

Converting Colors

$Y_{xy}(80.1375, 0.3139, 0.3145)$

Have a look what the booklet for
Yxy(80.1375, 0.3139, 0.3145)
contains.

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Color

Yxy(80.1663, 0.3141, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	F2E3F1
RGB	242, 227, 241
RGB Percent	95%, 89%, 95%
CMY	0.0509, 0.1098, 0.0550
CMYK	0.00, 0.06, 0.00, 0.05
HSL	304°, 37%, 92%
HSV	304°, 6%, 95%
XYZ	79.9626, 80.1663, 94.4481
YIQ	233.0810, 4.4460, 7.5340

Conversions

Conversions Part 2

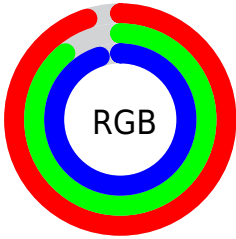
Format	Color
R_YB	242, 227, 241
Decimal	15918065
CIE Lab	91.76, 7.53, -4.95
CIE LCh	92, 9.011, 326.699
Yxy	80.1663, 0.3141, 0.3149
Android (android.graphics.Color)	4294108145 (0xFF F2E3F1)
YUV	233.0810, 3.9041, 7.8220
Hunter-Lab	89.5356, 2.7277, 0.1320

Details

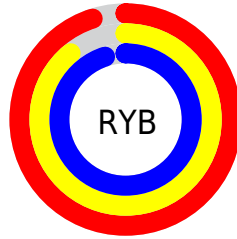
The Yxy color **80.1663, 0.3141, 0.3149** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.4487, 0.3114, 0.3435**, and the grayscale version is **81.5191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.4469, 0.3144, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **67.7472, 0.3165, 0.2915**, and if you desaturate by 10%, it is **94.4540, 0.3119, 0.3374**.

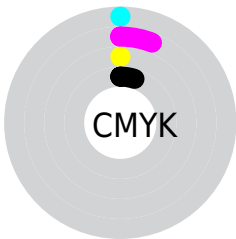
Distribution



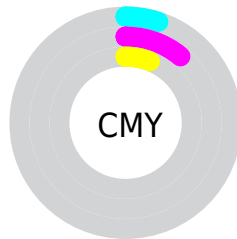
- Red (95%)
- Green (89%)
- Blue (95%)



- Red (95%)
- Yellow (89%)
- Blue (95%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)





- Cyan (5%)
- Magenta (11%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.1663, 0.3141, 0.3149 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 80.1663, 0.3141, 0.3149 by changing the saturation by 10% instead.


 80.1663, 0.3141,
0.3149

 80.1663, 0.3141,
0.3149


495.4931, 0.3135,
0.3213

 59.8552, 0.3142,
0.3135


133.5995, 0.3139,
0.3171

 43.3019, 0.3144,
0.3118


167.4904, 0.3138,
0.3179

 30.1221, 0.3146,
0.3096


206.6767, 0.3138,
0.3187

 19.9313, 0.3148,
0.3068

251.5429, 0.3137,
0.3193

 12.3451, 0.3151,
0.3032

302.4731, 0.3136,
0.3199

 6.9792, 0.3155,
0.2980

359.8520, 0.3136,

 3.4491, 0.3160,

0.3204

0.2903

424.0639, 0.3135,
0.3208

■ 1.3704, 0.3167,
0.2775

■ 0.1948, 0.3289,
0.1736

■ 80.1663, 0.3141,
0.3149

■ 80.1663, 0.3141,
0.3149

■ 67.7472, 0.3165,
0.2915

■ 94.4540, 0.3119,
0.3374

■ 57.1091, 0.3192,
0.2679

■ 96.9526, 0.3108,
0.3394

■ 48.1730, 0.3220,
0.2448

■ 97.0562, 0.3098,
0.3378

■ 40.8496, 0.3250,
0.2231

■ 97.1607, 0.3089,
0.3361


 35.0418, 0.3281,
0.2038


 97.2662, 0.3079,
0.3344

 30.6420, 0.3310,
0.1878

 97.3727, 0.3069,
0.3328


 27.5282, 0.3339,
0.1758

 97.4800, 0.3060,
0.3311

 25.5582, 0.3365,
0.1683

 97.5884, 0.3050,
0.3295

 24.5547, 0.3388,
0.1650

 97.6196, 0.3048,
0.3290

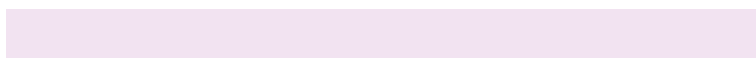
Harmonies

Analogous

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



80.1663, 0.3037, 0.3113



80.1663, 0.3141, 0.3149



80.1663, 0.3243, 0.3221

Triad

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



80.1663, 0.3141, 0.3149



80.1663, 0.3298, 0.3458



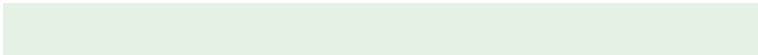
80.1663, 0.2944, 0.3264

Complementary

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



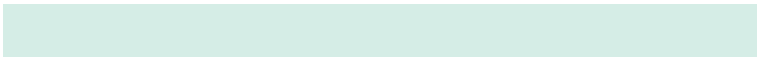
80.1663, 0.3141, 0.3149



85.4487, 0.3114, 0.3435

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.



