

Converting Colors

$Yxy(75.6601, 0.3166, 0.3153)$

Have a look what the booklet for
Yxy(75.6601, 0.3166, 0.3153)
contains.

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Color

Yxy(75.8306, 0.3162, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	EEDDEA
RGB	238, 221, 234
RGB Percent	93%, 87%, 92%
CMY	0.0665, 0.1333, 0.0824
CMYK	0.00, 0.07, 0.02, 0.07
HSL	314°, 33%, 90%
HSV	314°, 7%, 93%
XYZ	75.9748, 75.8306, 88.4690
YIQ	227.5650, 5.9590, 7.6470

Conversions

Conversions Part 2

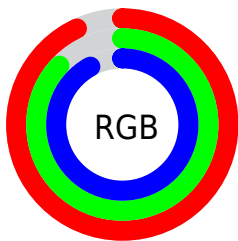
Format	Color
R _Y B	238, 221, 234
Decimal	15654378
CIE Lab	89.78, 8.08, -4.25
CIE LCh	90, 9.128, 332.277
Yxy	75.8306, 0.3162, 0.3156
Android (android.graphics.Color)	4293844458 (0xFFEEDDEA)
YUV	227.5650, 3.1725, 9.1515
Hunter-Lab	87.0808, 3.3433, 0.7213

Details

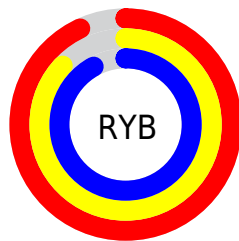
The Yxy color **75.8306, 0.3162, 0.3156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.9781, 0.3094, 0.3428**, and the grayscale version is **77.2265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4319, 0.3172, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **63.8239, 0.3218, 0.2962**, and if you desaturate by 10%, it is **89.6361, 0.3114, 0.3342**.

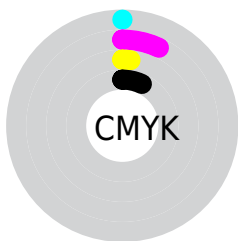
Distribution



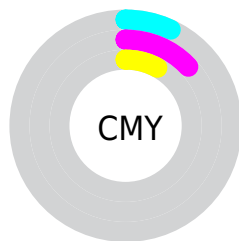
- Red (93%)
- Green (87%)
- Blue (92%)



- Red (93%)
- Yellow (87%)
- Blue (92%)



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





- Cyan (7%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8306, 0.3162, 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 75.8306, 0.3162, 0.3156 by changing the saturation by 10% instead.


 75.8306, 0.3162,
0.3156

 75.8306, 0.3162,
0.3156


480.7676, 0.3146,
0.3217

 56.2936, 0.3165,
0.3142


127.4874, 0.3157,
0.3177

 40.4384, 0.3170,
0.3126


160.3760, 0.3155,
0.3185

 27.8805, 0.3175,
0.3104


198.4840, 0.3153,
0.3192

 18.2356, 0.3182,
0.3077

242.1957, 0.3151,
0.3198

 11.1193, 0.3191,
0.3040

291.8955, 0.3150,
0.3204

 6.1471, 0.3204,
0.2988

347.9678, 0.3148,

 2.9347, 0.3223,

0.3209

0.2909

410.7971, 0.3147,
0.3213

■ 1.0978, 0.3255,
0.2774

■ 0.0000, 0.3917,
0.0000

■ 75.8306, 0.3162,
0.3156

■ 75.8306, 0.3162,
0.3156

■ 63.8239, 0.3218,
0.2962

■ 89.6361, 0.3114,
0.3342

■ 53.5316, 0.3282,
0.2764

■ 96.3126, 0.3078,
0.3386

■ 44.8769, 0.3355,
0.2568

■ 96.6631, 0.3046,
0.3330

■ 37.7735, 0.3437,
0.2381

■ 96.9229, 0.3024,
0.3290

■ 32.1271, 0.3526,
0.2215

■ 27.8333, 0.3620,
0.2080

■ 24.7734, 0.3717,
0.1984

■ 22.8082, 0.3812,
0.1936

■ 21.7574, 0.3904,
0.1935

Harmonies

Analogous

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



75.8306, 0.3053, 0.3111



75.8306, 0.3162, 0.3156



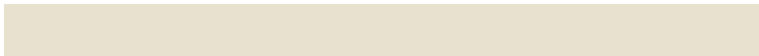
75.8306, 0.3263, 0.3235

Triad

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



75.8306, 0.3162, 0.3156



75.8306, 0.3290, 0.3470



75.8306, 0.2930, 0.3245

Complementary

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



75.8306, 0.3162, 0.3156



81.9781, 0.3094, 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.



