

Converting Colors

$Y_{xy}(75.4506, 0.3117, 0.3017)$

Have a look what the booklet for
Yxy(75.4506, 0.3117, 0.3017)
contains.

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Color

Yxy(75.6126, 0.3119, 0.3017)

Conversions

Conversions Part 1

Format	Color
Hex	F2DAF5
RGB	242, 218, 245
RGB Percent	95%, 85%, 96%
CMY	0.0510, 0.1451, 0.0393
CMYK	0.01, 0.11, 0.00, 0.04
HSL	293°, 57%, 91%
HSV	293°, 11%, 96%
XYZ	78.1689, 75.6126, 96.8403
YIQ	228.2540, 5.6370, 13.4850

Conversions

Conversions Part 2

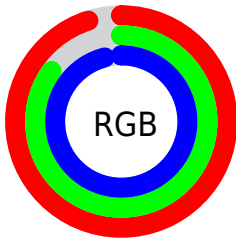
Format	Color
R _Y B	242, 218, 245
Decimal	15915765
CIE Lab	89.68, 12.94, -10.13
CIE LCh	90, 16.436, 321.946
Yxy	75.6126, 0.3119, 0.3017
Android (android.graphics.Color)	4294105845 (0xFFFF2DAF5)
YUV	228.2540, 8.2558, 12.0552
Hunter-Lab	86.9555, 8.2910, -5.1610

Details

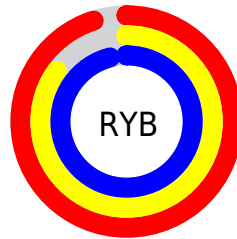
The Yxy color $75.6126, 0.3119, 0.3017$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.7206, 0.3133, 0.3575$, and the grayscale version is $77.7157, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.3076, 0.3115, 0.2952$ is the 20% darker color. If you saturate the color by 10%, you get $63.3613, 0.3109, 0.2760$, and if you desaturate by 10%, it is $89.7552, 0.3127, 0.3266$.

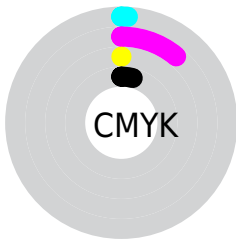
Distribution



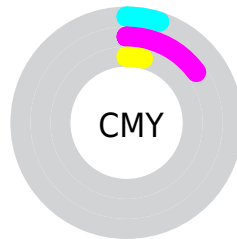
- Red (95%)
- Green (85%)
- Blue (96%)



- Red (95%)
- Yellow (85%)
- Blue (96%)



- Cyan (1%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)




- Cyan (5%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.6126, 0.3119, 0.3017 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 75.6126, 0.3119, 0.3017 by changing the saturation by 10% instead.


 75.6126, 0.3119,
0.3017

 75.6126, 0.3119,
0.3017

480.0205, 0.3124,
0.3140

 56.1149, 0.3118,
0.2990


127.1791, 0.3121,
0.3059

 40.2951, 0.3116,
0.2956

160.0168, 0.3122,
0.3076

 27.7687, 0.3113,
0.2915


198.0699, 0.3122,
0.3090

 18.1514, 0.3110,
0.2861

241.7228, 0.3123,
0.3102

 11.0587, 0.3105,
0.2790

291.3599, 0.3123,
0.3113

 6.1063, 0.3096,
0.2691

347.3656, 0.3123,

 2.9098, 0.3081,

0.3123

0.2544

410.1244, 0.3124,
0.3132

■ 1.0848, 0.3048,
0.2302

■ 0.0000, 0.2965,
0.0000

■ 75.6126, 0.3119,
0.3017

■ 75.6126, 0.3119,
0.3017

■ 63.3613, 0.3109,
0.2760

■ 89.7552, 0.3127,
0.3266

■ 52.9094, 0.3095,
0.2502

■ 97.9581, 0.3138,
0.3387

■ 44.1720, 0.3078,
0.2250

■ 98.4530, 0.3154,
0.3387

■ 37.0536, 0.3058,
0.2016

■ 98.9550, 0.3171,
0.3386

■ 31.4490, 0.3035,
0.1809

■ 99.3711, 0.3185,
0.3386

■ 27.2411, 0.3010,
0.1638

■ 24.2949, 0.2982,
0.1511

■ 22.4493, 0.2954,
0.1429

■ 21.4979, 0.2928,
0.1387

Harmonies

Analogous

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



75.6126, 0.2932, 0.2963



75.6126, 0.3119, 0.3017



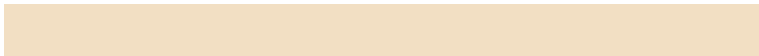
75.6126, 0.3314, 0.3138

Triad

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



75.6126, 0.3119, 0.3017



75.6126, 0.3462, 0.3588



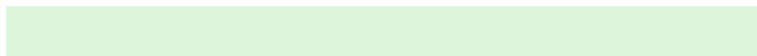
75.6126, 0.2804, 0.3267

Complementary

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



75.6126, 0.3119, 0.3017



85.7206, 0.3133, 0.3575

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.



