

Converting Colors

$Y_{xy}(75.5278, 0.3172, 0.3156)$

Have a look what the booklet for
Yxy(75.5278, 0.3172, 0.3156)
contains.

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Color

Yxy(75.4203, 0.3176, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	EFDCE9
RGB	239, 220, 233
RGB Percent	94%, 86%, 91%
CMY	0.0628, 0.1372, 0.0862
CMYK	0.00, 0.08, 0.03, 0.06
HSL	319°, 37%, 90%
HSV	319°, 8%, 94%
XYZ	75.8982, 75.4203, 87.6558
YIQ	227.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

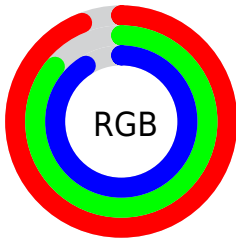
Format	Color
R _Y B	239, 220, 233
Decimal	15719657
CIE Lab	89.59, 8.75, -4.00
CIE LCh	90, 9.620, 335.416
Yxy	75.4203, 0.3176, 0.3156
Android (android.graphics.Color)	4293909737 (0xFFEFDCE9)
YUV	227.1630, 2.8776, 10.3810
Hunter-Lab	86.8449, 4.0219, 0.9478

Details

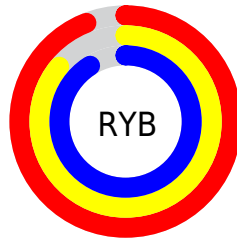
The Yxy color **75.4203, 0.3176, 0.3156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.4393, 0.3081, 0.3428**, and the grayscale version is **76.9177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1519, 0.3190, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **63.3403, 0.3247, 0.2980**, and if you desaturate by 10%, it is **89.3186, 0.3116, 0.3324**.

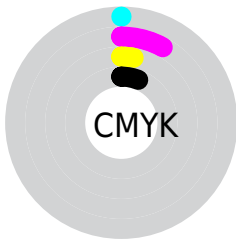
Distribution



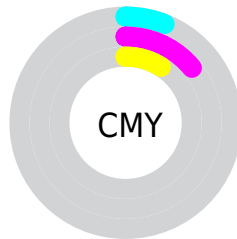
- Red (94%)
- Green (86%)
- Blue (91%)



- Red (94%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (6%)




- Cyan (6%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4203, 0.3176, 0.3156 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 75.4203, 0.3176, 0.3156 by changing the saturation by 10% instead.


 75.4203, 0.3176,
0.3156

 75.4203, 0.3176,
0.3156


479.3610, 0.3154,
0.3217

 55.9573, 0.3181,
0.3142


126.9071, 0.3168,
0.3177

 40.1687, 0.3187,
0.3125


159.6997, 0.3165,
0.3185

 27.6701, 0.3195,
0.3104


197.7043, 0.3163,
0.3192

 18.0771, 0.3204,
0.3077

241.3053, 0.3161,
0.3199

 11.0054, 0.3218,
0.3040

290.8871, 0.3159,
0.3204

 6.0704, 0.3236,
0.2988

346.8340, 0.3157,

 2.8880, 0.3264,

0.3209

0.2908

409.5305, 0.3155,
0.3213

1.0735, 0.3312,
0.2772

0.0000, 0.4252,
0.0000

75.4203, 0.3176,
0.3156

75.4203, 0.3176,
0.3156

63.3403, 0.3247,
0.2980

89.3186, 0.3116,
0.3324

52.9929, 0.3331,
0.2801

96.6527, 0.3068,
0.3358

44.3000, 0.3428,
0.2622

97.0905, 0.3029,
0.3290

37.1737, 0.3538,
0.2453

■ 31.5179, 0.3659,
0.2302

■ 27.2260, 0.3790,
0.2183

■ 24.1766, 0.3927,
0.2104

■ 22.2270, 0.4063,
0.2074

■ 21.1813, 0.4196,
0.2093

Harmonies

Analogous

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



75.4203, 0.3060, 0.3104



75.4203, 0.3176, 0.3156



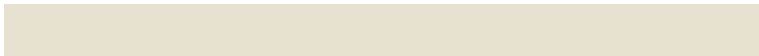
75.4203, 0.3280, 0.3242

Triad

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



75.4203, 0.3176, 0.3156



75.4203, 0.3291, 0.3484



75.4203, 0.2916, 0.3232

Complementary

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



75.4203, 0.3176, 0.3156



82.4393, 0.3081, 0.3428

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.



