

Converting Colors

Yxy(76.9585, 0.3249, 0.3181)

Have a look what the booklet for
Yxy(76.9585, 0.3249, 0.3181)
contains.

Yxy(76.7301, 0.3247, 0.3179)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.7301, 0.3247, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	F7DCE7
RGB	247, 220, 231
RGB Percent	97%, 86%, 91%
CMY	0.0314, 0.1372, 0.0942
CMYK	0.00, 0.11, 0.06, 0.03
HSL	336°, 63%, 92%
HSV	336°, 11%, 97%
XYZ	78.3714, 76.7301, 86.2640
YIQ	229.3270, 12.5610, 9.1450

Conversions

Conversions Part 2

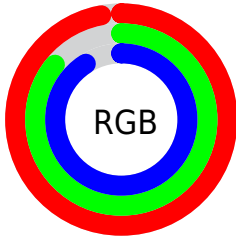
Format	Color
R _Y B	247, 220, 231
Decimal	16243943
CIE Lab	90.20, 11.11, -1.96
CIE LCh	90, 11.285, 349.976
Yxy	76.7301, 0.3247, 0.3179
Android (android.graphics.Color)	4294434023 (0xFFFF7DCE7)
YUV	229.3270, 0.8248, 15.4992
Hunter-Lab	87.5957, 6.4104, 2.9284

Details

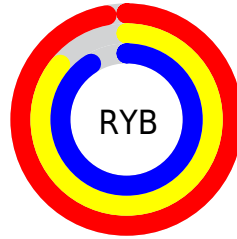
The Yxy color **76.7301, 0.3247, 0.3179** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.7954, 0.3021, 0.3404**, and the grayscale version is **78.5959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0818, 0.3283, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **63.9172, 0.3382, 0.3071**, and if you desaturate by 10%, it is **91.5345, 0.3136, 0.3281**.

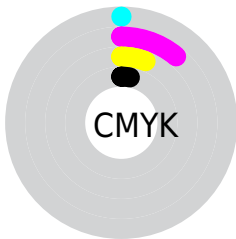
Distribution



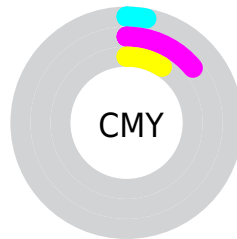
- Red (97%)
- Green (86%)
- Blue (91%)



- Red (97%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7301, 0.3247, 0.3179 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 76.7301, 0.3247, 0.3179 by changing the saturation by 10% instead.


 76.7301, 0.3247,
0.3179

 76.7301, 0.3247,
0.3179


483.8433, 0.3192,
0.3230

 57.0314, 0.3259,
0.3168

128.7584, 0.3228,
0.3196

 41.0304, 0.3275,
0.3154


161.8568, 0.3221,
0.3203

 28.3429, 0.3294,
0.3136


200.1906, 0.3214,
0.3209

 18.5843, 0.3319,
0.3113

244.1440, 0.3209,
0.3214

 11.3703, 0.3352,
0.3083

294.1017, 0.3204,
0.3219

 6.3165, 0.3400,
0.3039

350.4478, 0.3200,

 3.0385, 0.3474,

0.3223

0.2973

413.5669, 0.3196,
0.3226

■ 1.1518, 0.3602,
0.2860

■ 0.0218, 0.6148,
0.0460

■ 76.7301, 0.3247,
0.3179

■ 76.7301, 0.3247,
0.3179

■ 63.9172, 0.3382,
0.3071

■ 91.5345, 0.3136,
0.3281

■ 53.0004, 0.3545,
0.2961

■ 98.5138, 0.3078,
0.3290

■ 43.8915, 0.3741,
0.2851

■ 36.4911, 0.3973,
0.2751

■ 30.6904, 0.4238,
0.2669

■ 26.3676, 0.4532,
0.2619

■ 23.3835, 0.4840,
0.2614

■ 21.5713, 0.5142,
0.2662

■ 20.7015, 0.5396,
0.2746

Harmonies

Analogous

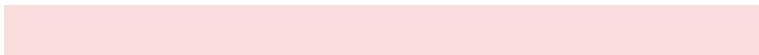
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7301, 0.3114, 0.3097



76.7301, 0.3247, 0.3179



76.7301, 0.3349, 0.3290

Triad

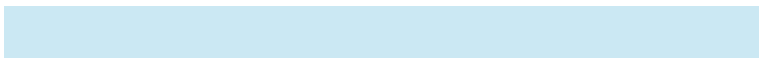
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7301, 0.3247, 0.3179



76.7301, 0.3266, 0.3525



76.7301, 0.2870, 0.3168

Complementary

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



76.7301, 0.3247, 0.3179



87.7954, 0.3021, 0.3404

Split Complementary

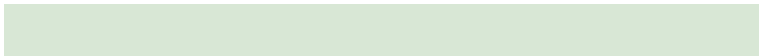
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7301, 0.2909, 0.3284



