

Converting Colors

$Y_{xy}(75.2513, 0.3115, 0.3094)$

Have a look what the booklet for
Yxy(75.2513, 0.3115, 0.3094)
contains.

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Color

Yxy(75.2513, 0.3115, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	ECDCEF
RGB	236, 220, 239
RGB Percent	93%, 86%, 94%
CMY	0.0746, 0.1372, 0.0627
CMYK	0.01, 0.08, 0.00, 0.06
HSL	290°, 37%, 90%
HSV	290°, 8%, 94%
XYZ	75.7621, 75.2513, 92.2035
YIQ	226.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

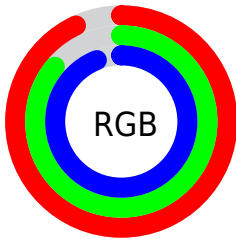
Format	Color
R _Y B	236, 220, 239
Decimal	15523055
CIE Lab	89.51, 8.81, -7.30
CIE LCh	90, 11.443, 320.350
Yxy	75.2513, 0.3115, 0.3094
Android (android.graphics.Color)	4293713135 (0xFFECDCEF)
YUV	226.9500, 5.9407, 7.9369
Hunter-Lab	86.7475, 4.0871, -2.2958

Details

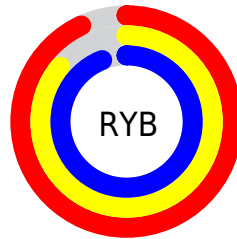
The Yxy color **75.2513, 0.3115, 0.3094** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.6043, 0.3138, 0.3491**, and the grayscale version is **76.7328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0325, 0.3111, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **62.9458, 0.3096, 0.2838**, and if you desaturate by 10%, it is **89.3708, 0.3130, 0.3339**.

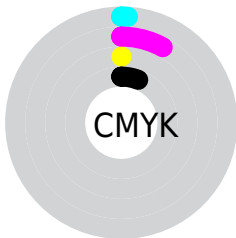
Distribution



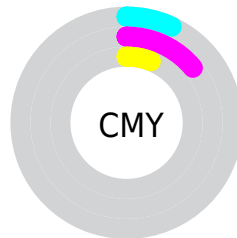
- Red (93%)
- Green (86%)
- Blue (94%)



- Red (93%)
- Yellow (86%)
- Blue (94%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)





- Cyan (7%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2513, 0.3115, 0.3094 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 75.2513, 0.3115, 0.3094 by changing the saturation by 10% instead.


 75.2513, 0.3115,
0.3094

 75.2513, 0.3115,
0.3094


478.7809, 0.3121,
0.3183

 55.8188, 0.3113,
0.3074


126.6680, 0.3117,
0.3125

 40.0577, 0.3112,
0.3050


159.4210, 0.3118,
0.3136

 27.5835, 0.3109,
0.3019


197.3830, 0.3119,
0.3147

 18.0119, 0.3105,
0.2980

240.9383, 0.3119,
0.3156

 10.9586, 0.3100,
0.2927

290.4713, 0.3120,
0.3164

 6.0390, 0.3093,
0.2852

346.3665, 0.3120,

 2.8688, 0.3079,

0.3171

0.2739

409.0082, 0.3121,
0.3177

■ 1.0636, 0.3052,
0.2549

■ 0.0000, 0.2660,
0.0000

■ 75.2513, 0.3115,
0.3094

■ 75.2513, 0.3115,
0.3094

■ 62.9458, 0.3096,
0.2838

■ 89.3708, 0.3130,
0.3339

■ 52.3689, 0.3073,
0.2575

■ 96.9163, 0.3148,
0.3447

■ 43.4425, 0.3045,
0.2315

■ 97.6042, 0.3172,
0.3446

■ 36.0790, 0.3013,
0.2067

■ 98.3064, 0.3196,
0.3445

■ 30.1822, 0.2976,
0.1842

■ 99.0129, 0.3220,
0.3444

■ 25.6458, 0.2937,
0.1649

■ 22.3486, 0.2895,
0.1497

■ 20.1478, 0.2853,
0.1391

■ 18.8478, 0.2811,
0.1328

Harmonies

Analogous

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



75.2513, 0.2985, 0.3059



75.2513, 0.3115, 0.3094



75.2513, 0.3251, 0.3178

Triad

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



75.2513, 0.3115, 0.3094



75.2513, 0.3364, 0.3495



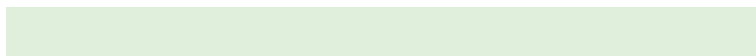
75.2513, 0.2904, 0.3282

Complementary

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



75.2513, 0.3115, 0.3094



82.6043, 0.3138, 0.3491

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.



