

Converting Colors

$Y_{xy}(75.8839, 0.3152, 0.3037)$

Have a look what the booklet for
Yxy(75.8839, 0.3152, 0.3037)
contains.

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Color

Yxy(76.0263, 0.3153, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	F5DAF3
RGB	245, 218, 243
RGB Percent	96%, 85%, 95%
CMY	0.0393, 0.1451, 0.0470
CMYK	0.00, 0.11, 0.01, 0.04
HSL	304°, 57%, 91%
HSV	304°, 11%, 96%
XYZ	78.9042, 76.0263, 95.3207
YIQ	228.9230, 8.0670, 13.4990

Conversions

Conversions Part 2

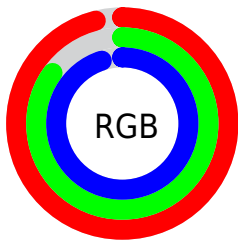
Format	Color
R_{YB}	245, 218, 243
Decimal	16112371
CIE _{Lab}	89.87, 13.58, -8.79
CIE _{LCh}	90, 16.173, 327.086
Yxy	76.0263, 0.3153, 0.3038
Android (android.graphics.Color)	4294302451 (0xFFFF5DAF3)
YUV	228.9230, 6.9400, 14.0995
Hunter-Lab	87.1931, 8.9433, -3.7815

Details

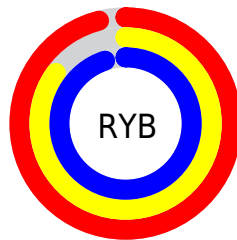
The Yxy color **76.0263, 0.3153, 0.3038** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.3725, 0.3102, 0.3556**, and the grayscale version is **78.2404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6011, 0.3160, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **64.1401, 0.3179, 0.2803**, and if you desaturate by 10%, it is **89.7981, 0.3129, 0.3267**.

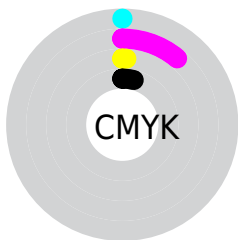
Distribution



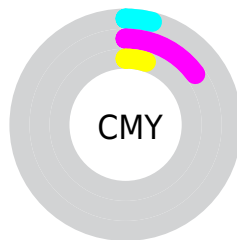
- Red (96%)
- Green (85%)
- Blue (95%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0263, 0.3153, 0.3038 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 76.0263, 0.3153, 0.3038 by changing the saturation by 10% instead.


 76.0263, 0.3153,
0.3038

 76.0263, 0.3153,
0.3038


481.4377, 0.3142,
0.3151

 56.4541, 0.3155,
0.3013


127.7641, 0.3149,
0.3077

 40.5671, 0.3158,
0.2982


160.6984, 0.3148,
0.3092

 27.9810, 0.3161,
0.2944


198.8556, 0.3147,
0.3105

 18.3113, 0.3165,
0.2894

242.6200, 0.3146,
0.3117

 11.1737, 0.3169,
0.2829

292.3760, 0.3145,
0.3127

 6.1838, 0.3175,
0.2737

348.5080, 0.3144,

 2.9572, 0.3182,

0.3136

0.2600

411.4005, 0.3143,
0.3144

■ 1.1094, 0.3187,
0.2376

■ 0.0000, 0.3468,
0.0000

■ 76.0263, 0.3153,
0.3038

■ 76.0263, 0.3153,
0.3038

■ 64.1401, 0.3179,
0.2803

■ 89.7981, 0.3129,
0.3267

■ 54.0475, 0.3207,
0.2569

■ 97.6218, 0.3113,
0.3372

■ 45.6638, 0.3238,
0.2344

■ 97.7329, 0.3103,
0.3354

■ 38.8932, 0.3269,
0.2137

■ 97.8451, 0.3093,
0.3337

■ 33.6309, 0.3300,
0.1959

■ 97.9583, 0.3083,
0.3319

■ 29.7594, 0.3330,
0.1818

■ 98.0726, 0.3073,
0.3302

■ 27.1441, 0.3359,
0.1720

■ 98.1509, 0.3066,
0.3290

■ 25.6235, 0.3385,
0.1667

■ 24.9597, 0.3406,
0.1650

Harmonies

Analogous

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



76.0263, 0.2964, 0.2972



76.0263, 0.3153, 0.3038



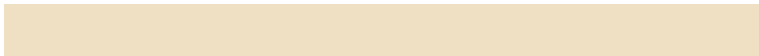
76.0263, 0.3340, 0.3166

Triad

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



76.0263, 0.3153, 0.3038



76.0263, 0.3437, 0.3597



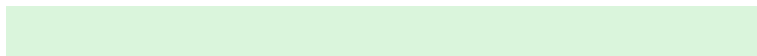
76.0263, 0.2795, 0.3237

Complementary

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



76.0263, 0.3153, 0.3038



85.3725, 0.3102, 0.3556

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.



