

Converting Colors

$Yxy(76.0516, 0.3168, 0.3185)$

Have a look what the booklet for
Yxy(76.0516, 0.3168, 0.3185)
contains.

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Color

Yxy(76.0733, 0.3167, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	EDDEE8
RGB	237, 222, 232
RGB Percent	93%, 87%, 91%
CMY	0.0708, 0.1293, 0.0903
CMYK	0.00, 0.06, 0.02, 0.07
HSL	320°, 29%, 90%
HSV	320°, 6%, 93%
XYZ	75.5959, 76.0733, 87.0296
YIQ	227.6250, 5.7300, 6.2900

Conversions

Conversions Part 2

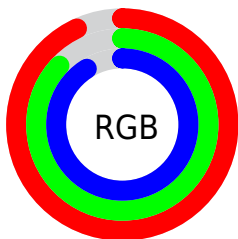
Format	Color
R _Y B	237, 222, 232
Decimal	15589096
CIE Lab	89.89, 6.82, -3.03
CIE LCh	90, 7.466, 336.021
Yxy	76.0733, 0.3167, 0.3187
Android (android.graphics.Color)	4293779176 (0xFFEDDEE8)
YUV	227.6250, 2.1569, 8.2219
Hunter-Lab	87.2200, 2.0757, 1.8935

Details

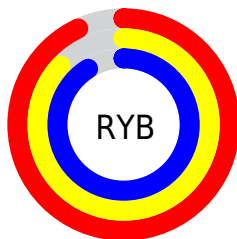
The Yxy color **76.0733, 0.3167, 0.3187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.6159, 0.3089, 0.3395**, and the grayscale version is **77.2725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5958, 0.3179, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **63.9222, 0.3240, 0.3017**, and if you desaturate by 10%, it is **90.0198, 0.3106, 0.3349**.

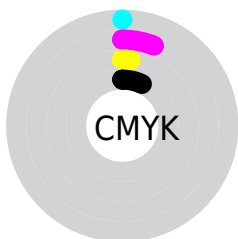
Distribution



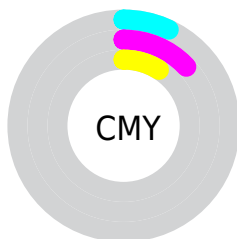
- Red (93%)
- Green (87%)
- Blue (91%)



- Red (93%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (7%)




- Cyan (7%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0733, 0.3167, 0.3187 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 76.0733, 0.3167, 0.3187 by changing the saturation by 10% instead.

 76.0733, 0.3167,
0.3187

 76.0733, 0.3167,
0.3187


481.5986, 0.3149,
0.3234

 56.4926, 0.3171,
0.3176


127.8305, 0.3161,
0.3203

 40.5980, 0.3176,
0.3163

160.7758, 0.3158,
0.3210

 28.0051, 0.3182,
0.3147


198.9448, 0.3156,
0.3215

 18.3295, 0.3190,
0.3126

242.7219, 0.3154,
0.3220

 11.1868, 0.3201,
0.3097

292.4914, 0.3153,
0.3224

 6.1926, 0.3217,
0.3057

348.6377, 0.3151,

 2.9626, 0.3240,

0.3228

0.2995

411.5453, 0.3150,
0.3231

■ 1.1122, 0.3280,
0.2889

■ 0.0000, 0.4380,
0.0000

■ 76.0733, 0.3167,
0.3187

■ 76.0733, 0.3167,
0.3187

■ 63.9222, 0.3240,
0.3017

■ 90.0198, 0.3106,
0.3349

■ 53.4831, 0.3325,
0.2842

■ 96.2766, 0.3057,
0.3361

■ 44.6806, 0.3425,
0.2666

■ 96.7352, 0.3017,
0.3290

■ 37.4296, 0.3539,
0.2499

■ 31.6375, 0.3666,
0.2348

■ 27.2018, 0.3804,
0.2226

■ 24.0064, 0.3949,
0.2142

■ 21.9158, 0.4095,
0.2107

■ 20.7608, 0.4239,
0.2123

Harmonies

Analogous

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



76.0733, 0.3077, 0.3146



76.0733, 0.3167, 0.3187



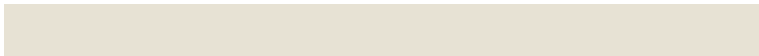
76.0733, 0.3247, 0.3255

Triad

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



76.0733, 0.3167, 0.3187



76.0733, 0.3253, 0.3440



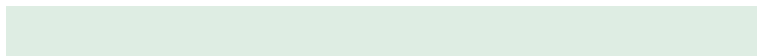
76.0733, 0.2963, 0.3244

Complementary

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



76.0733, 0.3167, 0.3187



81.6159, 0.3089, 0.3395

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.



