

Converting Colors

$Y_{xy}(79.8510, 0.3218, 0.3183)$

Have a look what the booklet for
Yxy(79.8510, 0.3218, 0.3183)
contains.

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Color

Yxy(79.8630, 0.3216, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	F8E1EC
RGB	248, 225, 236
RGB Percent	97%, 88%, 93%
CMY	0.0276, 0.1176, 0.0745
CMYK	0.00, 0.09, 0.05, 0.03
HSL	331°, 62%, 93%
HSV	331°, 9%, 97%
XYZ	80.7671, 79.8630, 90.5114
YIQ	233.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

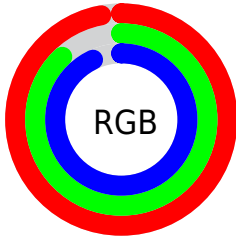
Format	Color
R _Y B	248, 225, 236
Decimal	16310764
CIE Lab	91.62, 9.70, -2.49
CIE LCh	92, 10.011, 345.573
Yxy	79.8630, 0.3216, 0.3180
Android (android.graphics.Color)	4294500844 (0xFF8E1EC)
YUV	233.1310, 1.4144, 13.0401
Hunter-Lab	89.3661, 4.9337, 2.5064

Details

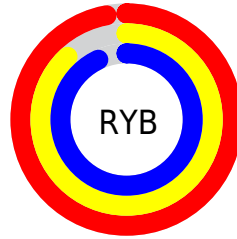
The Yxy color **79.8630, 0.3216, 0.3180** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.2382, 0.3047, 0.3403**, and the grayscale version is **81.5720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2512, 0.3242, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **66.6927, 0.3331, 0.3055**, and if you desaturate by 10%, it is **95.0417, 0.3121, 0.3299**.

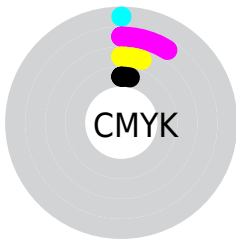
Distribution



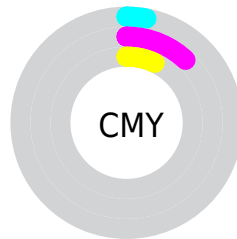
- Red (97%)
- Green (88%)
- Blue (93%)



- Red (97%)
- Yellow (88%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (3%)





- Cyan (3%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.8630, 0.3216, 0.3180 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 79.8630, 0.3216, 0.3180 by changing the saturation by 10% instead.

 79.8630, 0.3216,
0.3180

 79.8630, 0.3216,
0.3180

494.4710, 0.3176,
0.3230

 59.6056, 0.3225,
0.3169


133.1731, 0.3202,
0.3197

 43.1008, 0.3236,
0.3155


166.9946, 0.3197,
0.3204

 29.9642, 0.3250,
0.3138


206.1063, 0.3192,
0.3210

 19.8114, 0.3268,
0.3116


250.8925, 0.3188,
0.3215

 12.2581, 0.3292,
0.3087

301.7377, 0.3184,
0.3219

 6.9197, 0.3325,
0.3046

359.0263, 0.3181,

 3.4119, 0.3376,

0.3223

0.2984

423.1426, 0.3178,
0.3227

■ 1.3504, 0.3463,
0.2881

■ 0.1797, 0.4257,
0.1877

■ 79.8630, 0.3216,
0.3180

■ 79.8630, 0.3216,
0.3180

■ 66.6927, 0.3331,
0.3055

■ 95.0417, 0.3121,
0.3299

■ 55.4355, 0.3470,
0.2926

■ 98.6903, 0.3084,
0.3290

■ 46.0042, 0.3636,
0.2797

■ 38.3007, 0.3830,
0.2676

■ 32.2173, 0.4053,
0.2573

■ 27.6343, 0.4299,
0.2501

■ 24.4153, 0.4561,
0.2472

■ 22.3984, 0.4823,
0.2496

■ 21.3366, 0.5073,
0.2572

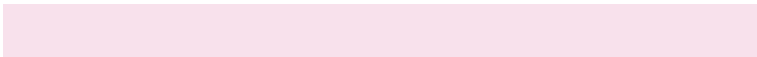
Harmonies

Analogous

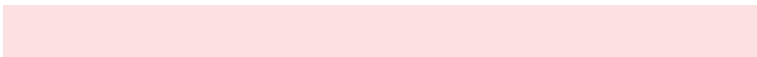
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8630, 0.3098, 0.3113



79.8630, 0.3216, 0.3180



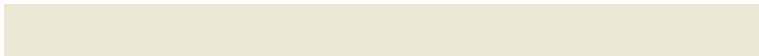
79.8630, 0.3311, 0.3275

Triad

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



79.8630, 0.3216, 0.3180



79.8630, 0.3264, 0.3494



79.8630, 0.2903, 0.3197

Complementary

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



79.8630, 0.3216, 0.3180



89.2382, 0.3047, 0.3403

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.



