

Converting Colors

$Yxy(75.2622, 0.3218, 0.3234)$

Have a look what the booklet for
Yxy(75.2622, 0.3218, 0.3234)
contains.

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Color

Yxy(75.3810, 0.3215, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	EEDDE2
RGB	238, 221, 226
RGB Percent	93%, 87%, 89%
CMY	0.0667, 0.1333, 0.1136
CMYK	0.00, 0.07, 0.05, 0.07
HSL	342°, 33%, 90%
HSV	342°, 7%, 93%
XYZ	74.8456, 75.3810, 82.5746
YIQ	226.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

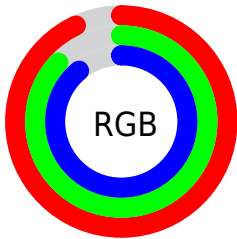
Format	Color
R _Y B	238, 221, 226
Decimal	15654370
CIE Lab	89.57, 6.67, -0.37
CIE LCh	90, 6.683, 356.852
Yxy	75.3810, 0.3215, 0.3238
Android (android.graphics.Color)	4293844450 (0xFFEEDDE2)
YUV	226.6530, -0.3219, 9.9513
Hunter-Lab	86.8222, 1.9379, 4.3863

Details

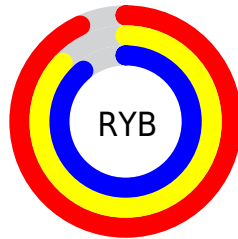
The Yxy color **75.3810, 0.3215, 0.3238** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.4022, 0.3046, 0.3343**, and the grayscale version is **76.5512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.1578, 0.3233, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **62.8185, 0.3362, 0.3161**, and if you desaturate by 10%, it is **89.8215, 0.3095, 0.3310**.

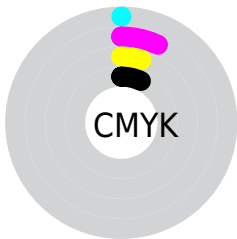
Distribution



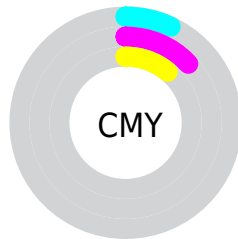
- Red (93%)
- Green (87%)
- Blue (89%)



- Red (93%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3810, 0.3215, 0.3238 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 75.3810, 0.3215, 0.3238 by changing the saturation by 10% instead.

 75.3810, 0.3215,
0.3238

 75.3810, 0.3215,
0.3238


479.2261, 0.3175,
0.3262

 55.9251, 0.3224,
0.3233


126.8515, 0.3201,
0.3246

 40.1429, 0.3235,
0.3226


159.6349, 0.3196,
0.3250

 27.6499, 0.3250,
0.3217


197.6296, 0.3191,
0.3252

 18.0619, 0.3268,
0.3206

241.2200, 0.3187,
0.3255

 10.9945, 0.3294,
0.3191

290.7904, 0.3183,
0.3257

 6.0631, 0.3330,
0.3170

346.7253, 0.3180,

 2.8835, 0.3387,

0.3259

0.3136

409.4091, 0.3177,
0.3260

■ 1.0712, 0.3488,
0.3077

■ 0.0000, 1.0000,
0.0000

■ 75.3810, 0.3215,
0.3238

■ 75.3810, 0.3215,
0.3238

■ 62.8185, 0.3362,
0.3161

■ 89.8215, 0.3095,
0.3310

■ 52.0470, 0.3543,
0.3081

■ 96.9167, 0.3023,
0.3290

■ 42.9874, 0.3762,
0.3000

■ 35.5505, 0.4027,
0.2924

■ 29.6394, 0.4336,
0.2862

■ 25.1464, 0.4685,
0.2823

■ 21.9499, 0.5055,
0.2820

■ 19.9071, 0.5417,
0.2863

■ 18.8343, 0.5735,
0.2951

Harmonies

Analogous

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



75.3810, 0.3138, 0.3183



75.3810, 0.3215, 0.3238



75.3810, 0.3268, 0.3307

Triad

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



75.3810, 0.3215, 0.3238



75.3810, 0.3194, 0.3428



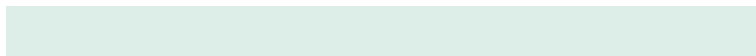
75.3810, 0.2973, 0.3205

Complementary

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



75.3810, 0.3215, 0.3238



82.4022, 0.3046, 0.3343

Split Complementary

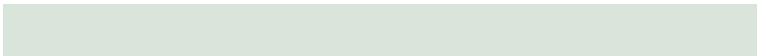
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3810, 0.2988, 0.3271



