

Converting Colors

$Y_{xy}(75.7852, 0.3125, 0.3113)$

Have a look what the booklet for
Yxy(75.7852, 0.3125, 0.3113)
contains.

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Color

Yxy(75.8905, 0.3128, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	EDDDEE
RGB	237, 221, 238
RGB Percent	93%, 87%, 93%
CMY	0.0707, 0.1333, 0.0666
CMYK	0.00, 0.07, 0.00, 0.07
HSL	296°, 33%, 90%
HSV	296°, 7%, 93%
XYZ	76.2072, 75.8905, 91.5315
YIQ	227.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

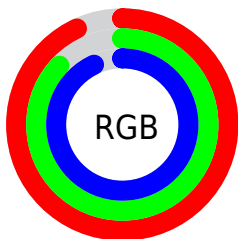
Format	Color
R _Y B	237, 221, 238
Decimal	15588846
CIE Lab	89.81, 8.43, -6.33
CIE LCh	90, 10.543, 323.118
Yxy	75.8905, 0.3128, 0.3115
Android (android.graphics.Color)	4293778926 (0xFFEDDDEE)
YUV	227.7220, 5.0671, 8.1368
Hunter-Lab	87.1152, 3.6980, -1.3151

Details

The Yxy color **75.8905, 0.3128, 0.3115** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.9190, 0.3126, 0.3471**, and the grayscale version is **77.3292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4736, 0.3128, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **63.9508, 0.3128, 0.2863**, and if you desaturate by 10%, it is **89.6205, 0.3127, 0.3358**.

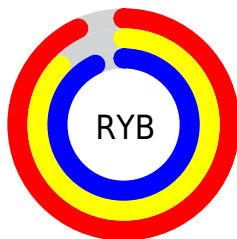
Distribution



Red (93%)

Green (87%)

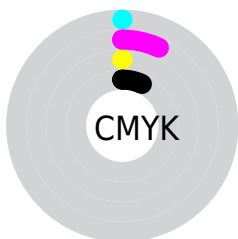
Blue (93%)



Red (93%)

Yellow (87%)

Blue (93%)

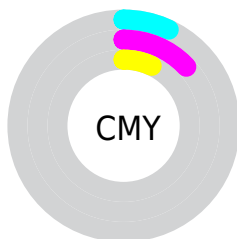


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (7%)


Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.8905, 0.3128, 0.3115 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 75.8905, 0.3128, 0.3115 by changing the saturation by 10% instead.


 75.8905, 0.3128,
0.3115

 75.8905, 0.3128,
0.3115


480.9728, 0.3128,
0.3194

 56.3427, 0.3128,
0.3097


127.5721, 0.3128,
0.3142

 40.4778, 0.3128,
0.3075


160.4747, 0.3128,
0.3153

 27.9113, 0.3127,
0.3048


198.5978, 0.3128,
0.3162

 18.2588, 0.3127,
0.3013

242.3256, 0.3128,
0.3170

 11.1359, 0.3126,
0.2966

292.0426, 0.3128,
0.3177

 6.1583, 0.3124,
0.2899

348.1332, 0.3128,

 2.9416, 0.3120,

0.3184

0.2798

410.9818, 0.3128,
0.3189

1.1013, 0.3109,
0.2627

0.0000, 0.3070,
0.0000

75.8905, 0.3128,
0.3115

75.8905, 0.3128,
0.3115

63.9508, 0.3128,
0.2863

89.6205, 0.3127,
0.3358

53.7171, 0.3126,
0.2608

96.2022, 0.3131,
0.3458


45.1128, 0.3123,
0.2358

96.4600, 0.3140,
0.3458


38.0517, 0.3117,
0.2123


96.7200, 0.3149,
0.3457


 32.4396, 0.3109,
0.1914

 96.9820, 0.3159,
0.3457


 28.1721, 0.3098,
0.1738


 97.2460, 0.3168,
0.3457


 25.1309, 0.3086,
0.1604

 97.5122, 0.3177,
0.3456

 23.1768, 0.3072,
0.1514

 97.7805, 0.3186,
0.3456

 22.1299, 0.3057,
0.1465

 98.0509, 0.3196,
0.3455

Harmonies

Analogous

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



75.8905, 0.3006, 0.3078



75.8905, 0.3128, 0.3115



75.8905, 0.3252, 0.3196

Triad

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



75.8905, 0.3128, 0.3115



75.8905, 0.3339, 0.3484



75.8905, 0.2916, 0.3272

Complementary

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



75.8905, 0.3128, 0.3115



81.9190, 0.3126, 0.3471

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.



