

Converting Colors

$Y_{xy}(76.3219, 0.3132, 0.3016)$

Have a look what the booklet for
Yxy(76.3219, 0.3132, 0.3016)
contains.

Yxy(76.2091, 0.3133, 0.3009)	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(76.2091, 0.3133, 0.3009)

Conversions

Conversions Part 1

Format	Color
Hex	F5DAF6
RGB	245, 218, 246
RGB Percent	96%, 85%, 96%
CMY	0.0394, 0.1450, 0.0353
CMYK	0.00, 0.11, 0.00, 0.04
HSL	298°, 61%, 91%
HSV	298°, 11%, 96%
XYZ	79.3497, 76.2091, 97.7118
YIQ	229.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

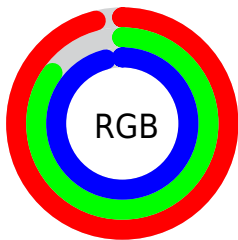
Format	Color
R _Y B	245, 218, 246
Decimal	16112374
CIE Lab	89.96, 14.09, -10.23
CIE LCh	90, 17.415, 324.031
Yxy	76.2091, 0.3133, 0.3009
Android (android.graphics.Color)	4294302454 (0xFFFF5DAF6)
YUV	229.2650, 8.2504, 13.7996
Hunter-Lab	87.2978, 9.4770, -5.2544

Details

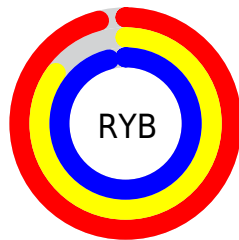
The Yxy color **76.2091, 0.3133, 0.3009** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.0416, 0.3120, 0.3587**, and the grayscale version is **78.4927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7309, 0.3134, 0.2943** is the 20% darker color. If you saturate the color by 10%, you get **64.2212, 0.3137, 0.2755**, and if you desaturate by 10%, it is **90.0979, 0.3128, 0.3257**.

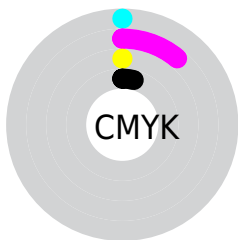
Distribution



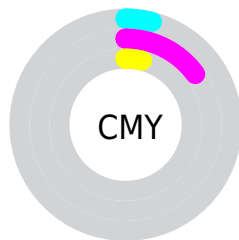
- Red (96%)
- Green (85%)
- Blue (96%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2091, 0.3133, 0.3009 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 76.2091, 0.3133, 0.3009 by changing the saturation by 10% instead.


 76.2091, 0.3133,
0.3009

 76.2091, 0.3133,
0.3009

482.0632, 0.3132,
0.3135

 56.6040, 0.3133,
0.2981


128.0224, 0.3133,
0.3052

 40.6874, 0.3133,
0.2947


160.9994, 0.3133,
0.3069

 28.0749, 0.3133,
0.2904


199.2026, 0.3132,
0.3084

 18.3821, 0.3132,
0.2850

243.0161, 0.3132,
0.3097

 11.2247, 0.3130,
0.2778

292.8246, 0.3132,
0.3108

 6.2182, 0.3127,
0.2677


349.0123, 0.3132,


 2.9782, 0.3120,

0.3118


0.2528


411.9637, 0.3132,
0.3127

 1.1204, 0.3101,
0.2285


 0.0000, 0.3235,
0.0000


 76.2091, 0.3133,
0.3009


 76.2091, 0.3133,
0.3009


 64.2212, 0.3137,
0.2755


 90.0979, 0.3128,
0.3257


 54.0411, 0.3140,
0.2503

 97.9085, 0.3128,
0.3377

 45.5829, 0.3142,
0.2261

 98.0749, 0.3134,
0.3377

 38.7498, 0.3142,
0.2040

 98.2422, 0.3139,
0.3377

33.4352, 0.3140,
0.1849

98.4102, 0.3145,
0.3377

29.5201, 0.3136,
0.1695

98.5791, 0.3151,
0.3377

26.8677, 0.3130,
0.1585

98.7487, 0.3156,
0.3377

25.3137, 0.3122,
0.1519

98.9192, 0.3162,
0.3377

24.6331, 0.3115,
0.1490

99.0906, 0.3168,
0.3377

Harmonies

Analogous

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



76.2091, 0.2933, 0.2946



76.2091, 0.3133, 0.3009



76.2091, 0.3338, 0.3140

Triad

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



76.2091, 0.3133, 0.3009



76.2091, 0.3473, 0.3611



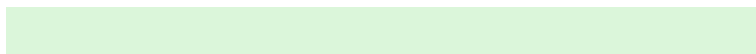
76.2091, 0.2779, 0.3252

Complementary

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



76.2091, 0.3133, 0.3009



86.0416, 0.3120, 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.



