

Converting Colors

Yxy(80.1614, 0.3153, 0.3225)

Have a look what the booklet for
Yxy(80.1614, 0.3153, 0.3225)
contains.

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Color

Yxy(80.2139, 0.3151, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	EEE5EB
RGB	238, 229, 235
RGB Percent	93%, 90%, 92%
CMY	0.0666, 0.1020, 0.0786
CMYK	0.00, 0.04, 0.01, 0.07
HSL	320°, 21%, 92%
HSV	320°, 4%, 93%
XYZ	78.2762, 80.2139, 89.9270
YIQ	232.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

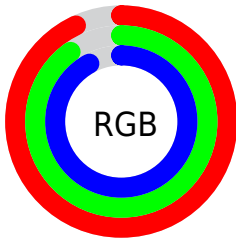
Format	Color
R _Y B	238, 229, 235
Decimal	15656427
CIE Lab	91.78, 4.10, -1.82
CIE LCh	92, 4.483, 336.082
Yxy	80.2139, 0.3151, 0.3229
Android (android.graphics.Color)	4293846507 (0xFFEEE5EB)
YUV	232.3750, 1.2941, 4.9331
Hunter-Lab	89.5622, -0.7271, 3.1621

Details

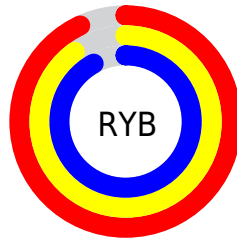
The Yxy color **80.2139, 0.3151, 0.3229** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6517, 0.3104, 0.3352**, and the grayscale version is **80.9827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.4719, 0.3157, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **67.4798, 0.3222, 0.3062**, and if you desaturate by 10%, it is **94.7819, 0.3091, 0.3387**.

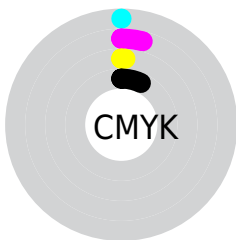
Distribution



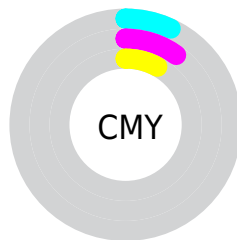
- Red (93%)
- Green (90%)
- Blue (92%)



- Red (93%)
- Yellow (90%)
- Blue (92%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.2139, 0.3151, 0.3229 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 80.2139, 0.3151, 0.3229 by changing the saturation by 10% instead.


 80.2139, 0.3151,
0.3229

 80.2139, 0.3151,
0.3229

495.6534, 0.3140,
0.3257

 59.8944, 0.3153,
0.3223


133.6664, 0.3147,
0.3239

 43.3335, 0.3156,
0.3215


167.5682, 0.3146,
0.3242

 30.1469, 0.3160,
0.3206


206.7662, 0.3145,
0.3245

 19.9501, 0.3165,
0.3193

251.6449, 0.3144,
0.3248

 12.3588, 0.3171,
0.3177

302.5885, 0.3143,
0.3251

 6.9885, 0.3180,
0.3154

359.9815, 0.3142,

 3.4549, 0.3194,

0.3253

0.3119

424.2084, 0.3141,
0.3255

■ 1.3736, 0.3216,
0.3059

■ 0.1971, 0.3478,
0.2386

■ 80.2139, 0.3151,
0.3229

■ 80.2139, 0.3151,
0.3229

■ 67.4798, 0.3222,
0.3062

■ 94.7819, 0.3091,
0.3387

■ 56.4960, 0.3306,
0.2889

■ 96.6733, 0.3045,
0.3328

■ 47.1878, 0.3404,
0.2715

■ 96.9215, 0.3023,
0.3290

■ 39.4708, 0.3516,
0.2546

■ 33.2535, 0.3643,
0.2391

■ 28.4350, 0.3781,
0.2262

■ 24.9018, 0.3928,
0.2169

■ 22.5224, 0.4079,
0.2123

■ 21.1370, 0.4227,
0.2128

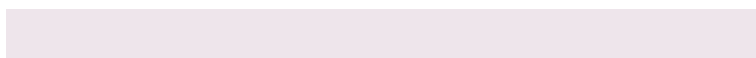
Harmonies

Analogous

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



80.2139, 0.3098, 0.3205



80.2139, 0.3151, 0.3229



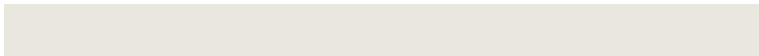
80.2139, 0.3198, 0.3269

Triad

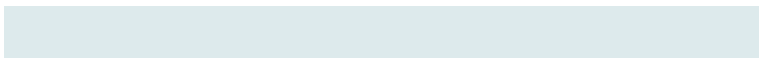
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.2139, 0.3151, 0.3229



80.2139, 0.3201, 0.3378



80.2139, 0.3030, 0.3263

Complementary

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



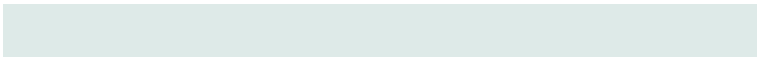
80.2139, 0.3151, 0.3229



83.6517, 0.3104, 0.3352

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.



