

Converting Colors

$Y_{xy}(79.3838, 0.3215, 0.3199)$

Have a look what the booklet for
Yxy(79.3838, 0.3215, 0.3199)
contains.

Yxy(79.3838, 0.3215, 0.3199)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.3838, 0.3215, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	F6E1EA
RGB	246, 225, 234
RGB Percent	96%, 88%, 92%
CMY	0.0354, 0.1176, 0.0822
CMYK	0.00, 0.09, 0.05, 0.04
HSL	334°, 54%, 92%
HSV	334°, 9%, 96%
XYZ	79.7808, 79.3838, 88.9873
YIQ	232.3050, 9.6270, 7.2510

Conversions

Conversions Part 2

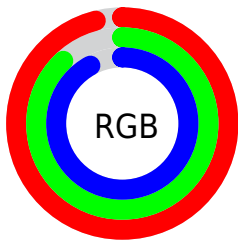
Format	Color
R_{YB}	246, 225, 234
Decimal	16179690
CIE Lab	91.41, 8.69, -1.80
CIE LCh	91, 8.875, 348.267
Yxy	79.3838, 0.3215, 0.3199
Android (android.graphics.Color)	4294369770 (0xFF6E1EA)
YUV	232.3050, 0.8356, 12.0105
Hunter-Lab	89.0976, 3.9139, 3.1517

Details

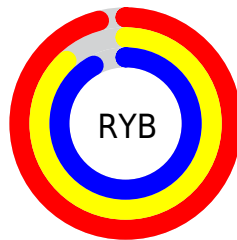
The Yxy color **79.3838, 0.3215, 0.3199** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.0191, 0.3047, 0.3383**, and the grayscale version is **80.9264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9110, 0.3241, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **66.2575, 0.3339, 0.3086**, and if you desaturate by 10%, it is **94.4965, 0.3113, 0.3305**.

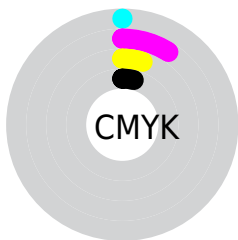
Distribution



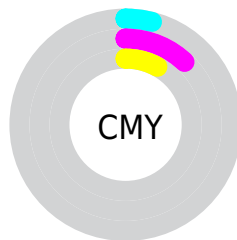
- Red (96%)
- Green (88%)
- Blue (92%)



- Red (96%)
- Yellow (88%)
- Blue (92%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3838, 0.3215, 0.3199 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 79.3838, 0.3215, 0.3199 by changing the saturation by 10% instead.

 79.3838, 0.3215,
0.3199

 79.3838, 0.3215,
0.3199


492.8538, 0.3175,
0.3240

 59.2114, 0.3224,
0.3190


132.4990, 0.3201,
0.3213

 42.7833, 0.3235,
0.3178


166.2107, 0.3196,
0.3219

 29.7152, 0.3249,
0.3164


205.2042, 0.3191,
0.3224

 19.6225, 0.3267,
0.3146

249.8640, 0.3187,
0.3228

 12.1209, 0.3291,
0.3121

300.5745, 0.3184,
0.3231

 6.8261, 0.3324,
0.3087

357.7200, 0.3181,

 3.3536, 0.3376,

0.3235

0.3035

421.6849, 0.3178,
0.3238

■ 1.3190, 0.3465,
0.2946

■ 0.1558, 0.4437,
0.1919

■ 79.3838, 0.3215,
0.3199

■ 79.3838, 0.3215,
0.3199

■ 66.2575, 0.3339,
0.3086

■ 94.4965, 0.3113,
0.3305

■ 55.0241, 0.3488,
0.2970

■ 98.3290, 0.3072,
0.3290

■ 45.5983, 0.3668,
0.2853

■ 37.8841, 0.3880,
0.2744

■ 31.7762, 0.4125,
0.2651

■ 27.1580, 0.4399,
0.2586

■ 23.8965, 0.4689,
0.2564

■ 21.8350, 0.4981,
0.2594

■ 20.7500, 0.5255,
0.2676

Harmonies

Analogous

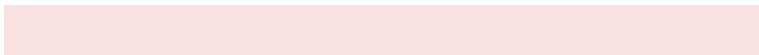
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3838, 0.3111, 0.3137



79.3838, 0.3215, 0.3199



79.3838, 0.3296, 0.3285

Triad

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



79.3838, 0.3215, 0.3199



79.3838, 0.3241, 0.3472



79.3838, 0.2927, 0.3201

Complementary

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



79.3838, 0.3215, 0.3199



88.0191, 0.3047, 0.3383

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.