75.3810, 0.3215, 0.3238



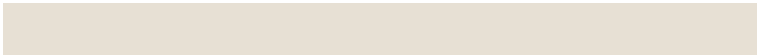
75.3810, 0.3115, 0.3401

Square

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



75.3810, 0.3215, 0.3238



75.3810, 0.3256, 0.3417



75.3810, 0.3039, 0.3343



75.3810, 0.2999, 0.3163

Rectangle

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



75.3810, 0.3215, 0.3238



75.3810, 0.3283, 0.3352



75.3810, 0.3039, 0.3343



75.3810, 0.2974, 0.3225

Sweetspot

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



75.3843, 0.3215, 0.3238



96.5598, 0.3151, 0.3276



75.1948, 0.3100, 0.3114



20.7038, 0.3149, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

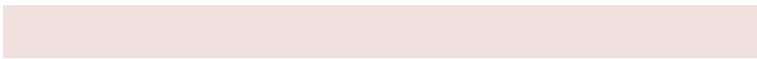
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3843, 0.3215, 0.3238



85.2235, 0.3241, 0.3224



76.9255, 0.3246, 0.3326



15.8357, 0.3247, 0.3220



10.4098, 0.5777, 0.2956



0.8828, 0.5404, 0.2751

Inverse Universe

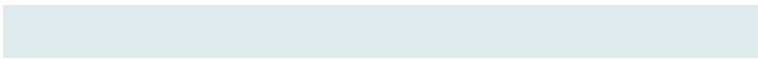
The Inverse Universe completely reimagines the original color for something new.



75.3843, 0.3215, 0.3238



85.2235, 0.3241, 0.3224



80.7329, 0.3017, 0.3254



15.8357, 0.3247, 0.3220



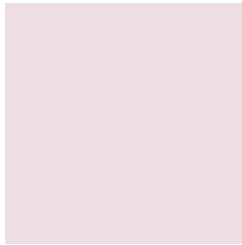
10.4098, 0.5777, 0.2956



0.8828, 0.5404, 0.2751

Previews

White Background



This preview shows how the Yxy color 75.3810, 0.3215, 0.3238 looks on a white background.

Color Contrast Check

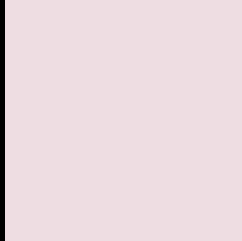
Large Text (above 18pt) WCAG AA × Fail

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 75.3810, 0.3215, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

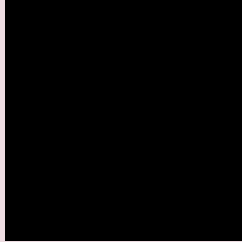
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

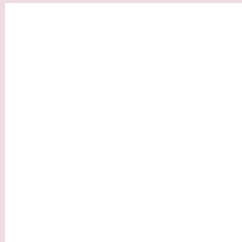
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3810, 0.3215, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 75.3810, 0.3215, 0.3238.

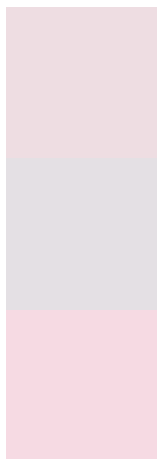


This preview shows how white text looks on a background with the Yxy color 75.3810, 0.3215, 0.3238.

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

75.3810, 0.3215, 0.3238

Protanopia

75.4067, 0.3129, 0.3248

Deuteranopia

75.2817, 0.3269, 0.3198



Tritanopia

75.3027, 0.3157, 0.3106

Trichromacy



Original Color

75.3810, 0.3215, 0.3238

Protanomaly

75.4772, 0.3164, 0.3248

Deuteranomaly

75.2638, 0.3246, 0.3208

Tritanomaly

75.4203, 0.3176, 0.3156

Monochromacy



Original Color

75.3810, 0.3215, 0.3238

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.3854, 0.3156, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3810, 0.3215, 0.3238 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 226)  
}
```

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, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 226) }
```

Border

The CSS property to change the border of an element to Yxy 75.3810, 0.3215, 0.3238 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, 226) }
```

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

```
.border{ border-color:rgb(238, 221, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 221, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 221, 226); box-shadow:4px 4px 4px 4px rgb(238, 221, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3810, 0.3215, 0.3238 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, 226) }
```

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

```
.background{ background-color: rgb(238,  
221, 226) }
```

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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