76.0263, 0.2914, 0.3416



76.0263, 0.3153, 0.3038



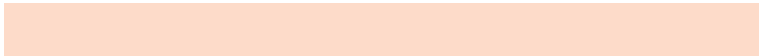
76.0263, 0.3284, 0.3628

Square

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



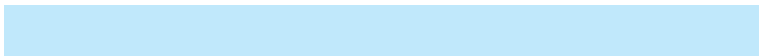
76.0263, 0.3153, 0.3038



76.0263, 0.3507, 0.3484



76.0263, 0.3093, 0.3562



76.0263, 0.2761, 0.3080

Rectangle

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



76.0263, 0.3153, 0.3038



76.0263, 0.3437, 0.3272



76.0263, 0.3093, 0.3562



76.0263, 0.2826, 0.3297

Sweetspot

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



76.0296, 0.3153, 0.3038



95.1798, 0.3134, 0.3222



71.9242, 0.2966, 0.3004



20.1036, 0.3136, 0.3204



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.



76.0296, 0.3153, 0.3038



80.4875, 0.3158, 0.2991



75.2540, 0.3243, 0.3171



16.7461, 0.3149, 0.3074



13.4564, 0.3402, 0.1648



1.1888, 0.3375, 0.1633

Inverse Universe

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



76.0296, 0.3153, 0.3038



80.4875, 0.3158, 0.2991



86.1063, 0.3024, 0.3412



16.7461, 0.3149, 0.3074



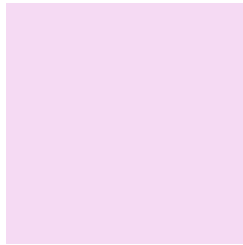
13.4564, 0.3402, 0.1648



1.1888, 0.3375, 0.1633

Previews

White Background



This preview shows how the Yxy color 76.0263, 0.3153, 0.3038 looks on a white background.

Color Contrast Check

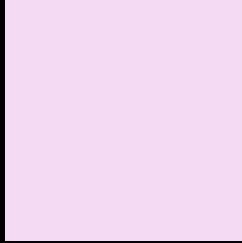
Large Text (above 18pt) WCAG AA × Fail

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 76.0263, 0.3153, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

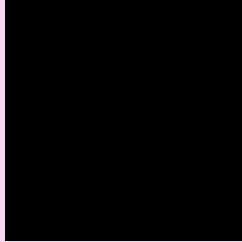
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0263, 0.3153, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 76.0263, 0.3153, 0.3038.



This preview shows how white text looks on a background with the Yxy color 76.0263, 0.3153, 0.3038.

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

76.0263, 0.3153, 0.3038

Protanopia

76.4131, 0.2982, 0.3060

Deuteranopia

76.1827, 0.3117, 0.3056



Tritanopia

75.9523, 0.3192, 0.3117

Trichromacy



Original Color

76.0263, 0.3153, 0.3038

Protanomaly

76.0522, 0.3042, 0.3043

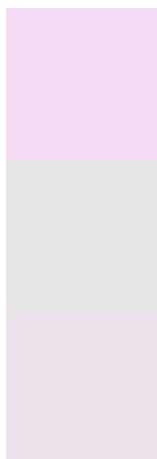
Deuteranomaly

76.0113, 0.3132, 0.3047

Tritanomaly

76.1281, 0.3172, 0.3087

Monochromacy



Original Color

76.0263, 0.3153, 0.3038

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.4531, 0.3138, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0263, 0.3153, 0.3038 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 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, 218, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 243) }
```

Border

The CSS property to change the border of an element to Yxy 76.0263, 0.3153, 0.3038 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, 243) }
```

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

```
.border{ border-color:rgb(245, 218, 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, 218, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 243);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0263, 0.3153, 0.3038 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, 243) }
```

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

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