76.0733, 0.3008, 0.3325



76.0733, 0.3167, 0.3187



76.0733, 0.3175, 0.3439

Square

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



76.0733, 0.3167, 0.3187



76.0733, 0.3297, 0.3400



76.0733, 0.3086, 0.3397



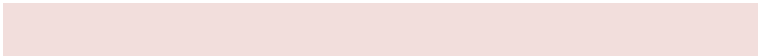
76.0733, 0.2960, 0.3177

Rectangle

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



76.0733, 0.3167, 0.3187



76.0733, 0.3283, 0.3307



76.0733, 0.3086, 0.3397



76.0733, 0.2973, 0.3270

Sweetspot

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



76.0766, 0.3167, 0.3187



96.6803, 0.3139, 0.3258



74.6578, 0.3064, 0.3133



20.7283, 0.3139, 0.3259



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.



76.0766, 0.3167, 0.3187



87.2385, 0.3179, 0.3158



75.6746, 0.3215, 0.3262



15.2236, 0.3189, 0.3134



11.2062, 0.4269, 0.2125



0.8977, 0.4085, 0.2024

Inverse Universe

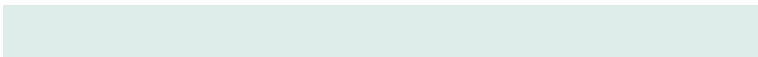
The Inverse Universe completely reimagines the original color for something new.



76.0766, 0.3167, 0.3187



87.2385, 0.3179, 0.3158



82.0231, 0.3046, 0.3318



15.2236, 0.3189, 0.3134



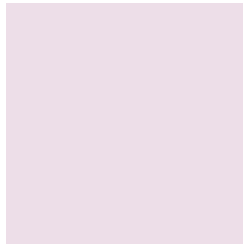
11.2062, 0.4269, 0.2125



0.8977, 0.4085, 0.2024

Previews

White Background



This preview shows how the Yxy color 76.0733, 0.3167, 0.3187 looks on a white background.

Color Contrast Check

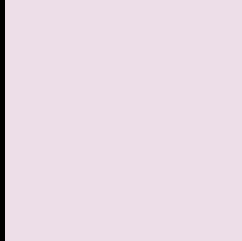
Large Text (above 18pt) WCAG AA × Fail

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 76.0733, 0.3167, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

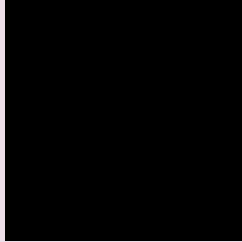
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

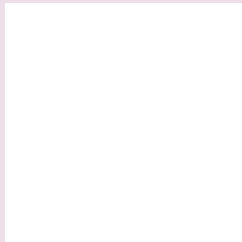
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0733, 0.3167, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 76.0733, 0.3167, 0.3187.

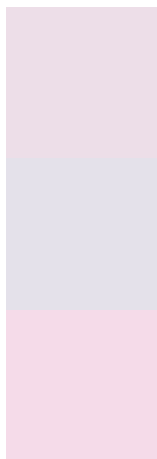


This preview shows how white text looks on a background with the Yxy color 76.0733, 0.3167, 0.3187.

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

76.0733, 0.3167, 0.3187

Protanopia

76.2849, 0.3090, 0.3195

Deuteranopia

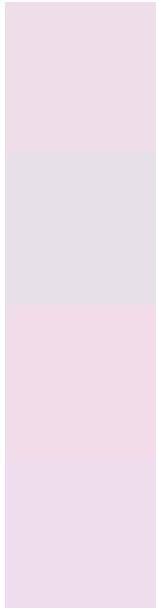
75.9587, 0.3220, 0.3148



Tritanopia

76.0631, 0.3135, 0.3115

Trichromacy



Original Color

76.0733, 0.3167, 0.3187

Protanomaly

76.1834, 0.3118, 0.3196

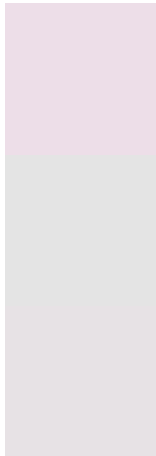
Deuteranomaly

75.9468, 0.3197, 0.3157

Tritanomaly

75.9462, 0.3149, 0.3136

Monochromacy



Original Color

76.0733, 0.3167, 0.3187

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.0388, 0.3143, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0733, 0.3167, 0.3187 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(237, 222, 232)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 232)  
}
```

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(237, 222, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 232) }
```

Border

The CSS property to change the border of an element to Yxy 76.0733, 0.3167, 0.3187 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(237, 222, 232) }
```

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

```
.border{ border-color:rgb(237, 222, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 232);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0733, 0.3167, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 232) }
```

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

```
.background{ background-color: rgb(237,  
222, 232) }
```

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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