75.8905, 0.3002, 0.3387



75.8905, 0.3128, 0.3115



75.8905, 0.3246, 0.3510

Square

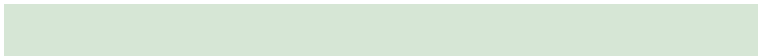
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8905, 0.3128, 0.3115



75.8905, 0.3375, 0.3407



75.8905, 0.3123, 0.3474



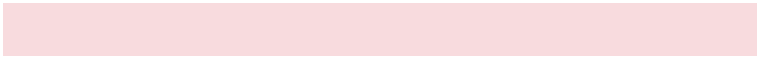
75.8905, 0.2886, 0.3166

Rectangle

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



75.8905, 0.3128, 0.3115



75.8905, 0.3318, 0.3265



75.8905, 0.3123, 0.3474



75.8905, 0.2939, 0.3311

Sweetspot

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



75.8938, 0.3128, 0.3115



96.7295, 0.3127, 0.3241



73.8700, 0.3017, 0.3121



20.7383, 0.3127, 0.3244



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.



75.8938, 0.3128, 0.3115



85.9539, 0.3128, 0.3068



75.6505, 0.3184, 0.3190



15.9789, 0.3128, 0.3057



12.2459, 0.3055, 0.1457



1.0337, 0.3077, 0.1469

Inverse Universe

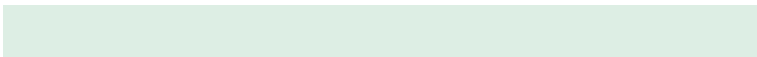
The Inverse Universe completely reimagines the original color for something new.



75.1781, 0.3242, 0.3279



84.9112, 0.3276, 0.3277



82.1553, 0.3074, 0.3392



15.7746, 0.3284, 0.3276



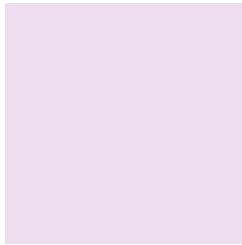
10.1659, 0.6335, 0.3264



0.8512, 0.6170, 0.3173

Previews

White Background



This preview shows how the Yxy color 75.8905, 0.3128, 0.3115 looks on a white background.

Color Contrast Check

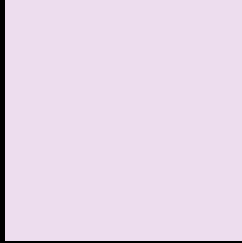
Large Text (above 18pt) WCAG AA × Fail

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 75.8905, 0.3128, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

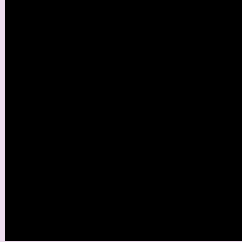
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

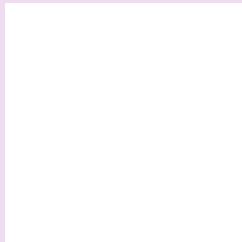
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8905, 0.3128, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 75.8905, 0.3128, 0.3115.

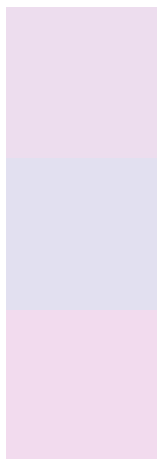


This preview shows how white text looks on a background with the Yxy color 75.8905, 0.3128, 0.3115.

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

75.8905, 0.3128, 0.3115

Protanopia

75.7713, 0.3039, 0.3122

Deuteranopia

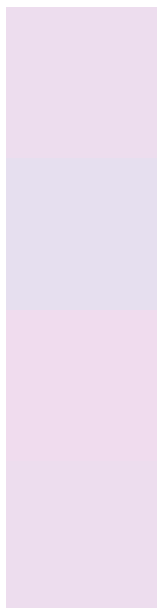
75.7133, 0.3165, 0.3096



Tritanopia

75.8905, 0.3128, 0.3115

Trichromacy



Original Color

75.8905, 0.3128, 0.3115

Protanomaly

75.8303, 0.3073, 0.3123

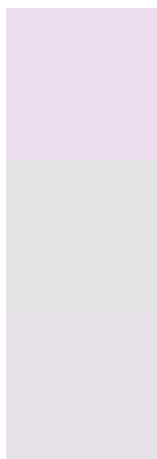
Deuteranomaly

75.8847, 0.3150, 0.3106

Tritanomaly

75.8905, 0.3128, 0.3115

Monochromacy



Original Color

75.8905, 0.3128, 0.3115

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.6655, 0.3124, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8905, 0.3128, 0.3115 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, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(237, 221, 238)  
}
```

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, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 221, 238) }
```

Border

The CSS property to change the border of an element to Yxy 75.8905, 0.3128, 0.3115 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, 221, 238) }
```

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

```
.border{ border-color:rgb(237, 221, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(237, 221,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8905, 0.3128, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 221, 238) }
```

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

```
.background{ background-color: rgb(237,  
221, 238) }
```

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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