79.8630, 0.2946, 0.3301



79.8630, 0.3216, 0.3180



79.8630, 0.3153, 0.3476

Square

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



79.8630, 0.3216, 0.3180



79.8630, 0.3339, 0.3457



79.8630, 0.3037, 0.3404



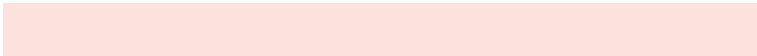
79.8630, 0.2919, 0.3121

Rectangle

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



79.8630, 0.3216, 0.3180



79.8630, 0.3348, 0.3343



79.8630, 0.3037, 0.3404



79.8630, 0.2911, 0.3230

Sweetspot

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



79.8665, 0.3216, 0.3180



94.9615, 0.3154, 0.3255



78.6184, 0.3062, 0.3057



20.0446, 0.3162, 0.3246



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

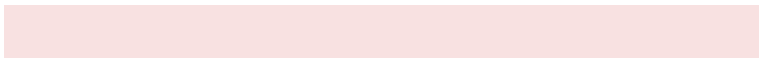
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8665, 0.3216, 0.3180



82.4841, 0.3235, 0.3158



79.4548, 0.3289, 0.3294



17.3635, 0.3219, 0.3177



11.5234, 0.5054, 0.2558



1.0886, 0.4776, 0.2404

Inverse Universe

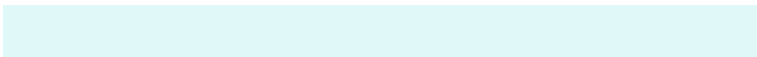
The Inverse Universe completely reimagines the original color for something new.



79.8665, 0.3216, 0.3180



82.4841, 0.3235, 0.3158



89.6648, 0.2984, 0.3286



17.3635, 0.3219, 0.3177



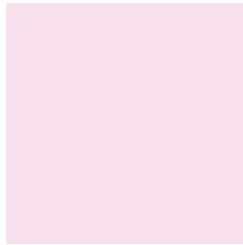
11.5234, 0.5054, 0.2558



1.0886, 0.4776, 0.2404

Previews

White Background



This preview shows how the Yxy color 79.8630, 0.3216, 0.3180 looks on a white background.

Color Contrast Check

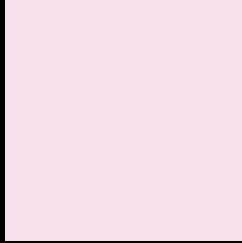
Large Text (above 18pt) WCAG AA × Fail

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 79.8630, 0.3216, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

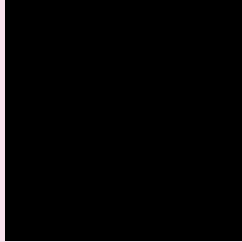
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.8630, 0.3216, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 79.8630, 0.3216, 0.3180.

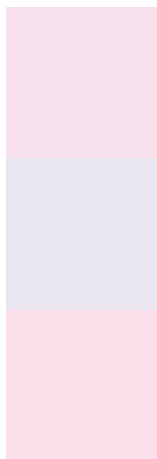


This preview shows how white text looks on a background with the Yxy color 79.8630, 0.3216, 0.3180.

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

79.8630, 0.3216, 0.3180

Protanopia

80.1493, 0.3091, 0.3197

Deuteranopia

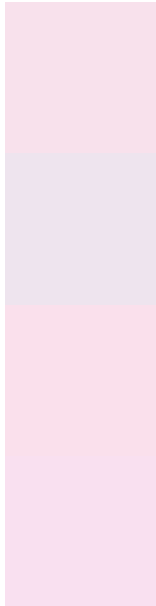
79.8767, 0.3238, 0.3171



Tritanopia

79.8619, 0.3184, 0.3111

Trichromacy



Original Color

79.8630, 0.3216, 0.3180

Protanomaly

79.8370, 0.3132, 0.3188

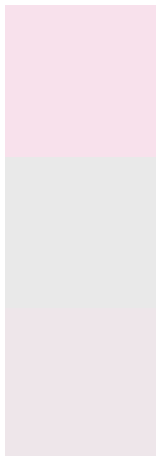
Deuteranomaly

79.6914, 0.3231, 0.3170

Tritanomaly

79.7423, 0.3198, 0.3130

Monochromacy



Original Color

79.8630, 0.3216, 0.3180

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.7113, 0.3156, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.8630, 0.3216, 0.3180 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(248, 225, 236)` looks like.

```
.text, #text, p{  
    color:rgb(248, 225, 236)  
}
```

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(248, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 225, 236) }
```

Border

The CSS property to change the border of an element to Yxy 79.8630, 0.3216, 0.3180 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(248, 225, 236) }
```

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

```
.border{ border-color:rgb(248, 225, 236) }
```

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

Here you see how a box with a 4 pixel rgb(248, 225, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 225, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 225, 236);  
box-shadow:4px 4px 4px 4px rgb(248, 225,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 79.8630, 0.3216, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 225, 236) }
```

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

```
.background{ background-color: rgb(248,  
225, 236) }
```

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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