76.7301, 0.3247, 0.3179



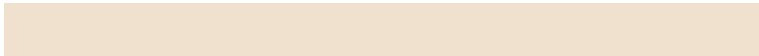
76.7301, 0.3136, 0.3494

Square

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



76.7301, 0.3247, 0.3179



76.7301, 0.3360, 0.3490



76.7301, 0.3006, 0.3405



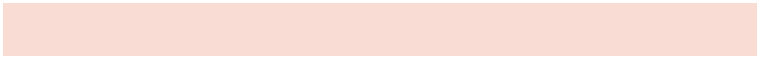
76.7301, 0.2898, 0.3089

Rectangle

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



76.7301, 0.3247, 0.3179



76.7301, 0.3385, 0.3367



76.7301, 0.3006, 0.3405



76.7301, 0.2876, 0.3204

Sweetspot

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



76.7335, 0.3247, 0.3179



94.9268, 0.3158, 0.3260



75.6972, 0.3062, 0.3014



20.0352, 0.3166, 0.3252



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

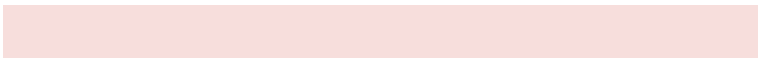
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7335, 0.3247, 0.3179



79.4398, 0.3273, 0.3157



77.3216, 0.3320, 0.3314



16.5942, 0.3230, 0.3194



10.9749, 0.5353, 0.2723



0.9844, 0.5024, 0.2542

Inverse Universe

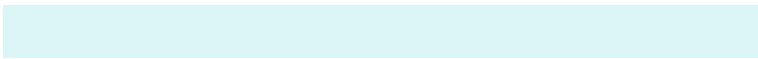
The Inverse Universe completely reimagines the original color for something new.



76.7335, 0.3247, 0.3179



79.4398, 0.3273, 0.3157



87.0855, 0.2959, 0.3266



16.5942, 0.3230, 0.3194



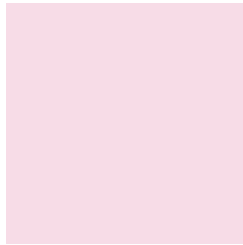
10.9749, 0.5353, 0.2723



0.9844, 0.5024, 0.2542

Previews

White Background



This preview shows how the Yxy color 76.7301, 0.3247, 0.3179 looks on a white background.

Color Contrast Check

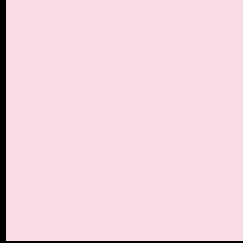
Large Text (above 18pt) WCAG AA × Fail

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 76.7301, 0.3247, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

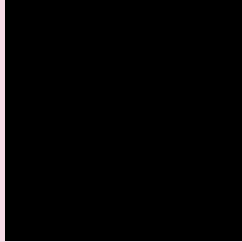
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.7301, 0.3247, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 76.7301, 0.3247, 0.3179.

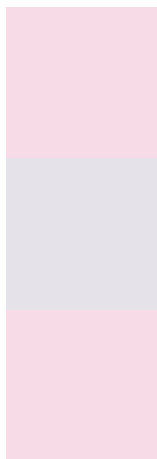


This preview shows how white text looks on a background with the Yxy color 76.7301, 0.3247, 0.3179.

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

76.7301, 0.3247, 0.3179

Protanopia

76.9912, 0.3097, 0.3206

Deuteranopia

76.7301, 0.3247, 0.3179



Tritanopia

76.6756, 0.3221, 0.3119

Trichromacy



Original Color

76.7301, 0.3247, 0.3179

Protanomaly

77.0274, 0.3152, 0.3197

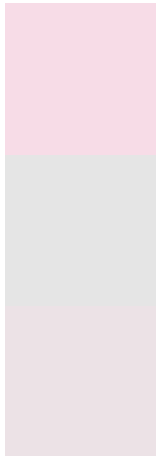
Deuteranomaly

76.7301, 0.3247, 0.3179

Tritanomaly

76.5600, 0.3234, 0.3139

Monochromacy



Original Color

76.7301, 0.3247, 0.3179

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.9388, 0.3171, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7301, 0.3247, 0.3179 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(247, 220, 231)` looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 231)  
}
```

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(247, 220, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 231) }
```

Border

The CSS property to change the border of an element to Yxy 76.7301, 0.3247, 0.3179 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(247, 220, 231) }
```

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

```
.border{ border-color:rgb(247, 220, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 220, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 231);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7301, 0.3247, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 231) }
```

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

```
.background{ background-color: rgb(247,  
220, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor