

Converting Colors

$Yxy(81.9812, 0.3139, 0.3202)$

Have a look what the booklet for
Yxy(81.9812, 0.3139, 0.3202)
contains.

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Color

Yxy(82.1439, 0.3138, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	F1E7F0
RGB	241, 231, 240
RGB Percent	95%, 91%, 94%
CMY	0.0550, 0.0941, 0.0588
CMYK	0.00, 0.04, 0.00, 0.05
HSL	306°, 26%, 93%
HSV	306°, 4%, 95%
XYZ	80.5775, 82.1439, 94.0585
YIQ	235.0160, 3.0710, 4.9190

Conversions

Conversions Part 2

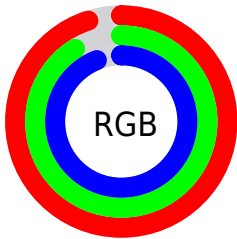
Format	Color
R _Y B	241, 231, 240
Decimal	15853552
CIE Lab	92.64, 4.95, -3.17
CIE LCh	93, 5.878, 327.368
Yxy	82.1439, 0.3138, 0.3199
Android (android.graphics.Color)	4294043632 (0xFF1E7F0)
YUV	235.0160, 2.4571, 5.2480
Hunter-Lab	90.6333, 0.0873, 1.9126

Details

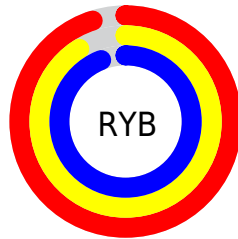
The Yxy color $82.1439, 0.3138, 0.3199$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $85.7175, 0.3116, 0.3383$, and the grayscale version is $83.0713, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.4349, 0.3141, 0.3173$ is the 20% darker color. If you saturate the color by 10%, you get $69.4346, 0.3167, 0.2973$, and if you desaturate by 10%, it is $96.6505, 0.3113, 0.3414$.

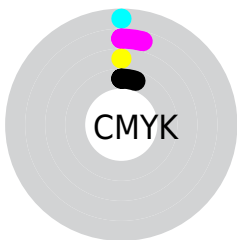
Distribution



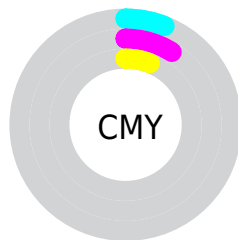
- Red (95%)
- Green (91%)
- Blue (94%)



- Red (95%)
- Yellow (91%)
- Blue (94%)



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




- Cyan (6%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1439, 0.3138, 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 82.1439, 0.3138, 0.3199 by changing the saturation by 10% instead.


 82.1439, 0.3138,
0.3199

 82.1439, 0.3138,
0.3199


502.1289, 0.3133,
0.3240

 61.4842, 0.3139,
0.3190


136.3758, 0.3136,
0.3213

 44.6160, 0.3140,
0.3179


170.7167, 0.3136,
0.3219

 31.1551, 0.3142,
0.3165


210.3868, 0.3135,
0.3223

 20.7170, 0.3144,
0.3147

255.7705, 0.3135,
0.3227

 12.9173, 0.3146,
0.3123

307.2522, 0.3134,
0.3231

 7.3716, 0.3150,
0.3090

365.2162, 0.3134,

 3.6956, 0.3155,

0.3234

0.3040

430.0470, 0.3134,
0.3237

■ 1.5048, 0.3162,
0.2957

■ 0.2921, 0.3239,
0.2374

■ 82.1439, 0.3138,
0.3199

■ 82.1439, 0.3138,
0.3199

■ 69.4346, 0.3167,
0.2973

■ 96.6505, 0.3113,
0.3414

■ 58.5053, 0.3198,
0.2743

■ 96.7924, 0.3099,
0.3391

■ 49.2790, 0.3233,
0.2516

■ 96.9360, 0.3086,
0.3368

■ 41.6690, 0.3270,
0.2300

■ 97.0814, 0.3073,
0.3345

■ 35.5809, 0.3309,
0.2104

■ 97.2286, 0.3060,
0.3322

■ 30.9104, 0.3348,
0.1940

■ 97.3777, 0.3047,
0.3299

■ 27.5404, 0.3387,
0.1814

■ 97.4383, 0.3041,
0.3290

■ 25.3349, 0.3423,
0.1732

■ 24.1278, 0.3456,
0.1695

Harmonies

Analogous

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



82.1439, 0.3070, 0.3175



82.1439, 0.3138, 0.3199



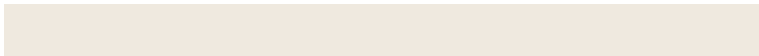
82.1439, 0.3203, 0.3247

Triad

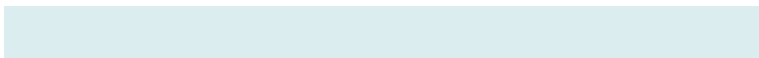
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1439, 0.3138, 0.3199



82.1439, 0.3237, 0.3399



82.1439, 0.3008, 0.3273

Complementary

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



82.1439, 0.3138, 0.3199



85.7175, 0.3116, 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.