75.2513, 0.3002, 0.3406



75.2513, 0.3115, 0.3094



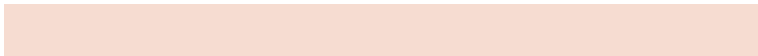
75.2513, 0.3268, 0.3530

Square

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



75.2513, 0.3115, 0.3094



75.2513, 0.3397, 0.3407



75.2513, 0.3135, 0.3497



75.2513, 0.2865, 0.3164

Rectangle

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



75.2513, 0.3115, 0.3094



75.2513, 0.3326, 0.3252



75.2513, 0.3135, 0.3497



75.2513, 0.2931, 0.3325

Sweetspot

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



75.2545, 0.3115, 0.3094



96.6351, 0.3124, 0.3241



74.3205, 0.3004, 0.3121



20.7191, 0.3124, 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.



75.2545, 0.3115, 0.3094



84.0321, 0.3111, 0.3041



75.4101, 0.3178, 0.3159



15.8963, 0.3112, 0.3056



10.3437, 0.2809, 0.1321



0.8944, 0.2865, 0.1352

Inverse Universe

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



74.8752, 0.3243, 0.3259



83.4915, 0.3277, 0.3250



82.4689, 0.3079, 0.3424



15.8000, 0.3268, 0.3253



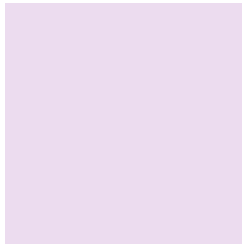
10.2312, 0.6172, 0.3174



0.8633, 0.5845, 0.2994

Previews

White Background



This preview shows how the Yxy color 75.2513, 0.3115, 0.3094 looks on a white background.

Color Contrast Check

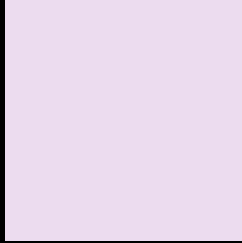
Large Text (above 18pt) WCAG AA × Fail

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 75.2513, 0.3115, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

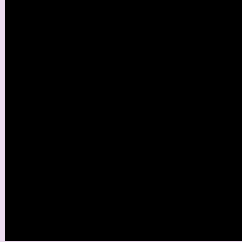
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

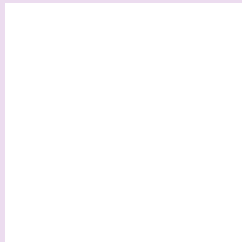
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2513, 0.3115, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 75.2513, 0.3115, 0.3094.



This preview shows how white text looks on a background with the Yxy color 75.2513, 0.3115, 0.3094.

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

75.2513, 0.3115, 0.3094

Protanopia

75.5095, 0.3019, 0.3111

Deuteranopia

74.9001, 0.3144, 0.3075



Tritanopia

75.1923, 0.3122, 0.3104

Trichromacy



Original Color

75.2513, 0.3115, 0.3094

Protanomaly

75.5606, 0.3052, 0.3112

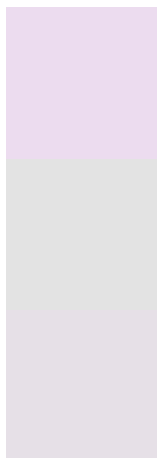
Deuteranomaly

75.2458, 0.3137, 0.3085

Tritanomaly

75.1923, 0.3122, 0.3104

Monochromacy



Original Color

75.2513, 0.3115, 0.3094

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9038, 0.3124, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2513, 0.3115, 0.3094 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(236, 220, 239)` looks like.

```
.text, #text, p{  
  color:rgb(236, 220, 239)  
}
```

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(236, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 220, 239) }
```

Border

The CSS property to change the border of an element to Yxy 75.2513, 0.3115, 0.3094 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(236, 220, 239) }
```

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

```
.border{ border-color:rgb(236, 220, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 220, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 220, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 220, 239);  
box-shadow:4px 4px 4px 4px rgb(236, 220,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2513, 0.3115, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 220, 239) }
```

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

```
.background{ background-color: rgb(236,  
220, 239) }
```

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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