80.1663, 0.3012, 0.3360



80.1663, 0.3141, 0.3149



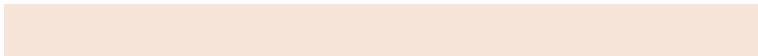
80.1663, 0.3216, 0.3473

Square

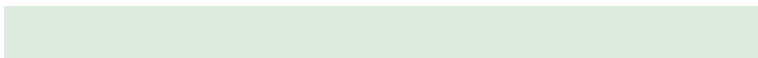
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1663, 0.3141, 0.3149



80.1663, 0.3334, 0.3398



80.1663, 0.3111, 0.3437



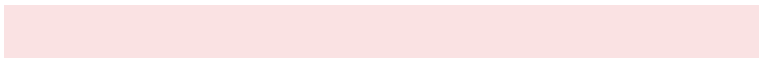
80.1663, 0.2925, 0.3178

Rectangle

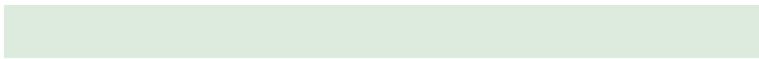
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.1663, 0.3141, 0.3149



80.1663, 0.3295, 0.3280



80.1663, 0.3111, 0.3437



80.1663, 0.2962, 0.3297

Sweetspot

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



80.1698, 0.3141, 0.3149



96.7661, 0.3132, 0.3245



77.8481, 0.3039, 0.3134



20.7458, 0.3131, 0.3247



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.



80.1698, 0.3141, 0.3149



89.0551, 0.3143, 0.3130



79.7334, 0.3189, 0.3224



16.5270, 0.3144, 0.3117



13.0717, 0.3393, 0.1643



1.0931, 0.3366, 0.1628

Inverse Universe

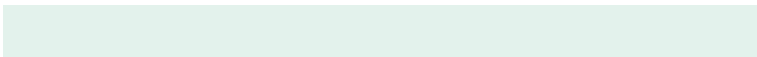
The Inverse Universe completely reimagines the original color for something new.



80.1698, 0.3141, 0.3149



89.0551, 0.3143, 0.3130



85.8718, 0.3069, 0.3357



16.5270, 0.3144, 0.3117



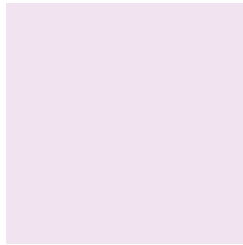
13.0717, 0.3393, 0.1643



1.0931, 0.3366, 0.1628

Previews

White Background



This preview shows how the Yxy color 80.1663, 0.3141, 0.3149 looks on a white background.

Color Contrast Check

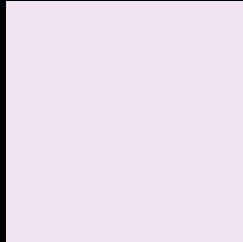
Large Text (above 18pt) WCAG AA × Fail

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 80.1663, 0.3141, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

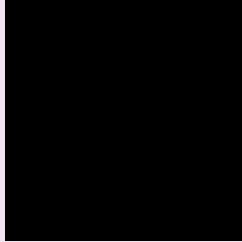
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

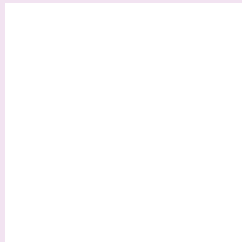
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.1663, 0.3141, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 80.1663, 0.3141, 0.3149.

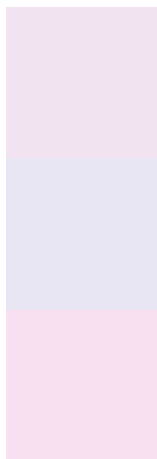


This preview shows how white text looks on a background with the Yxy color 80.1663, 0.3141, 0.3149.

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

80.1663, 0.3141, 0.3149

Protanopia

80.2205, 0.3059, 0.3156

Deuteranopia

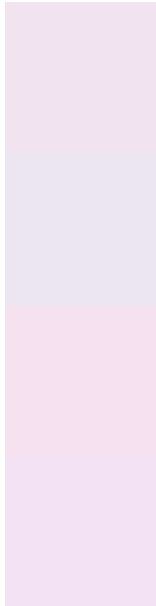
79.8019, 0.3191, 0.3121



Tritanopia

79.9791, 0.3129, 0.3109

Trichromacy



Original Color

80.1663, 0.3141, 0.3149

Protanomaly

80.2823, 0.3093, 0.3157

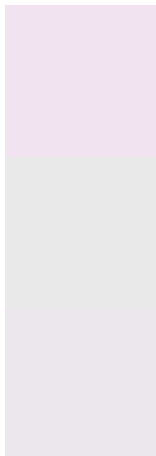
Deuteranomaly

79.7941, 0.3169, 0.3130

Tritanomaly

79.9185, 0.3135, 0.3119

Monochromacy



Original Color

80.1663, 0.3141, 0.3149

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.0408, 0.3130, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.1663, 0.3141, 0.3149 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(242, 227, 241)` looks like.

```
.text, #text, p{  
    color:rgb(242, 227, 241)  
}
```

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(242, 227, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 227, 241) }
```

Border

The CSS property to change the border of an element to Yxy 80.1663, 0.3141, 0.3149 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(242, 227, 241) }
```

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

```
.border{ border-color:rgb(242, 227, 241) }
```

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

Here you see how a box with a 4 pixel rgb(242, 227, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 227, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 227, 241);  
box-shadow:4px 4px 4px 4px rgb(242, 227,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 80.1663, 0.3141, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 227, 241) }
```

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

```
.background{ background-color: rgb(242,  
227, 241) }
```

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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