

Converting Colors

$Y_{xy}(75.5808, 0.3168, 0.3014)$

Have a look what the booklet for
Yxy(75.5808, 0.3168, 0.3014)
contains.

Yxy(75.5998, 0.3169, 0.3010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.5998, 0.3169, 0.3010)

Conversions

Conversions Part 1

Format	Color
Hex	F8D8F4
RGB	248, 216, 244
RGB Percent	97%, 85%, 96%
CMY	0.0275, 0.1529, 0.0432
CMYK	0.00, 0.13, 0.02, 0.03
HSL	308°, 70%, 91%
HSV	308°, 13%, 97%
XYZ	79.5933, 75.5998, 95.9690
YIQ	228.7600, 10.0840, 15.4920

Conversions

Conversions Part 2

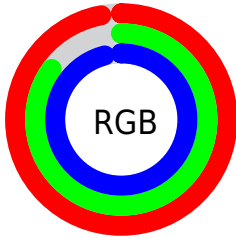
Format	Color
R _Y B	248, 216, 244
Decimal	16308468
CIE Lab	89.67, 15.80, -9.56
CIE LCh	90, 18.465, 328.809
Yxy	75.5998, 0.3169, 0.3010
Android (android.graphics.Color)	4294498548 (0xFFFF8D8F4)
YUV	228.7600, 7.5133, 16.8735
Hunter-Lab	86.9481, 11.2416, -4.5777

Details

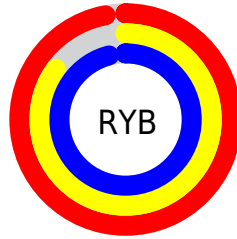
The Yxy color **75.5998, 0.3169, 0.3010** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.9033, 0.3088, 0.3587**, and the grayscale version is **78.1086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1969, 0.3171, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **63.6520, 0.3206, 0.2786**, and if you desaturate by 10%, it is **89.4751, 0.3136, 0.3228**.

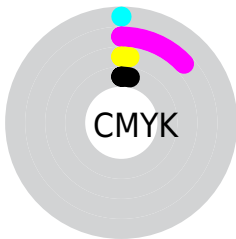
Distribution



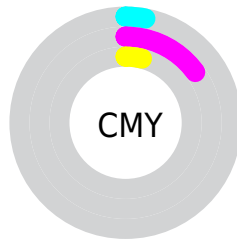
- Red (97%)
- Green (85%)
- Blue (96%)



- Red (97%)
- Yellow (85%)
- Blue (96%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5998, 0.3169, 0.3010 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 75.5998, 0.3169, 0.3010 by changing the saturation by 10% instead.

 75.5998, 0.3169,
0.3010

 75.5998, 0.3169,
0.3010

479.9766, 0.3151,
0.3136

 56.1044, 0.3173,
0.2982

127.1610, 0.3163,
0.3053

 40.2866, 0.3177,
0.2948


159.9957, 0.3161,
0.3070

 27.7621, 0.3183,
0.2906


198.0455, 0.3159,
0.3084

 18.1464, 0.3189,
0.2851

241.6950, 0.3157,
0.3097

 11.0552, 0.3198,
0.2779

291.3284, 0.3155,
0.3109

 6.1039, 0.3209,
0.2678

347.3302, 0.3154,

 2.9084, 0.3223,

0.3119

0.2529

410.0848, 0.3152,
0.3128

1.0841, 0.3241,
0.2285

0.0000, 0.3582,
0.0000

75.5998, 0.3169,
0.3010

75.5998, 0.3169,
0.3010

63.6520, 0.3206,
0.2786

89.4751, 0.3136,
0.3228

53.5361, 0.3248,
0.2564

98.3917, 0.3111,
0.3336

45.1634, 0.3293,
0.2351

98.5889, 0.3094,
0.3306

38.4335, 0.3341,
0.2156

98.6963, 0.3084,
0.3290

■ 33.2363, 0.3390,
0.1991

■ 29.4478, 0.3439,
0.1863

■ 26.9249, 0.3486,
0.1779

■ 25.4941, 0.3531,
0.1741

■ 24.9583, 0.3561,
0.1735

Harmonies

Analogous

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



75.5998, 0.2952, 0.2930



75.5998, 0.3169, 0.3010



75.5998, 0.3382, 0.3158

Triad

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



75.5998, 0.3169, 0.3010



75.5998, 0.3474, 0.3645



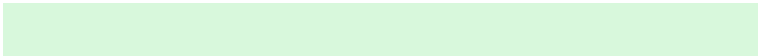
75.5998, 0.2743, 0.3216

Complementary

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



75.5998, 0.3169, 0.3010



86.9033, 0.3088, 0.3587

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.



