

Converting Colors

$Y_{xy}(75.4055, 0.3107, 0.3009)$

Have a look what the booklet for
Yxy(75.4055, 0.3107, 0.3009)
contains.

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Color

Yxy(75.4974, 0.3105, 0.3006)

Conversions

Conversions Part 1

Format	Color
Hex	F1DAF6
RGB	241, 218, 246
RGB Percent	95%, 85%, 96%
CMY	0.0549, 0.1451, 0.0352
CMYK	0.02, 0.11, 0.00, 0.04
HSL	289°, 61%, 91%
HSV	289°, 11%, 96%
XYZ	77.9838, 75.4974, 97.6744
YIQ	228.0690, 4.7200, 13.5840

Conversions

Conversions Part 2

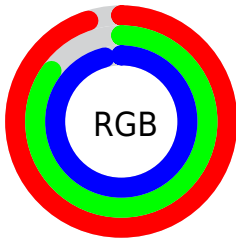
Format	Color
R _Y B	241, 218, 246
Decimal	15850230
CIE Lab	89.63, 12.80, -10.77
CIE LCh	90, 16.734, 319.919
Yxy	75.4974, 0.3105, 0.3006
Android (android.graphics.Color)	4294040310 (0xFFFF1DAF6)
YUV	228.0690, 8.8400, 11.3405
Hunter-Lab	86.8892, 8.1491, -5.8270

Details

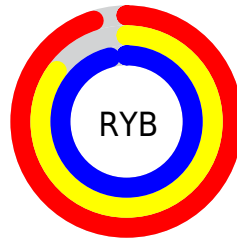
The Yxy color $75.4974, 0.3105, 0.3006$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86.6862, 0.3146, 0.3585$, and the grayscale version is $77.5704, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.2264, 0.3098, 0.2939$ is the 20% darker color. If you saturate the color by 10%, you get $62.9049, 0.3081, 0.2745$, and if you desaturate by 10%, it is $90.0091, 0.3125, 0.3256$.

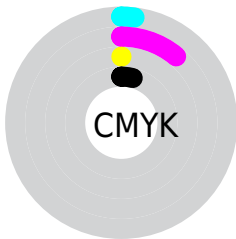
Distribution



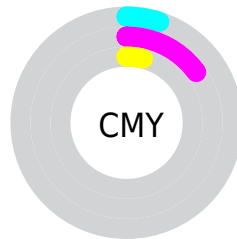
- Red (95%)
- Green (85%)
- Blue (96%)



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



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4974, 0.3105, 0.3006 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 75.4974, 0.3105, 0.3006 by changing the saturation by 10% instead.


 75.4974, 0.3105,
0.3006

 75.4974, 0.3105,
0.3006


479.6255, 0.3116,
0.3134

 56.0205, 0.3102,
0.2978


127.0162, 0.3109,
0.3050

 40.2193, 0.3099,
0.2943


159.8269, 0.3111,
0.3067

 27.7096, 0.3094,
0.2900


197.8509, 0.3112,
0.3082

 18.1069, 0.3087,
0.2844

241.4727, 0.3113,
0.3095

 11.0267, 0.3078,
0.2770

291.0767, 0.3114,
0.3106

 6.0848, 0.3064,
0.2668

347.0472, 0.3115,

 2.8967, 0.3039,

0.3116

0.2515

409.7687, 0.3116,
0.3126

■ 1.0781, 0.2991,
0.2264

■ 0.0000, 0.2784,
0.0000

■ 75.4974, 0.3105,
0.3006

■ 75.4974, 0.3105,
0.3006

■ 62.9049, 0.3081,
0.2745

■ 90.0091, 0.3125,
0.3256

■ 52.1388, 0.3051,
0.2481

■ 98.4691, 0.3147,
0.3377

■ 43.1126, 0.3016,
0.2221

■ 99.2944, 0.3174,
0.3376

■ 35.7295, 0.2977,
0.1976

■ 99.4357, 0.3179,
0.3376

■ 29.8828, 0.2934,
0.1756

■ 25.4532, 0.2887,
0.1573

■ 22.3036, 0.2839,
0.1433

■ 20.2696, 0.2791,
0.1339

■ 19.1899, 0.2750,
0.1289

Harmonies

Analogous

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



75.4974, 0.2917, 0.2956



75.4974, 0.3105, 0.3006



75.4974, 0.3305, 0.3125

Triad

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



75.4974, 0.3105, 0.3006



75.4974, 0.3475, 0.3587



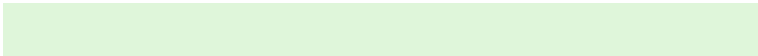
75.4974, 0.2805, 0.3279

Complementary

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



75.4974, 0.3105, 0.3006



86.6862, 0.3146, 0.3585

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.