75.6126, 0.2938, 0.3448



75.6126, 0.3119, 0.3017



75.6126, 0.3318, 0.3636

Square

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



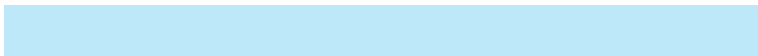
75.6126, 0.3119, 0.3017



75.6126, 0.3515, 0.3462



75.6126, 0.3126, 0.3586



75.6126, 0.2754, 0.3100

Rectangle

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



75.6126, 0.3119, 0.3017



75.6126, 0.3420, 0.3243



75.6126, 0.3126, 0.3586



75.6126, 0.2840, 0.3329

Sweetspot

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



75.6159, 0.3119, 0.3017



95.0564, 0.3125, 0.3217



73.2914, 0.2954, 0.3037



20.0702, 0.3125, 0.3197



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.



75.6159, 0.3119, 0.3017



79.9574, 0.3117, 0.2966



75.5316, 0.3209, 0.3121



16.6702, 0.3120, 0.3056



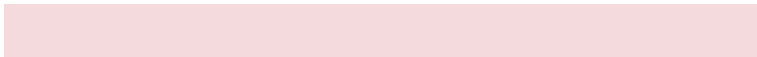
11.6217, 0.2933, 0.1389



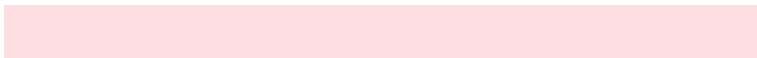
1.0474, 0.2970, 0.1410

Inverse Universe

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



74.7736, 0.3303, 0.3260



78.8864, 0.3341, 0.3254



85.8171, 0.3053, 0.3465



16.5122, 0.3276, 0.3264



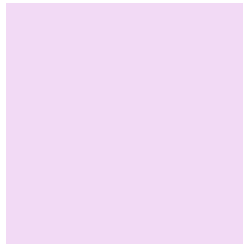
10.5102, 0.6270, 0.3227



0.9333, 0.6018, 0.3089

Previews

White Background



This preview shows how the Yxy color 75.6126, 0.3119, 0.3017 looks on a white background.

Color Contrast Check

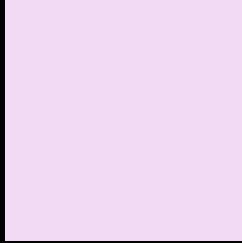
Large Text (above 18pt) WCAG AA × Fail

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 75.6126, 0.3119, 0.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

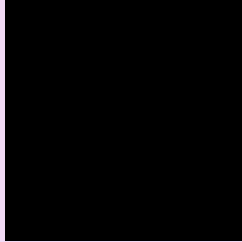
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

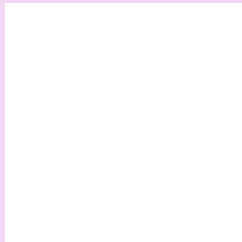
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.6126, 0.3119, 0.3017

Background



This preview shows how black text looks on a background with the Yxy color 75.6126, 0.3119, 0.3017.

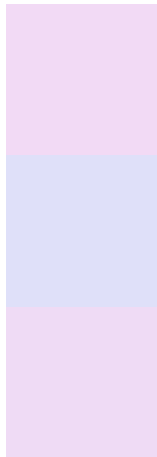


This preview shows how white text looks on a background with the Yxy color 75.6126, 0.3119, 0.3017.

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

75.6126, 0.3119, 0.3017

Protanopia

75.8388, 0.2963, 0.3029

Deuteranopia

75.6063, 0.3097, 0.3025



Tritanopia

75.4782, 0.3164, 0.3106

Trichromacy



Original Color

75.6126, 0.3119, 0.3017

Protanomaly

75.8429, 0.3016, 0.3022

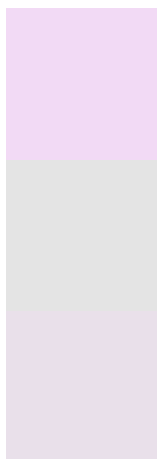
Deuteranomaly

75.7809, 0.3104, 0.3026

Tritanomaly

75.6551, 0.3144, 0.3076

Monochromacy



Original Color

75.6126, 0.3119, 0.3017

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.5755, 0.3125, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6126, 0.3119, 0.3017 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(242, 218, 245)` looks like.

```
.text, #text, p{  
    color:rgb(242, 218, 245)  
}
```

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(242, 218, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 218, 245) }
```

Border

The CSS property to change the border of an element to Yxy 75.6126, 0.3119, 0.3017 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(242, 218, 245) }
```

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

```
.border{ border-color:rgb(242, 218, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 218, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 218, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 218, 245); box-shadow:4px 4px 4px 4px rgb(242, 218, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6126, 0.3119, 0.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 218, 245) }
```

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

```
.background{ background-color: rgb(242,  
218, 245) }
```

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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