82.1439, 0.3051, 0.3334



82.1439, 0.3138, 0.3199



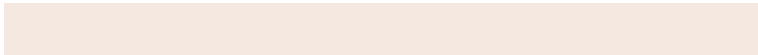
82.1439, 0.3183, 0.3408

Square

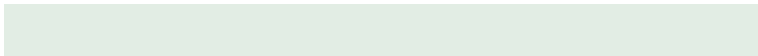
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1439, 0.3138, 0.3199



82.1439, 0.3261, 0.3362



82.1439, 0.3115, 0.3384



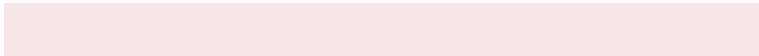
82.1439, 0.2996, 0.3217

Rectangle

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



82.1439, 0.3138, 0.3199



82.1439, 0.3236, 0.3286



82.1439, 0.3115, 0.3384



82.1439, 0.3019, 0.3293

Sweetspot

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



82.1474, 0.3138, 0.3199



98.3678, 0.3130, 0.3268



80.6360, 0.3070, 0.3187



21.0720, 0.3130, 0.3269



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

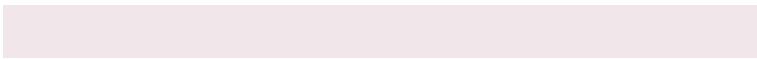
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1474, 0.3138, 0.3199



92.0537, 0.3140, 0.3180



81.8629, 0.3169, 0.3248



17.0522, 0.3142, 0.3165



12.8858, 0.3470, 0.1685



1.0796, 0.3431, 0.1664

Inverse Universe

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



82.1474, 0.3138, 0.3199



92.0537, 0.3140, 0.3180



85.9970, 0.3087, 0.3332



17.0522, 0.3142, 0.3165



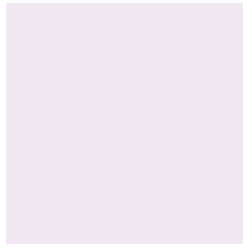
12.8858, 0.3470, 0.1685



1.0796, 0.3431, 0.1664

Previews

White Background



This preview shows how the Yxy color 82.1439, 0.3138, 0.3199 looks on a white background.

Color Contrast Check

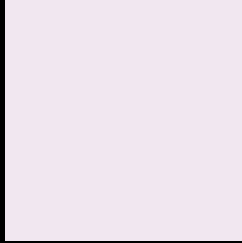
Large Text (above 18pt) WCAG AA × Fail

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 82.1439, 0.3138, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

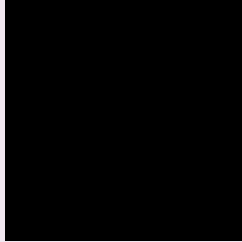
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

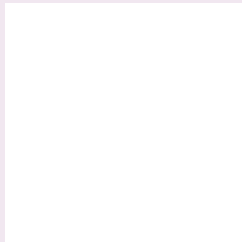
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.1439, 0.3138, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 82.1439, 0.3138, 0.3199.

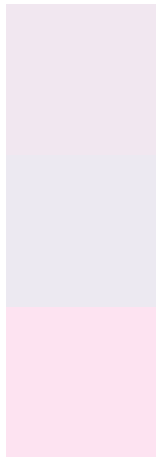


This preview shows how white text looks on a background with the Yxy color 82.1439, 0.3138, 0.3199.

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

82.1439, 0.3138, 0.3199

Protanopia

82.4616, 0.3097, 0.3209

Deuteranopia

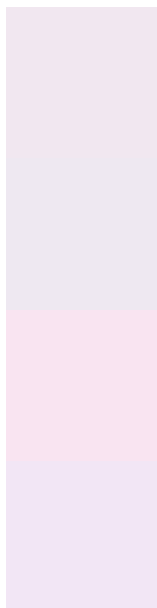
82.1717, 0.3217, 0.3152



Tritanopia

82.2482, 0.3095, 0.3110

Trichromacy



Original Color

82.1439, 0.3138, 0.3199

Protanomaly

82.2412, 0.3111, 0.3199

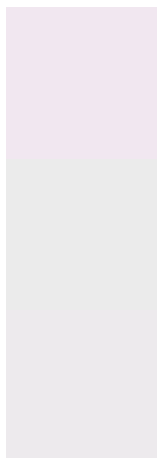
Deuteranomaly

81.9774, 0.3188, 0.3161

Tritanomaly

82.0634, 0.3114, 0.3139

Monochromacy



Original Color

82.1439, 0.3138, 0.3199

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.9646, 0.3129, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1439, 0.3138, 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(241, 231, 240)` looks like.

```
.text, #text, p{  
    color:rgb(241, 231, 240)  
}
```

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(241, 231, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 231, 240) }
```

Border

The CSS property to change the border of an element to Yxy 82.1439, 0.3138, 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(241, 231, 240) }
```

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

```
.border{ border-color:rgb(241, 231, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 231, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 231, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 231, 240);  
box-shadow:4px 4px 4px 4px rgb(241, 231,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1439, 0.3138, 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(241, 231, 240) }
```

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

```
.background{ background-color: rgb(241,  
231, 240) }
```

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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