75.8306, 0.2992, 0.3345



75.8306, 0.3162, 0.3156



75.8306, 0.3199, 0.3476

Square

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



75.8306, 0.3162, 0.3156



75.8306, 0.3338, 0.3416



75.8306, 0.3090, 0.3430



75.8306, 0.2921, 0.3160

Rectangle

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



75.8306, 0.3162, 0.3156



75.8306, 0.3312, 0.3298



75.8306, 0.3090, 0.3430



75.8306, 0.2946, 0.3278

Sweetspot

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



75.8339, 0.3162, 0.3156



96.7115, 0.3137, 0.3253



73.8887, 0.3045, 0.3110



20.7347, 0.3136, 0.3255



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.



75.8339, 0.3162, 0.3156



85.8759, 0.3172, 0.3120



75.3594, 0.3219, 0.3243



15.9636, 0.3174, 0.3112



12.0367, 0.3917, 0.1931



1.0166, 0.3804, 0.1869

Inverse Universe

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



75.8339, 0.3162, 0.3156



85.8759, 0.3172, 0.3120



82.4512, 0.3043, 0.3338



15.9636, 0.3174, 0.3112



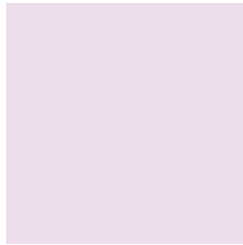
12.0367, 0.3917, 0.1931



1.0166, 0.3804, 0.1869

Previews

White Background



This preview shows how the Yxy color 75.8306, 0.3162, 0.3156 looks on a white background.

Color Contrast Check

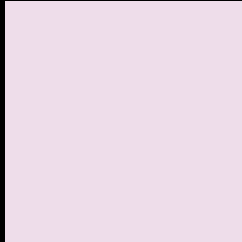
Large Text (above 18pt) WCAG AA × Fail

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 75.8306, 0.3162, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

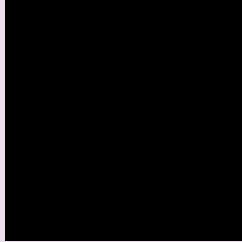
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

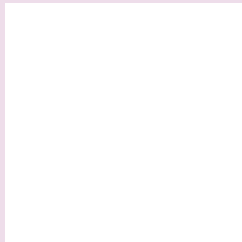
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8306, 0.3162, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 75.8306, 0.3162, 0.3156.

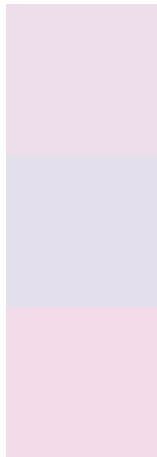


This preview shows how white text looks on a background with the Yxy color 75.8306, 0.3162, 0.3156.

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

75.8306, 0.3162, 0.3156

Protanopia

75.6983, 0.3071, 0.3164

Deuteranopia

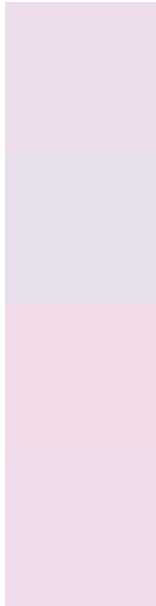
75.8366, 0.3206, 0.3137



Tritanopia

75.7102, 0.3143, 0.3105

Trichromacy



Original Color

75.8306, 0.3162, 0.3156

Protanomaly

75.7624, 0.3105, 0.3165

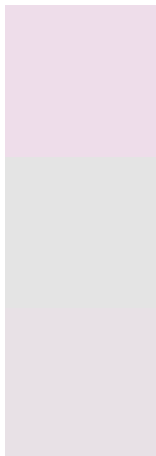
Deuteranomaly

76.0042, 0.3191, 0.3147

Tritanomaly

75.6515, 0.3149, 0.3116

Monochromacy



Original Color

75.8306, 0.3162, 0.3156

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.7194, 0.3144, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8306, 0.3162, 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(238, 221, 234)` looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 234)  
}
```

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(238, 221, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 234) }
```

Border

The CSS property to change the border of an element to Yxy 75.8306, 0.3162, 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(238, 221, 234) }
```

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

```
.border{ border-color:rgb(238, 221, 234) }
```

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

Here you see how a box with a 4 pixel rgb(238, 221, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 221, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 221, 234);  
box-shadow:4px 4px 4px 4px rgb(238, 221,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8306, 0.3162, 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(238, 221, 234) }
```

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

```
.background{ background-color: rgb(238,  
221, 234) }
```

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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