

Converting Colors

$Y_{xy}(73.9190, 0.3156, 0.2993)$

Have a look what the booklet for
Yxy(73.9190, 0.3156, 0.2993)
contains.

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Color

Yxy(73.9767, 0.3155, 0.2997)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F5D6F3 |
| RGB | 245, 214, 243 |
| RGB Percent | 96%, 84%, 95% |
| CMY | 0.0393, 0.1607, 0.0470 |
| CMYK | 0.00, 0.13, 0.01, 0.04 |
| HSL | 304°, 61%, 90% |
| HSV | 304°, 13%, 96% |
| XYZ | 77.8767, 73.9767, 94.9824 |
| YIQ | 226.5750, 9.1670, 15.5910 |

Conversions

Conversions Part 2

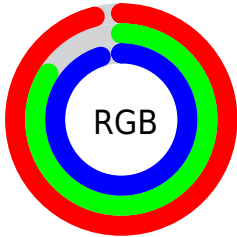
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 245, 214, 243 |
| Decimal | 16111347 |
| CIE Lab | 88.91, 15.67, -10.22 |
| CIE LCh | 89, 18.704, 326.890 |
| Yxy | 73.9767, 0.3155, 0.2997 |
| Android (android.graphics.Color) | 4294301427 (0xFFFF5D6F3) |
| YUV | 226.5750, 8.0975, 16.1587 |
| Hunter-Lab | 86.0097, 11.1042, -5.2685 |

Details

The Yxy color $73.9767, 0.3155, 0.2997$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $84.5463, 0.3100, 0.3602$, and the grayscale version is $76.4276, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.2029, 0.3163, 0.2928$ is the 20% darker color. If you saturate the color by 10%, you get $62.4042, 0.3179, 0.2759$, and if you desaturate by 10%, it is $87.4212, 0.3133, 0.3230$.

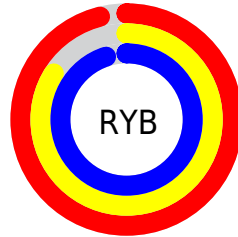
Distribution



Red (96%)

Green (84%)

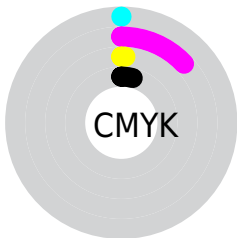
Blue (95%)



Red (96%)

Yellow (84%)

Blue (95%)

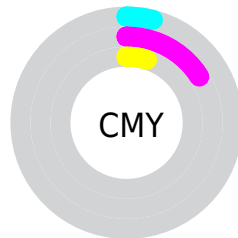


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (4%)



Cyan (4%)


Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9767, 0.3155, 0.2997 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 73.9767, 0.3155, 0.2997 by changing the saturation by 10% instead.


 73.9767, 0.3155,
0.2997

 73.9767, 0.3155,
0.2997


474.3929, 0.3144,
0.3129

 54.7750, 0.3157,
0.2968


124.8628, 0.3151,
0.3042

 39.2216, 0.3160,
0.2932


157.3159, 0.3150,
0.3060

 26.9321, 0.3163,
0.2887


194.9550, 0.3148,
0.3075

 17.5223, 0.3167,
0.2829

238.1644, 0.3147,
0.3089

 10.6076, 0.3171,
0.2753

287.3284, 0.3146,
0.3101

 5.8036, 0.3176,
0.2646

342.8316, 0.3145,

 2.7260, 0.3181,

0.3111

0.2486

405.0583, 0.3144,
0.3121

0.9904, 0.3181,
0.2224

0.0000, 0.3148,
0.0000

73.9767, 0.3155,
0.2997

73.9767, 0.3155,
0.2997

62.4042, 0.3179,
0.2759

87.4212, 0.3133,
0.3230

52.6111, 0.3206,
0.2524

97.5899, 0.3116,
0.3376

44.5113, 0.3233,
0.2300

97.6855, 0.3107,
0.3361

38.0078, 0.3262,
0.2096

97.7820, 0.3098,
0.3346

■ 32.9941, 0.3290,
0.1922

■ 97.8793, 0.3090,
0.3331

■ 29.3501, 0.3316,
0.1787

■ 97.9774, 0.3081,
0.3316

■ 26.9379, 0.3341,
0.1695

■ 98.0762, 0.3072,
0.3301

■ 25.5901, 0.3363,
0.1647

■ 98.1487, 0.3066,
0.3290

■ 25.0924, 0.3378,
0.1634

Harmonies

Analogous

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



73.9767, 0.2935, 0.2921



73.9767, 0.3155, 0.2997



73.9767, 0.3374, 0.3144

Triad

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



73.9767, 0.3155, 0.2997



73.9767, 0.3490, 0.3647



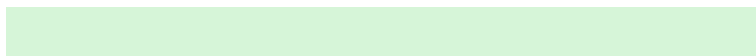
73.9767, 0.2741, 0.3228

Complementary

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



73.9767, 0.3155, 0.2997



84.5463, 0.3100, 0.3602

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.



