

Converting Colors

Yxy(76.5933, 0.3107, 0.3006)

Have a look what the booklet for
Yxy(76.5933, 0.3107, 0.3006)
contains.

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Color

Yxy(76.4950, 0.3106, 0.2998)

Conversions

Conversions Part 1

Format	Color
Hex	F3DBF8
RGB	243, 219, 248
RGB Percent	95%, 86%, 97%
CMY	0.0469, 0.1412, 0.0274
CMYK	0.02, 0.12, 0.00, 0.03
HSL	290°, 68%, 92%
HSV	290°, 12%, 97%
XYZ	79.2507, 76.4950, 99.4078
YIQ	229.4820, 4.9950, 14.1070

Conversions

Conversions Part 2

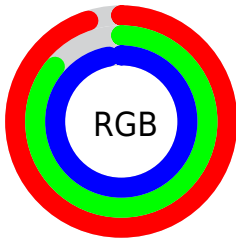
Format	Color
R _Y B	243, 219, 248
Decimal	15981560
CIE Lab	90.09, 13.33, -11.11
CIE LCh	90, 17.351, 320.186
Yxy	76.4950, 0.3106, 0.2998
Android (android.graphics.Color)	4294171640 (0xFFFF3DBF8)
YUV	229.4820, 9.1294, 11.8553
Hunter-Lab	87.4614, 8.6852, -6.1654

Details

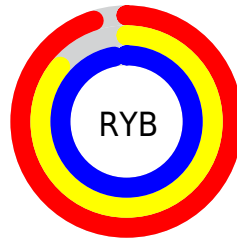
The Yxy color **76.4950, 0.3106, 0.2998** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.0997, 0.3145, 0.3594**, and the grayscale version is **78.6629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9215, 0.3099, 0.2929** is the 20% darker color. If you saturate the color by 10%, you get **63.7612, 0.3083, 0.2738**, and if you desaturate by 10%, it is **91.1808, 0.3124, 0.3249**.

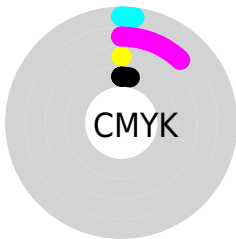
Distribution



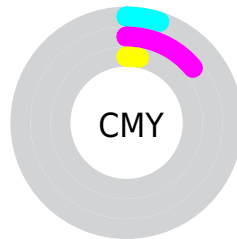
- Red (95%)
- Green (86%)
- Blue (97%)



- Red (95%)
- Yellow (86%)
- Blue (97%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)




- Cyan (5%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4950, 0.3106, 0.2998 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 76.4950, 0.3106, 0.2998 by changing the saturation by 10% instead.

 76.4950, 0.3106,
0.2998

 76.4950, 0.3106,
0.2998


483.0405, 0.3117,
0.3129

 56.8385, 0.3103,
0.2969


128.4264, 0.3110,
0.3043

 40.8756, 0.3100,
0.2934


161.4700, 0.3112,
0.3060

 28.2219, 0.3095,
0.2890


199.7449, 0.3113,
0.3076

 18.4930, 0.3089,
0.2833

243.6353, 0.3114,
0.3089

 11.3045, 0.3080,
0.2758

293.5256, 0.3115,
0.3101

 6.2720, 0.3066,
0.2654

349.8004, 0.3116,

 3.0112, 0.3042,

0.3111

0.2501

412.8439, 0.3116,
0.3121

■ 1.1376, 0.2995,
0.2252

■ 0.0098, 0.2957,
0.0087

■ 76.4950, 0.3106,
0.2998

■ 76.4950, 0.3106,
0.2998

■ 63.7612, 0.3083,
0.2738

■ 91.1808, 0.3124,
0.3249

■ 52.8843, 0.3055,
0.2474

■ 98.9079, 0.3146,
0.3357

■ 43.7763, 0.3023,
0.2215

■ 99.5584, 0.3168,
0.3357

■ 36.3379, 0.2985,
0.1972

■ 30.4601, 0.2944,
0.1755

■ 26.0207, 0.2900,
0.1574

■ 22.8791, 0.2855,
0.1438

■ 20.8664, 0.2809,
0.1347

■ 19.8372, 0.2772,
0.1300

Harmonies

Analogous

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



76.4950, 0.2911, 0.2946



76.4950, 0.3106, 0.2998



76.4950, 0.3312, 0.3121

Triad

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



76.4950, 0.3106, 0.2998



76.4950, 0.3485, 0.3597



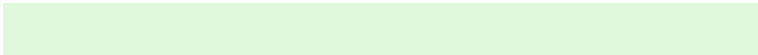
76.4950, 0.2793, 0.3277

Complementary

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



76.4950, 0.3106, 0.2998



88.0997, 0.3145, 0.3594

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.



