

Converting Colors

$Yxy(79.4489, 0.3131, 0.3193)$

Have a look what the booklet for
Yxy(79.4489, 0.3131, 0.3193)
contains.

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Color

Yxy(79.6058, 0.3131, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	EDE4ED
RGB	237, 228, 237
RGB Percent	93%, 89%, 93%
CMY	0.0708, 0.1058, 0.0706
CMYK	0.00, 0.04, 0.00, 0.07
HSL	300°, 20%, 91%
HSV	300°, 4%, 93%
XYZ	77.9380, 79.6058, 91.3799
YIQ	231.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

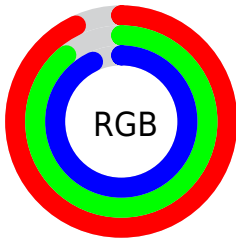
Format	Color
R _Y B	237, 228, 237
Decimal	15590637
CIE Lab	91.51, 4.60, -3.29
CIE LCh	92, 5.656, 324.392
Yxy	79.6058, 0.3131, 0.3198
Android (android.graphics.Color)	4293780717 (0xFFE4E4ED)
YUV	231.7170, 2.6045, 4.6332
Hunter-Lab	89.2221, -0.2138, 1.7315

Details

The Yxy color **79.6058, 0.3131, 0.3198** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.6830, 0.3123, 0.3384**, and the grayscale version is **80.4485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.0471, 0.3132, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **67.4172, 0.3141, 0.2950**, and if you desaturate by 10%, it is **93.5888, 0.3121, 0.3437**.

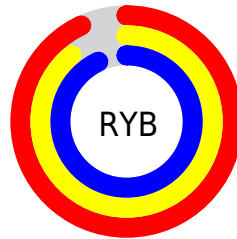
Distribution



Red (93%)

Green (89%)

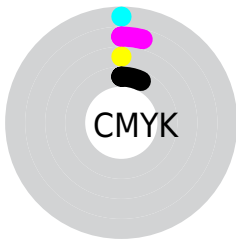
Blue (93%)



Red (93%)

Yellow (89%)

Blue (93%)

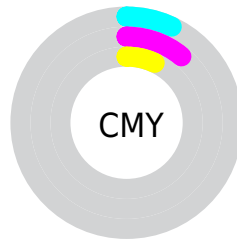


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (7%)


Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.6058, 0.3131, 0.3198 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 79.6058, 0.3131, 0.3198 by changing the saturation by 10% instead.

 79.6058, 0.3131,
0.3198

 79.6058, 0.3131,
0.3198


493.6034, 0.3129,
0.3240

 59.3940, 0.3131,
0.3189


132.8114, 0.3130,
0.3212

 42.9304, 0.3132,
0.3177


166.5739, 0.3130,
0.3218

 29.8305, 0.3132,
0.3163


205.6222, 0.3130,
0.3223

 19.7100, 0.3133,
0.3145

250.3407, 0.3130,
0.3227

 12.1844, 0.3133,
0.3120

301.1136, 0.3130,
0.3231

 6.8694, 0.3134,
0.3085

358.3254, 0.3130,

 3.3805, 0.3135,

0.3234

422.3605, 0.3130,
0.3237

0.3032

■ 1.3335, 0.3136,
0.2944

■ 0.1669, 0.3188,
0.1964

■ 79.6058, 0.3131,
0.3198

■ 79.6058, 0.3131,
0.3198

■ 67.4172, 0.3141,
0.2950

■ 93.5888, 0.3121,
0.3437

■ 56.9405, 0.3151,
0.2698

■ 95.6910, 0.3121,
0.3469

■ 48.1020, 0.3161,
0.2451

■ 95.7226, 0.3122,
0.3469

■ 40.8186, 0.3170,
0.2217

■ 95.7543, 0.3123,
0.3469

35.0000, 0.3178,
0.2007

95.7860, 0.3124,
0.3469

30.5466, 0.3184,
0.1830

95.8177, 0.3125,
0.3469

27.3464, 0.3188,
0.1693

95.8495, 0.3126,
0.3469

25.2698, 0.3190,
0.1599

95.8813, 0.3127,
0.3469

24.1589, 0.3190,
0.1547

95.9131, 0.3129,
0.3469

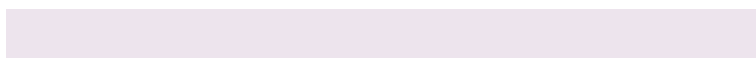
Harmonies

Analogous

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



79.6058, 0.3066, 0.3178



79.6058, 0.3131, 0.3198



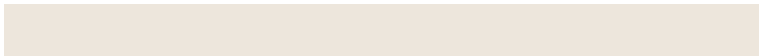
79.6058, 0.3195, 0.3242

Triad

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



79.6058, 0.3131, 0.3198



79.6058, 0.3237, 0.3394



79.6058, 0.3014, 0.3279

Complementary

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



79.6058, 0.3131, 0.3198



82.6830, 0.3123, 0.3384

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.