75.4203, 0.2975, 0.3337



75.4203, 0.3176, 0.3156



75.4203, 0.3191, 0.3484

Square

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



75.4203, 0.3176, 0.3156



75.4203, 0.3347, 0.3430



75.4203, 0.3076, 0.3430



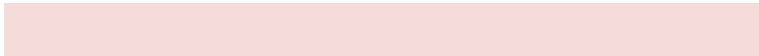
75.4203, 0.2912, 0.3146

Rectangle

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



75.4203, 0.3176, 0.3156



75.4203, 0.3328, 0.3309



75.4203, 0.3076, 0.3430



75.4203, 0.2930, 0.3266

Sweetspot

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



75.4236, 0.3176, 0.3156



96.6860, 0.3139, 0.3257



73.5420, 0.3044, 0.3090



20.7295, 0.3138, 0.3258



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.



75.4236, 0.3176, 0.3156



84.2888, 0.3190, 0.3120



74.9109, 0.3238, 0.3251



15.9417, 0.3186, 0.3130



11.6403, 0.4203, 0.2089



0.9863, 0.4040, 0.1999

Inverse Universe

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



75.4236, 0.3176, 0.3156



84.2888, 0.3190, 0.3120



82.9584, 0.3027, 0.3330



15.9417, 0.3186, 0.3130



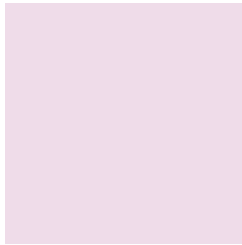
11.6403, 0.4203, 0.2089



0.9863, 0.4040, 0.1999

Previews

White Background



This preview shows how the Yxy color 75.4203, 0.3176, 0.3156 looks on a white background.

Color Contrast Check

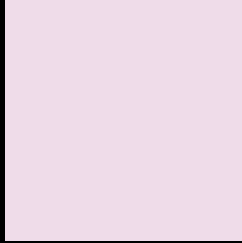
Large Text (above 18pt) WCAG AA × Fail

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 75.4203, 0.3176, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

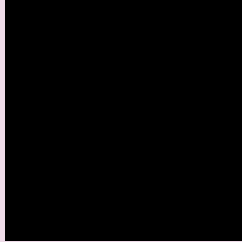
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

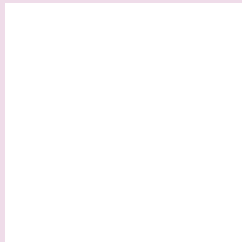
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4203, 0.3176, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 75.4203, 0.3176, 0.3156.

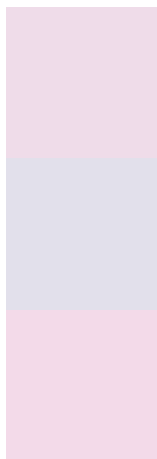


This preview shows how white text looks on a background with the Yxy color 75.4203, 0.3176, 0.3156.

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

75.4203, 0.3176, 0.3156

Protanopia

75.4782, 0.3070, 0.3174

Deuteranopia

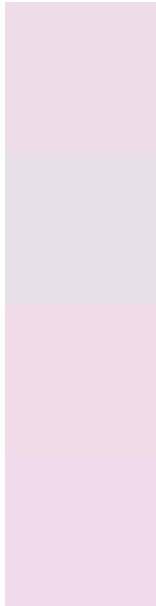
75.0807, 0.3206, 0.3137



Tritanopia

75.3027, 0.3157, 0.3106

Trichromacy



Original Color

75.4203, 0.3176, 0.3156

Protanomaly

75.7048, 0.3112, 0.3175

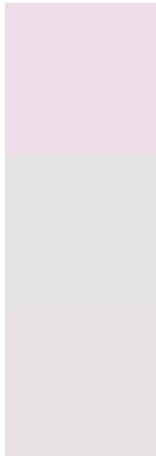
Deuteranomaly

75.4235, 0.3198, 0.3147

Tritanomaly

75.2444, 0.3164, 0.3116

Monochromacy



Original Color

75.4203, 0.3176, 0.3156

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9574, 0.3144, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4203, 0.3176, 0.3156 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, 220, 233)` looks like.

```
.text, #text, p{  
    color:rgb(239, 220, 233)  
}
```

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, 220, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 220, 233) }
```

Border

The CSS property to change the border of an element to Yxy 75.4203, 0.3176, 0.3156 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, 220, 233) }
```

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

```
.border{ border-color:rgb(239, 220, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 220, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 220, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 220, 233);  
box-shadow:4px 4px 4px 4px rgb(239, 220,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4203, 0.3176, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 220, 233) }
```

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

```
.background{ background-color: rgb(239,  
220, 233) }
```

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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