75.4974, 0.2946, 0.3462



75.4974, 0.3105, 0.3006



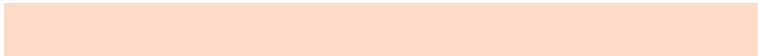
75.4974, 0.3333, 0.3642

Square

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



75.4974, 0.3105, 0.3006



75.4974, 0.3522, 0.3455



75.4974, 0.3139, 0.3598



75.4974, 0.2747, 0.3106

Rectangle

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



75.4974, 0.3105, 0.3006



75.4974, 0.3416, 0.3231



75.4974, 0.3139, 0.3598



75.4974, 0.2844, 0.3342

Sweetspot

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



75.5006, 0.3105, 0.3006



94.9561, 0.3122, 0.3217



74.4130, 0.2948, 0.3048



20.0430, 0.3120, 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.



75.5006, 0.3105, 0.3006



78.1038, 0.3099, 0.2938



75.8667, 0.3200, 0.3096



16.6090, 0.3109, 0.3055



10.2961, 0.2758, 0.1293



0.9433, 0.2818, 0.1326

Inverse Universe

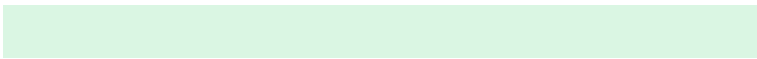
The Inverse Universe completely reimagines the original color for something new.



75.0729, 0.3297, 0.3239



77.5549, 0.3342, 0.3226



86.3755, 0.3061, 0.3492



16.5311, 0.3265, 0.3248



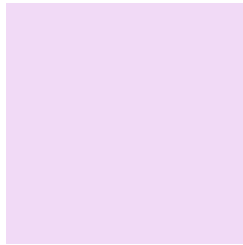
10.5702, 0.6128, 0.3149



0.9422, 0.5806, 0.2972

Previews

White Background



This preview shows how the Yxy color 75.4974, 0.3105, 0.3006 looks on a white background.

Color Contrast Check

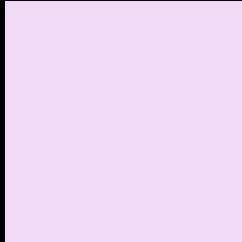
Large Text (above 18pt) WCAG AA × Fail

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 75.4974, 0.3105, 0.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

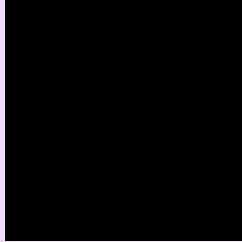
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

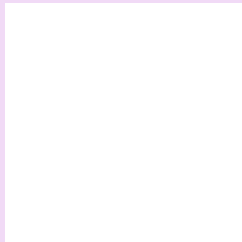
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4974, 0.3105, 0.3006

Background



This preview shows how black text looks on a background with the Yxy color 75.4974, 0.3105, 0.3006.

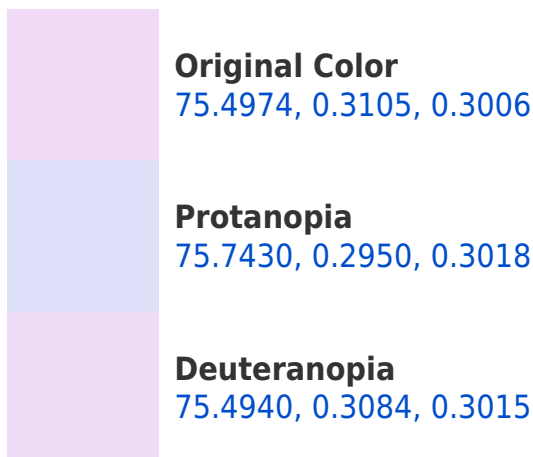


This preview shows how white text looks on a background with the Yxy color 75.4974, 0.3105, 0.3006.

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





Tritanopia

75.8261, 0.3157, 0.3116

Trichromacy



Original Color

75.4974, 0.3105, 0.3006

Protanomaly

75.7401, 0.3003, 0.3011

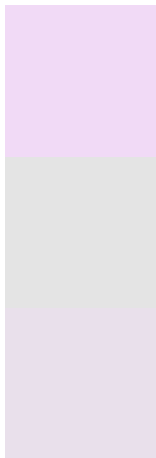
Deuteranomaly

75.6676, 0.3091, 0.3015

Tritanomaly

75.4796, 0.3137, 0.3075

Monochromacy



Original Color

75.4974, 0.3105, 0.3006

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.6331, 0.3119, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4974, 0.3105, 0.3006 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(241, 218, 246)` looks like.

```
.text, #text, p{  
    color:rgb(241, 218, 246)  
}
```

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(241, 218, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 218, 246) }
```

Border

The CSS property to change the border of an element to Yxy 75.4974, 0.3105, 0.3006 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(241, 218, 246) }
```

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

```
.border{ border-color:rgb(241, 218, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 218, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 218, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 218, 246); box-shadow:4px 4px 4px 4px rgb(241, 218, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4974, 0.3105, 0.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 218, 246) }
```

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

```
.background{ background-color: rgb(241,  
218, 246) }
```

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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