76.4950, 0.2939, 0.3467



76.4950, 0.3106, 0.2998



76.4950, 0.3338, 0.3654

Square

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



76.4950, 0.3106, 0.2998



76.4950, 0.3535, 0.3461



76.4950, 0.3138, 0.3608



76.4950, 0.2735, 0.3098

Rectangle

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



76.4950, 0.3106, 0.2998



76.4950, 0.3427, 0.3230



76.4950, 0.3138, 0.3608



76.4950, 0.2833, 0.3342

Sweetspot

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



76.4983, 0.3106, 0.2998



93.3342, 0.3121, 0.3192



75.3147, 0.2943, 0.3040



19.7173, 0.3119, 0.3173



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.



76.4983, 0.3106, 0.2998



78.1590, 0.3101, 0.2938



76.8380, 0.3202, 0.3091



17.3654, 0.3110, 0.3054



10.7687, 0.2779, 0.1304



1.0357, 0.2833, 0.1334

Inverse Universe

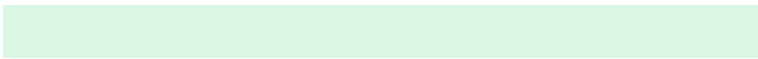
The Inverse Universe completely reimagines the original color for something new.



75.9958, 0.3304, 0.3240



77.5384, 0.3344, 0.3229



87.8150, 0.3059, 0.3498



17.2737, 0.3267, 0.3250



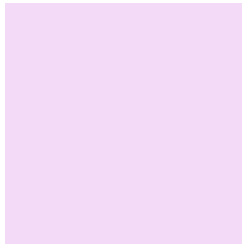
10.8864, 0.6150, 0.3161



1.0214, 0.5850, 0.2997

Previews

White Background



This preview shows how the Yxy color 76.4950, 0.3106, 0.2998 looks on a white background.

Color Contrast Check

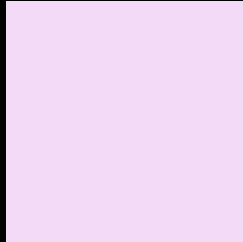
Large Text (above 18pt) WCAG AA × Fail

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 76.4950, 0.3106, 0.2998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

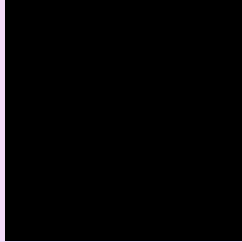
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.4950, 0.3106, 0.2998

Background



This preview shows how black text looks on a background with the Yxy color 76.4950, 0.3106, 0.2998.

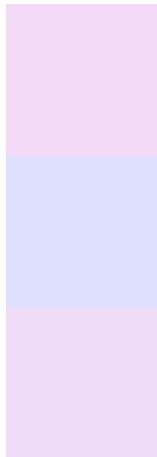


This preview shows how white text looks on a background with the Yxy color 76.4950, 0.3106, 0.2998.

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

76.4950, 0.3106, 0.2998

Protanopia

76.5667, 0.2945, 0.3009

Deuteranopia

76.3144, 0.3078, 0.3006



Tritanopia

76.7632, 0.3163, 0.3117

Trichromacy



Original Color

76.4950, 0.3106, 0.2998

Protanomaly

76.5634, 0.2997, 0.3002

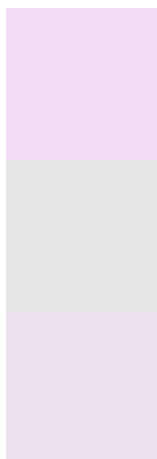
Deuteranomaly

76.4890, 0.3085, 0.3007

Tritanomaly

76.4744, 0.3138, 0.3067

Monochromacy



Original Color

76.4950, 0.3106, 0.2998

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.3990, 0.3119, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4950, 0.3106, 0.2998 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(243, 219, 248)` looks like.

```
.text, #text, p{  
    color:rgb(243, 219, 248)  
}
```

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(243, 219, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 219, 248) }
```

Border

The CSS property to change the border of an element to Yxy 76.4950, 0.3106, 0.2998 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(243, 219, 248) }
```

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

```
.border{ border-color:rgb(243, 219, 248) }
```

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

Here you see how a box with a 4 pixel rgb(243, 219, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 219, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 219, 248);  
box-shadow:4px 4px 4px 4px rgb(243, 219,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4950, 0.3106, 0.2998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 219, 248) }
```

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

```
.background{ background-color: rgb(243,  
219, 248) }
```

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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