

Converting Colors

$Yxy(76.3628, 0.3188, 0.3197)$

Have a look what the booklet for
Yxy(76.3628, 0.3188, 0.3197)
contains.

Yxy(76.3628, 0.3188, 0.3197)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.3628, 0.3188, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	EFDEE7
RGB	239, 222, 231
RGB Percent	94%, 87%, 91%
CMY	0.0627, 0.1294, 0.0940
CMYK	0.00, 0.07, 0.03, 0.06
HSL	328°, 35%, 90%
HSV	328°, 7%, 94%
XYZ	76.1478, 76.3628, 86.3471
YIQ	228.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

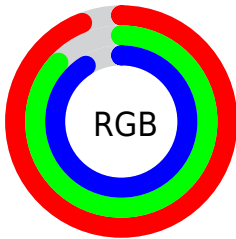
Format	Color
R_{YB}	239, 222, 231
Decimal	15720167
CIE _{Lab}	90.03, 7.37, -2.32
CIE _{LCh}	90, 7.723, 342.547
Yxy	76.3628, 0.3188, 0.3197
Android (android.graphics.Color)	4293910247 (0xFFEFDEE7)
YUV	228.1090, 1.4253, 9.5514
Hunter-Lab	87.3858, 2.6194, 2.5849

Details

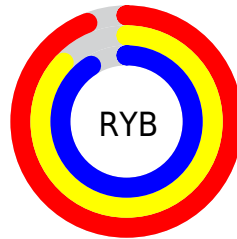
The Yxy color $76.3628, 0.3188, 0.3197$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82.9828, 0.3070, 0.3385$, and the grayscale version is $77.6565, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.7999, 0.3206, 0.3184$ is the 20% darker color. If you saturate the color by 10%, you get $63.9431, 0.3288, 0.3060$, and if you desaturate by 10%, it is $90.6295, 0.3105, 0.3326$.

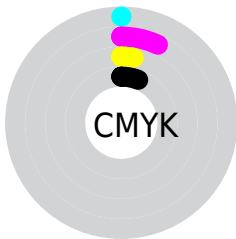
Distribution



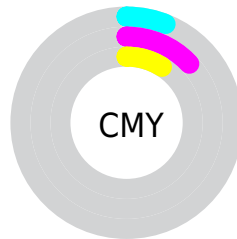
- Red (94%)
- Green (87%)
- Blue (91%)



- Red (94%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (6%)





- Cyan (6%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.3628, 0.3188, 0.3197 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 76.3628, 0.3188, 0.3197 by changing the saturation by 10% instead.


 76.3628, 0.3188,
0.3197

 76.3628, 0.3188,
0.3197


482.5887, 0.3160,
0.3239

 56.7301, 0.3194,
0.3187

128.2396, 0.3178,
0.3212

 40.7885, 0.3202,
0.3176


161.2525, 0.3175,
0.3217

 28.1539, 0.3212,
0.3161


199.4941, 0.3171,
0.3222

 18.4417, 0.3224,
0.3142

243.3490, 0.3169,
0.3227

 11.2676, 0.3241,
0.3116

293.2016, 0.3166,
0.3230

 6.2471, 0.3265,
0.3079

349.4361, 0.3164,

 2.9959, 0.3302,

0.3234

412.4370, 0.3162,
0.3237

0.3023

1.1296, 0.3367,
0.2927

0.0030, 0.5206,
0.0087

76.3628, 0.3188,
0.3197

76.3628, 0.3188,
0.3197

63.9431, 0.3288,
0.3060

90.6295, 0.3105,
0.3326

53.2843, 0.3409,
0.2918

96.9946, 0.3038,
0.3305

44.3084, 0.3551,
0.2776

97.0931, 0.3029,
0.3290

36.9275, 0.3718,
0.2641

■ 31.0456, 0.3908,
0.2521

■ 26.5565, 0.4120,
0.2429

■ 23.3396, 0.4345,
0.2377

■ 21.2537, 0.4575,
0.2377

■ 20.1162, 0.4798,
0.2431

Harmonies

Analogous

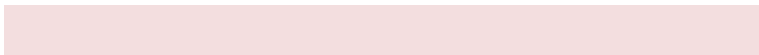
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3628, 0.3095, 0.3147



76.3628, 0.3188, 0.3197



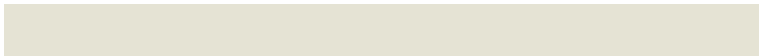
76.3628, 0.3265, 0.3271

Triad

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



76.3628, 0.3188, 0.3197



76.3628, 0.3242, 0.3449



76.3628, 0.2953, 0.3226

Complementary

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



76.3628, 0.3188, 0.3197



82.9828, 0.3070, 0.3385

Split Complementary

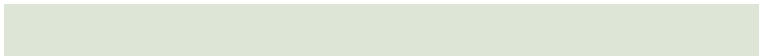
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3628, 0.2991, 0.3308