79.3838, 0.2961, 0.3291



79.3838, 0.3215, 0.3199



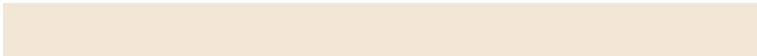
79.3838, 0.3141, 0.3450

Square

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



79.3838, 0.3215, 0.3199



79.3838, 0.3311, 0.3443



79.3838, 0.3038, 0.3384



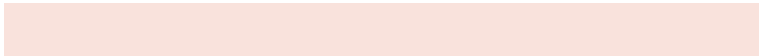
79.3838, 0.2946, 0.3136

Rectangle

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



79.3838, 0.3215, 0.3199



79.3838, 0.3326, 0.3346



79.3838, 0.3038, 0.3384



79.3838, 0.2933, 0.3229

Sweetspot

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



79.3873, 0.3215, 0.3199



94.9384, 0.3156, 0.3259



78.4940, 0.3075, 0.3077



20.0384, 0.3165, 0.3250



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

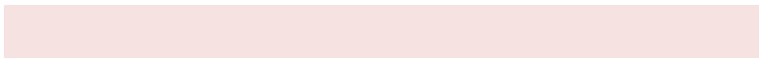
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3873, 0.3215, 0.3199



83.8955, 0.3232, 0.3183



79.6403, 0.3274, 0.3305



16.6010, 0.3226, 0.3189



11.0393, 0.5253, 0.2668



0.9904, 0.4936, 0.2493

Inverse Universe

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



79.3873, 0.3215, 0.3199



83.8955, 0.3232, 0.3183



87.7130, 0.2995, 0.3275



16.6010, 0.3226, 0.3189



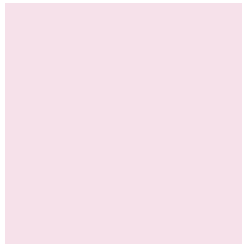
11.0393, 0.5253, 0.2668



0.9904, 0.4936, 0.2493

Previews

White Background



This preview shows how the Yxy color 79.3838, 0.3215, 0.3199 looks on a white background.

Color Contrast Check

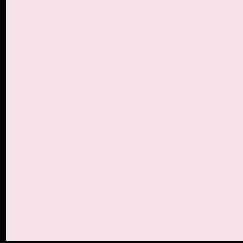
Large Text (above 18pt) WCAG AA × Fail

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 79.3838, 0.3215, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

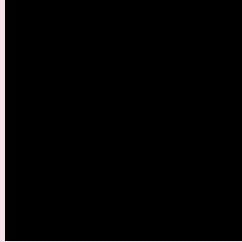
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

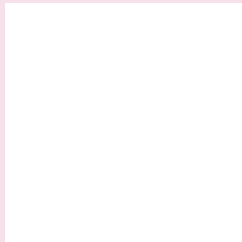
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.3838, 0.3215, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 79.3838, 0.3215, 0.3199.

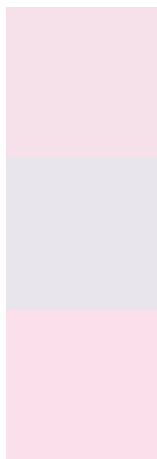


This preview shows how white text looks on a background with the Yxy color 79.3838, 0.3215, 0.3199.

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

79.3838, 0.3215, 0.3199

Protanopia

79.4184, 0.3110, 0.3218

Deuteranopia

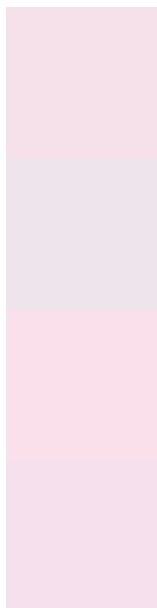
79.2251, 0.3252, 0.3180



Tritanopia

79.4363, 0.3177, 0.3120

Trichromacy



Original Color

79.3838, 0.3215, 0.3199

Protanomaly

79.6621, 0.3151, 0.3218

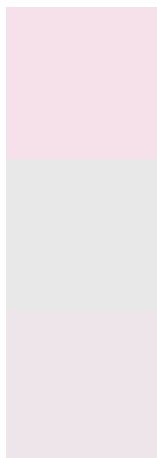
Deuteranomaly

79.3916, 0.3237, 0.3190

Tritanomaly

79.2585, 0.3197, 0.3150

Monochromacy



Original Color

79.3838, 0.3215, 0.3199

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.9263, 0.3157, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3838, 0.3215, 0.3199 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(246, 225, 234)` looks like.

```
.text, #text, p{  
    color:rgb(246, 225, 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(246, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 225, 234) }
```

Border

The CSS property to change the border of an element to Yxy 79.3838, 0.3215, 0.3199 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(246, 225, 234) }
```

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

```
.border{ border-color:rgb(246, 225, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 225, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(246, 225,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3838, 0.3215, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 225, 234) }
```

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

```
.background{ background-color: rgb(246,  
225, 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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