80.2139, 0.3057, 0.3311



80.2139, 0.3151, 0.3229



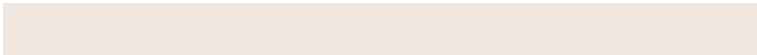
80.2139, 0.3156, 0.3378

Square

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



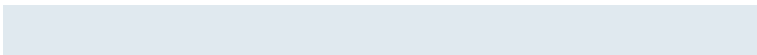
80.2139, 0.3151, 0.3229



80.2139, 0.3227, 0.3356



80.2139, 0.3103, 0.3353



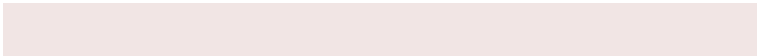
80.2139, 0.3028, 0.3224

Rectangle

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



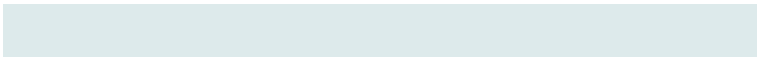
80.2139, 0.3151, 0.3229



80.2139, 0.3219, 0.3300



80.2139, 0.3103, 0.3353



80.2139, 0.3036, 0.3279

Sweetspot

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



80.2174, 0.3151, 0.3229



98.3282, 0.3133, 0.3274



79.3717, 0.3091, 0.3197



21.0639, 0.3133, 0.3275



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.



80.2174, 0.3151, 0.3229



91.8578, 0.3159, 0.3209



79.9628, 0.3180, 0.3275



17.0107, 0.3164, 0.3198



11.5299, 0.4296, 0.2140



0.9777, 0.4116, 0.2041

Inverse Universe

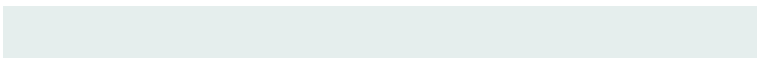
The Inverse Universe completely reimagines the original color for something new.



80.2174, 0.3151, 0.3229



91.8578, 0.3159, 0.3209



83.9084, 0.3077, 0.3305



17.0107, 0.3164, 0.3198



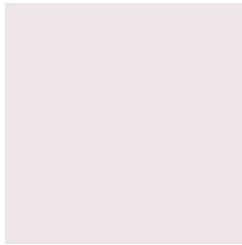
11.5299, 0.4296, 0.2140



0.9777, 0.4116, 0.2041

Previews

White Background



This preview shows how the Yxy color 80.2139, 0.3151, 0.3229 looks on a white background.

Color Contrast Check

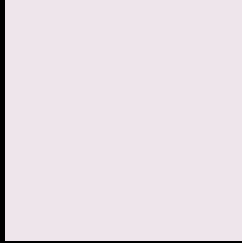
Large Text (above 18pt) WCAG AA × Fail

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 80.2139, 0.3151, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

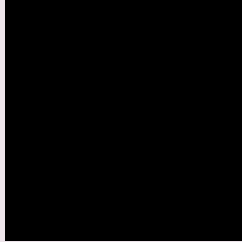
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

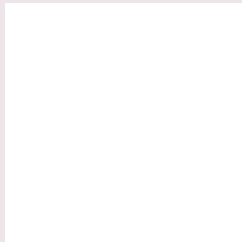
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.2139, 0.3151, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 80.2139, 0.3151, 0.3229.

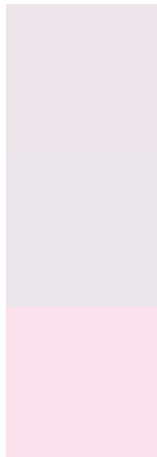


This preview shows how white text looks on a background with the Yxy color 80.2139, 0.3151, 0.3229.

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

80.2139, 0.3151, 0.3229

Protanopia

80.1422, 0.3116, 0.3228

Deuteranopia

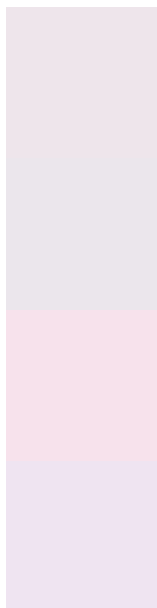
80.0629, 0.3245, 0.3171



Tritanopia

80.0560, 0.3102, 0.3108

Trichromacy



Original Color

80.2139, 0.3151, 0.3229

Protanomaly

80.3119, 0.3123, 0.3228

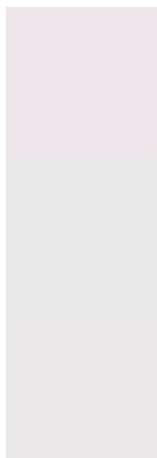
Deuteranomaly

80.2230, 0.3208, 0.3190

Tritanomaly

80.1884, 0.3120, 0.3158

Monochromacy



Original Color

80.2139, 0.3151, 0.3229

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.5274, 0.3135, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.2139, 0.3151, 0.3229 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(238, 229, 235)` looks like.

```
.text, #text, p{  
    color:rgb(238, 229, 235)  
}
```

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(238, 229, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 229, 235) }
```

Border

The CSS property to change the border of an element to Yxy 80.2139, 0.3151, 0.3229 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(238, 229, 235) }
```

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

```
.border{ border-color:rgb(238, 229, 235) }
```

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

Here you see how a box with a 4 pixel rgb(238, 229, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 229, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 229, 235);  
box-shadow:4px 4px 4px 4px rgb(238, 229,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 80.2139, 0.3151, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 229, 235) }
```

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

```
.background{ background-color: rgb(238,  
229, 235) }
```

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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