76.3628, 0.3188, 0.3197



76.3628, 0.3157, 0.3438

Square

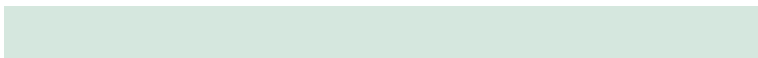
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3628, 0.3188, 0.3197



76.3628, 0.3296, 0.3416



76.3628, 0.3065, 0.3386



76.3628, 0.2960, 0.3163

Rectangle

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



76.3628, 0.3188, 0.3197



76.3628, 0.3297, 0.3325



76.3628, 0.3065, 0.3386



76.3628, 0.2961, 0.3252

Sweetspot

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



76.3661, 0.3188, 0.3197



96.6359, 0.3143, 0.3264



75.2876, 0.3072, 0.3112



20.7193, 0.3143, 0.3266



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.



76.3661, 0.3188, 0.3197



85.5469, 0.3206, 0.3171



75.8993, 0.3245, 0.3284



15.8991, 0.3210, 0.3165



11.0121, 0.4829, 0.2434



0.9362, 0.4557, 0.2284

Inverse Universe

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



76.3661, 0.3188, 0.3197



85.5469, 0.3206, 0.3171



83.4699, 0.3020, 0.3296



15.8991, 0.3210, 0.3165



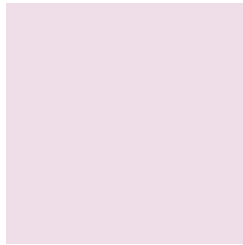
11.0121, 0.4829, 0.2434



0.9362, 0.4557, 0.2284

Previews

White Background



This preview shows how the Yxy color 76.3628, 0.3188, 0.3197 looks on a white background.

Color Contrast Check

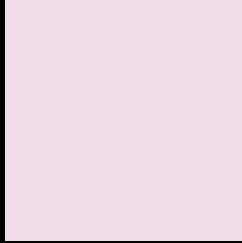
Large Text (above 18pt) WCAG AA × Fail

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 76.3628, 0.3188, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

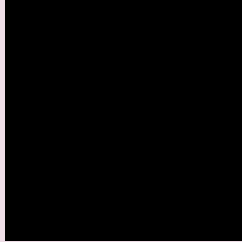
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

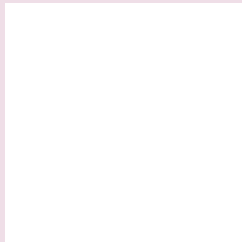
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3628, 0.3188, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 76.3628, 0.3188, 0.3197.

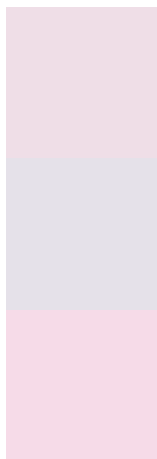


This preview shows how white text looks on a background with the Yxy color 76.3628, 0.3188, 0.3197.

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

76.3628, 0.3188, 0.3197

Protanopia

76.3916, 0.3103, 0.3206

Deuteranopia

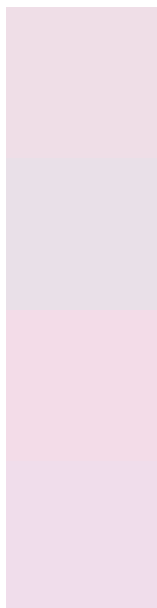
76.0821, 0.3234, 0.3158



Tritanopia

76.4112, 0.3149, 0.3116

Trichromacy



Original Color

76.3628, 0.3188, 0.3197

Protanomaly

76.4611, 0.3138, 0.3207

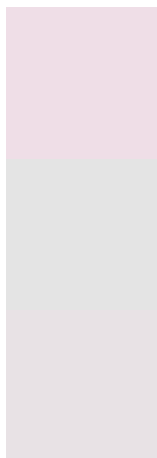
Deuteranomaly

76.0673, 0.3211, 0.3167

Tritanomaly

76.2363, 0.3169, 0.3147

Monochromacy



Original Color

76.3628, 0.3188, 0.3197

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.2057, 0.3149, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3628, 0.3188, 0.3197 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(239, 222, 231)` looks like.

```
.text, #text, p{  
    color:rgb(239, 222, 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(239, 222, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 222, 231) }
```

Border

The CSS property to change the border of an element to Yxy 76.3628, 0.3188, 0.3197 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(239, 222, 231) }
```

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

```
.border{ border-color:rgb(239, 222, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 222, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 222, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 222, 231);  
box-shadow:4px 4px 4px 4px rgb(239, 222,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3628, 0.3188, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 222, 231) }
```

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

```
.background{ background-color: rgb(239,  
222, 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