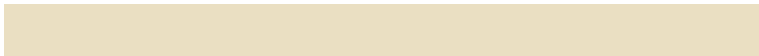
74.1278, 0.3370, 0.3202

Triad

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



74.1278, 0.3195, 0.3067



74.1278, 0.3403, 0.3604



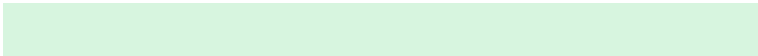
74.1278, 0.2787, 0.3201

Complementary

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



74.1278, 0.3195, 0.3067



85.0396, 0.3066, 0.3524

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.



74.1278, 0.2887, 0.3375



74.1278, 0.3195, 0.3067



74.1278, 0.3241, 0.3614

Square

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



74.1278, 0.3195, 0.3067



74.1278, 0.3491, 0.3510



74.1278, 0.3052, 0.3530



74.1278, 0.2775, 0.3058

Rectangle

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



74.1278, 0.3195, 0.3067



74.1278, 0.3453, 0.3308



74.1278, 0.3052, 0.3530



74.1278, 0.2811, 0.3258

Sweetspot

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



74.1310, 0.3195, 0.3067



93.4905, 0.3148, 0.3218



70.8161, 0.2984, 0.2974



19.7570, 0.3152, 0.3205



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.



74.1310, 0.3195, 0.3067



77.3395, 0.3213, 0.3014



73.3187, 0.3296, 0.3213



16.6887, 0.3179, 0.3118



12.2550, 0.4020, 0.1988



1.0940, 0.3895, 0.1919

Inverse Universe

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



74.1310, 0.3195, 0.3067



77.3395, 0.3213, 0.3014



85.8541, 0.2982, 0.3368



16.6887, 0.3179, 0.3118



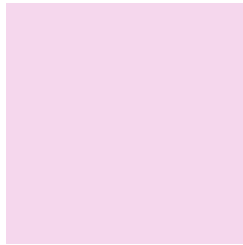
12.2550, 0.4020, 0.1988



1.0940, 0.3895, 0.1919

Previews

White Background



This preview shows how the Yxy color 74.1278, 0.3195, 0.3067 looks on a white background.

Color Contrast Check

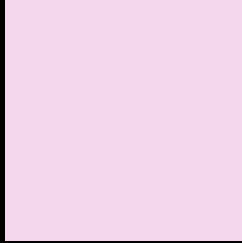
Large Text (above 18pt) WCAG AA × Fail

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 74.1278, 0.3195, 0.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

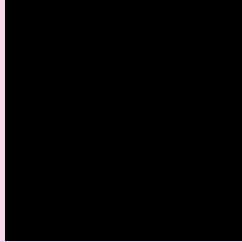
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1278, 0.3195, 0.3067

Background



This preview shows how black text looks on a background with the Yxy color 74.1278, 0.3195, 0.3067.



This preview shows how white text looks on a background with the Yxy color 74.1278, 0.3195, 0.3067.

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

74.1278, 0.3195, 0.3067

Protanopia

74.1230, 0.3005, 0.3089

Deuteranopia

74.0909, 0.3151, 0.3084



Tritanopia

74.2280, 0.3215, 0.3116

Trichromacy



Original Color

74.1278, 0.3195, 0.3067

Protanomaly

73.7773, 0.3067, 0.3071

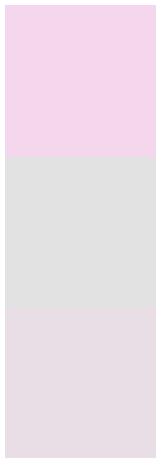
Deuteranomaly

73.9269, 0.3166, 0.3075

Tritanomaly

74.2853, 0.3208, 0.3106

Monochromacy



Original Color

74.1278, 0.3195, 0.3067

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.2794, 0.3152, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1278, 0.3195, 0.3067 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(245, 215, 237)` looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 237)  
}
```

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(245, 215, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 237) }
```

Border

The CSS property to change the border of an element to Yxy 74.1278, 0.3195, 0.3067 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(245, 215, 237) }
```

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

```
.border{ border-color:rgb(245, 215, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 215, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1278, 0.3195, 0.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 237) }
```

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

```
.background{ background-color: rgb(245,  
215, 237) }
```

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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