73.9767, 0.2880, 0.3439



73.9767, 0.3155, 0.2997



73.9767, 0.3311, 0.3686

Square

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



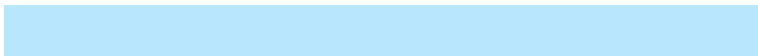
73.9767, 0.3155, 0.2997



73.9767, 0.3571, 0.3514



73.9767, 0.3087, 0.3611



73.9767, 0.2702, 0.3045

Rectangle

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



73.9767, 0.3155, 0.2997



73.9767, 0.3488, 0.3266



73.9767, 0.3087, 0.3611



73.9767, 0.2777, 0.3298

Sweetspot

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



73.9799, 0.3155, 0.2997



93.6224, 0.3136, 0.3199



69.2223, 0.2936, 0.2958



19.7905, 0.3137, 0.3181



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.



73.9799, 0.3155, 0.2997



77.8220, 0.3161, 0.2940



73.1062, 0.3259, 0.3147



16.7491, 0.3148, 0.3071



13.5283, 0.3375, 0.1633



1.1944, 0.3352, 0.1620

Inverse Universe

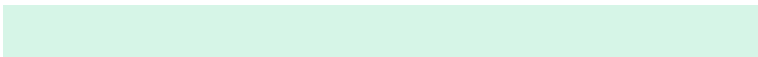
The Inverse Universe completely reimagines the original color for something new.



73.9799, 0.3155, 0.2997



77.8220, 0.3161, 0.2940



85.3619, 0.3012, 0.3437



16.7491, 0.3148, 0.3071



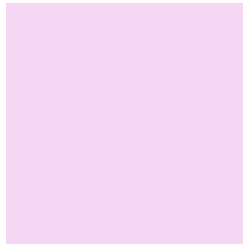
13.5283, 0.3375, 0.1633



1.1944, 0.3352, 0.1620

Previews

White Background



This preview shows how the Yxy color 73.9767, 0.3155, 0.2997 looks on a white background.

Color Contrast Check

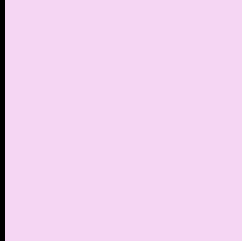
Large Text (above 18pt) WCAG AA × Fail

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 73.9767, 0.3155, 0.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

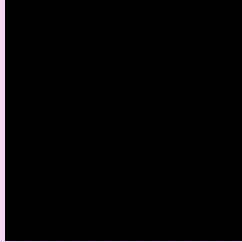
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9767, 0.3155, 0.2997

Background



This preview shows how black text looks on a background with the Yxy color 73.9767, 0.3155, 0.2997.



This preview shows how white text looks on a background with the Yxy color 73.9767, 0.3155, 0.2997.

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

73.9767, 0.3155, 0.2997

Protanopia

74.2355, 0.2949, 0.3016

Deuteranopia

73.8694, 0.3097, 0.3033



Tritanopia

74.0496, 0.3208, 0.3116

Trichromacy



Original Color

73.9767, 0.3155, 0.2997

Protanomaly

73.9749, 0.3022, 0.3009

Deuteranomaly

73.8733, 0.3118, 0.3024

Tritanomaly

73.9484, 0.3188, 0.3066

Monochromacy



Original Color

73.9767, 0.3155, 0.2997

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 73.9767, 0.3155, 0.2997 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, 214, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 214, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 243) }
```

Border

The CSS property to change the border of an element to Yxy 73.9767, 0.3155, 0.2997 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, 214, 243) }
```

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

```
.border{ border-color:rgb(245, 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(245, 214, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9767, 0.3155, 0.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 243) }
```

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

```
.background{ background-color: rgb(245,  
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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