76.2091, 0.2915, 0.3445



76.2091, 0.3133, 0.3009



76.2091, 0.3315, 0.3656

Square

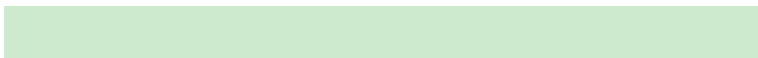
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



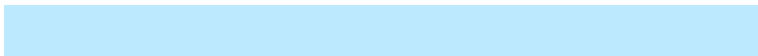
76.2091, 0.3133, 0.3009



76.2091, 0.3537, 0.3482



76.2091, 0.3111, 0.3596



76.2091, 0.2733, 0.3078

Rectangle

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



76.2091, 0.3133, 0.3009



76.2091, 0.3447, 0.3252



76.2091, 0.3111, 0.3596



76.2091, 0.2815, 0.3317

Sweetspot

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



76.2124, 0.3133, 0.3009



95.1619, 0.3129, 0.3217



72.4452, 0.2947, 0.3008



20.0988, 0.3129, 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.



76.2124, 0.3133, 0.3009



79.0490, 0.3134, 0.2942



75.6528, 0.3225, 0.3134



16.7351, 0.3132, 0.3056



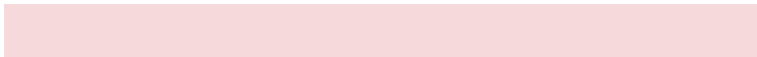
13.1630, 0.3117, 0.1490



1.1665, 0.3129, 0.1497

Inverse Universe

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



74.8640, 0.3324, 0.3280



77.2803, 0.3378, 0.3277



86.5652, 0.3040, 0.3451



16.4925, 0.3288, 0.3282



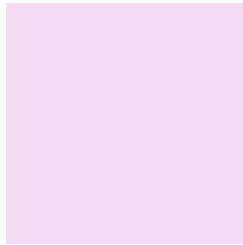
10.4731, 0.6362, 0.3278



0.9239, 0.6265, 0.3225

Previews

White Background



This preview shows how the Yxy color 76.2091, 0.3133, 0.3009 looks on a white background.

Color Contrast Check

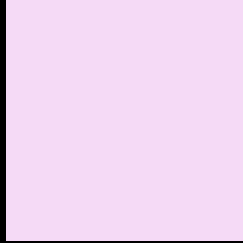
Large Text (above 18pt) WCAG AA × Fail

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 76.2091, 0.3133, 0.3009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

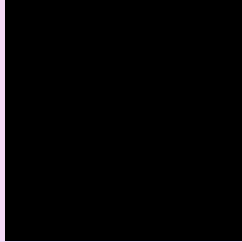
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

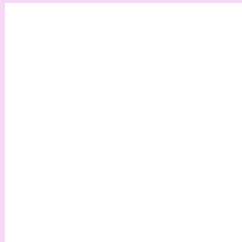
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2091, 0.3133, 0.3009

Background



This preview shows how black text looks on a background with the Yxy color 76.2091, 0.3133, 0.3009.

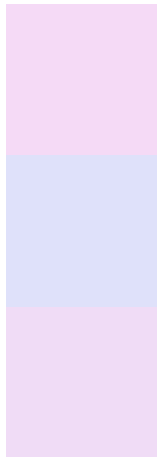


This preview shows how white text looks on a background with the Yxy color 76.2091, 0.3133, 0.3009.

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

76.2091, 0.3133, 0.3009

Protanopia

76.4405, 0.2957, 0.3030

Deuteranopia

76.3655, 0.3098, 0.3026



Tritanopia

76.5339, 0.3185, 0.3118

Trichromacy



Original Color

76.2091, 0.3133, 0.3009

Protanomaly

76.0710, 0.3016, 0.3012

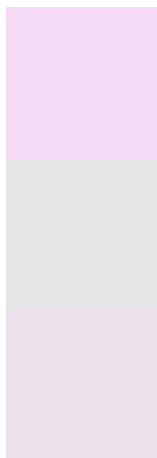
Deuteranomaly

76.1941, 0.3112, 0.3017

Tritanomaly

76.1874, 0.3166, 0.3077

Monochromacy



Original Color

76.2091, 0.3133, 0.3009

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.5108, 0.3132, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2091, 0.3133, 0.3009 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, 218, 246)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 218, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 246) }
```

Border

The CSS property to change the border of an element to Yxy 76.2091, 0.3133, 0.3009 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, 218, 246) }
```

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

```
.border{ border-color:rgb(245, 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(245, 218, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 246);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2091, 0.3133, 0.3009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 246) }
```

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

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