79.6058, 0.3059, 0.3338



79.6058, 0.3131, 0.3198



79.6058, 0.3188, 0.3405

Square

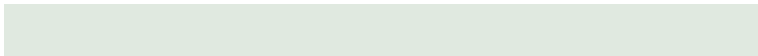
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6058, 0.3131, 0.3198



79.6058, 0.3257, 0.3355



79.6058, 0.3122, 0.3385



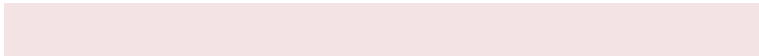
79.6058, 0.2999, 0.3223

Rectangle

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



79.6058, 0.3131, 0.3198



79.6058, 0.3229, 0.3280



79.6058, 0.3122, 0.3385



79.6058, 0.3026, 0.3299

Sweetspot

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



79.6092, 0.3131, 0.3198



98.3800, 0.3128, 0.3266



78.1968, 0.3070, 0.3198



21.0744, 0.3128, 0.3267



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.



79.6092, 0.3131, 0.3198



92.1145, 0.3132, 0.3168



79.3706, 0.3159, 0.3242



16.2988, 0.3133, 0.3152



12.9995, 0.3190, 0.1531



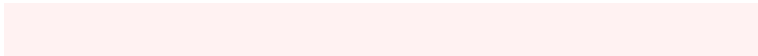
1.0227, 0.3193, 0.1533

Inverse Universe

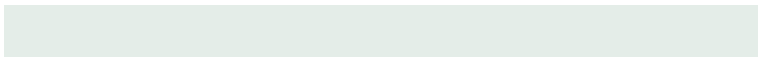
The Inverse Universe completely reimagines the original color for something new.



79.1133, 0.3189, 0.3289



91.3450, 0.3210, 0.3289



82.9157, 0.3096, 0.3338



16.1439, 0.3222, 0.3289



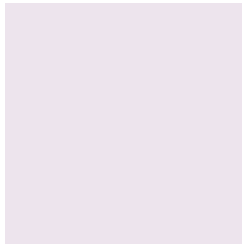
9.8329, 0.6392, 0.3295



0.7728, 0.6369, 0.3282

Previews

White Background



This preview shows how the Yxy color 79.6058, 0.3131, 0.3198 looks on a white background.

Color Contrast Check

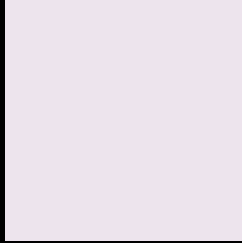
Large Text (above 18pt) WCAG AA × Fail

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 79.6058, 0.3131, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

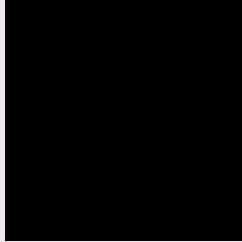
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

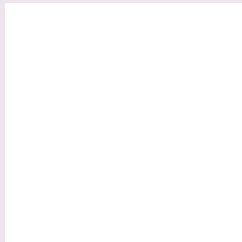
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.6058, 0.3131, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 79.6058, 0.3131, 0.3198.

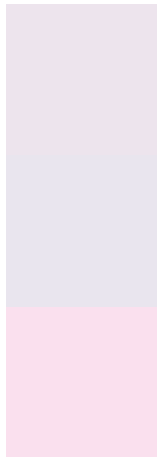


This preview shows how white text looks on a background with the Yxy color 79.6058, 0.3131, 0.3198.

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

79.6058, 0.3131, 0.3198

Protanopia

79.5353, 0.3097, 0.3197

Deuteranopia

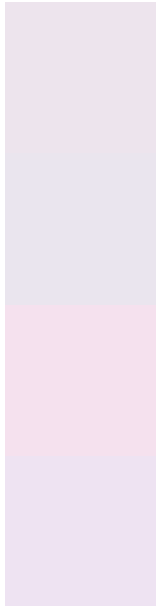
79.8083, 0.3218, 0.3151



Tritanopia

79.7079, 0.3088, 0.3107

Trichromacy



Original Color

79.6058, 0.3131, 0.3198

Protanomaly

79.7041, 0.3104, 0.3197

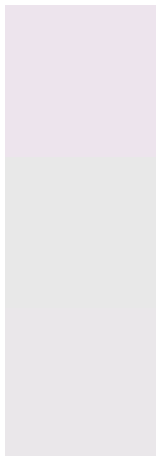
Deuteranomaly

79.4360, 0.3182, 0.3159

Tritanomaly

79.5261, 0.3107, 0.3137

Monochromacy



Original Color

79.6058, 0.3131, 0.3198

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.5848, 0.3129, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6058, 0.3131, 0.3198 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, 228, 237)` looks like.

```
.text, #text, p{  
    color:rgb(237, 228, 237)  
}
```

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, 228, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 228, 237) }
```

Border

The CSS property to change the border of an element to Yxy 79.6058, 0.3131, 0.3198 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, 228, 237) }
```

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

```
.border{ border-color:rgb(237, 228, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 228, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 228, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 228, 237);  
box-shadow:4px 4px 4px 4px rgb(237, 228,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6058, 0.3131, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 228, 237) }
```

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

```
.background{ background-color: rgb(237,  
228, 237) }
```

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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