75.5998, 0.2874, 0.3423



75.5998, 0.3169, 0.3010



75.5998, 0.3294, 0.3677

Square

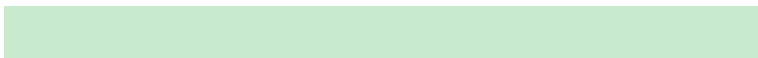
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5998, 0.3169, 0.3010



75.5998, 0.3561, 0.3520



75.5998, 0.3074, 0.3596



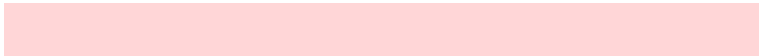
75.5998, 0.2712, 0.3040

Rectangle

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



75.5998, 0.3169, 0.3010



75.5998, 0.3489, 0.3279



75.5998, 0.3074, 0.3596



75.5998, 0.2776, 0.3285

Sweetspot

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



75.6031, 0.3169, 0.3010



93.5816, 0.3139, 0.3205



71.0688, 0.2946, 0.2951



19.7801, 0.3142, 0.3188



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.



75.6031, 0.3169, 0.3010



77.6713, 0.3177, 0.2963



74.6891, 0.3277, 0.3166



17.4848, 0.3157, 0.3085



13.4971, 0.3554, 0.1732



1.2603, 0.3507, 0.1706

Inverse Universe

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



75.6031, 0.3169, 0.3010



77.6713, 0.3177, 0.2963



87.7753, 0.2998, 0.3418



17.4848, 0.3157, 0.3085



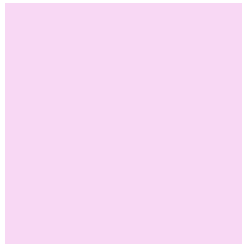
13.4971, 0.3554, 0.1732



1.2603, 0.3507, 0.1706

Previews

White Background



This preview shows how the Yxy color 75.5998, 0.3169, 0.3010 looks on a white background.

Color Contrast Check

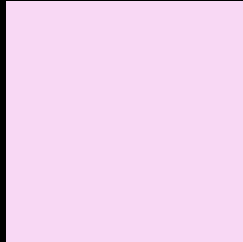
Large Text (above 18pt) WCAG AA × Fail

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 75.5998, 0.3169, 0.3010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

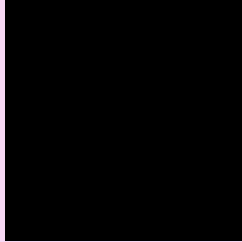
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

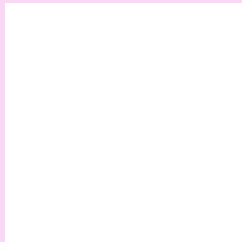
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5998, 0.3169, 0.3010

Background



This preview shows how black text looks on a background with the Yxy color 75.5998, 0.3169, 0.3010.

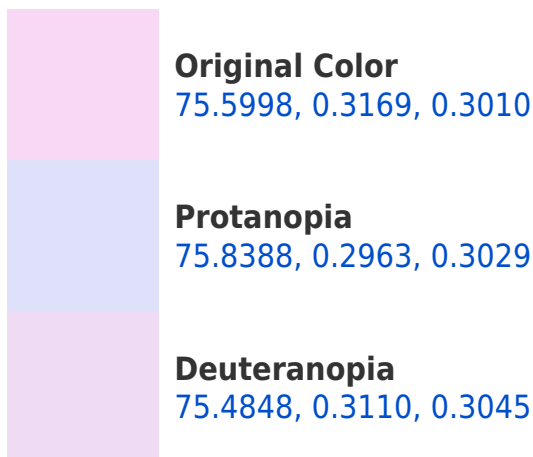


This preview shows how white text looks on a background with the Yxy color 75.5998, 0.3169, 0.3010.

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

75.9151, 0.3221, 0.3118

Trichromacy



Original Color

75.5998, 0.3169, 0.3010

Protanomaly

75.5841, 0.3036, 0.3022

Deuteranomaly

75.4911, 0.3132, 0.3036

Tritanomaly

75.5729, 0.3202, 0.3078

Monochromacy



Original Color

75.5998, 0.3169, 0.3010

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.0847, 0.3146, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5998, 0.3169, 0.3010 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(248, 216, 244)` looks like.

```
.text, #text, p{  
    color:rgb(248, 216, 244)  
}
```

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(248, 216, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 216, 244) }
```

Border

The CSS property to change the border of an element to Yxy 75.5998, 0.3169, 0.3010 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(248, 216, 244) }
```

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

```
.border{ border-color:rgb(248, 216, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 216, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 216, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 216, 244);  
box-shadow:4px 4px 4px 4px rgb(248, 216,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5998, 0.3169, 0.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 216, 244) }
```

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

```
.background{ background-color: rgb(248,  
216, 244) }
```

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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