

Converting Colors

Yxy(80.5528, 0.3155, 0.3221)

Have a look what the booklet for
Yxy(80.5528, 0.3155, 0.3221)
contains.

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Color

Yxy(80.4455, 0.3151, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	EFE5EC
RGB	239, 229, 236
RGB Percent	94%, 90%, 93%
CMY	0.0629, 0.1019, 0.0746
CMYK	0.00, 0.04, 0.01, 0.06
HSL	318°, 24%, 92%
HSV	318°, 4%, 94%
XYZ	78.7461, 80.4455, 90.7167
YIQ	232.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

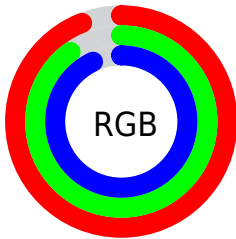
Format	Color
R _Y B	239, 229, 236
Decimal	15721964
CIE Lab	91.88, 4.59, -2.19
CIE LCh	92, 5.082, 334.515
Yxy	80.4455, 0.3151, 0.3219
Android (android.graphics.Color)	4293912044 (0xFFEFE5EC)
YUV	232.7880, 1.5835, 5.4479
Hunter-Lab	89.6914, -0.2428, 2.8162

Details

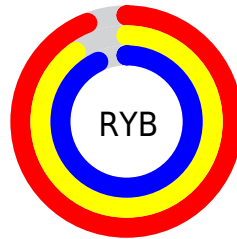
The Yxy color **80.4455, 0.3151, 0.3219** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.2041, 0.3104, 0.3362**, and the grayscale version is **81.3023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.6347, 0.3157, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **67.7116, 0.3216, 0.3043**, and if you desaturate by 10%, it is **95.0234, 0.3097, 0.3386**.

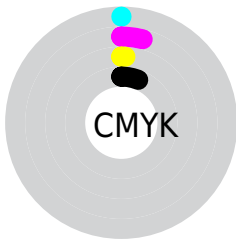
Distribution



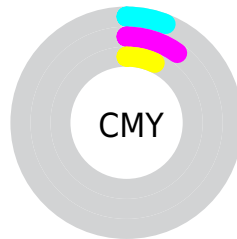
- Red (94%)
- Green (90%)
- Blue (93%)



- Red (94%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.4455, 0.3151, 0.3219 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 80.4455, 0.3151, 0.3219 by changing the saturation by 10% instead.

80.4455, 0.3151,
0.3219

80.4455, 0.3151,
0.3219

496.4329, 0.3140,
0.3251

60.0850, 0.3153,
0.3212

133.9919, 0.3147,
0.3230

43.4872, 0.3156,
0.3203

167.9466, 0.3146,
0.3234

30.2675, 0.3160,
0.3192

207.2015, 0.3145,
0.3238

20.0417, 0.3165,
0.3178

252.1410, 0.3144,
0.3241

12.4254, 0.3171,
0.3159

303.1495, 0.3143,
0.3244

7.0341, 0.3180,
0.3132

360.6114, 0.3142,

3.4834, 0.3193,

0.3247

0.3091

424.9111, 0.3141,
0.3249

■ 1.3890, 0.3215,
0.3023

■ 0.2086, 0.3452,
0.2321

■ 80.4455, 0.3151,
0.3219

■ 80.4455, 0.3151,
0.3219

■ 67.7116, 0.3216,
0.3043

■ 95.0234, 0.3097,
0.3386

■ 56.7373, 0.3291,
0.2860

■ 96.7898, 0.3055,
0.3335

■ 47.4469, 0.3379,
0.2677

■ 97.0858, 0.3029,
0.3290

■ 39.7552, 0.3479,
0.2500

■ 33.5695, 0.3591,
0.2338

■ 28.7876, 0.3712,
0.2203

■ 25.2943, 0.3839,
0.2105

■ 22.9563, 0.3968,
0.2053

■ 21.6106, 0.4095,
0.2052

Harmonies

Analogous

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



80.4455, 0.3091, 0.3193



80.4455, 0.3151, 0.3219



80.4455, 0.3205, 0.3264

Triad

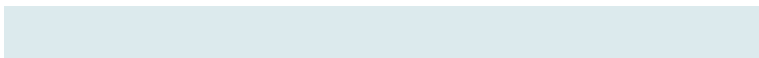
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.4455, 0.3151, 0.3219



80.4455, 0.3213, 0.3389



80.4455, 0.3018, 0.3262

Complementary

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



80.4455, 0.3151, 0.3219



84.2041, 0.3104, 0.3362

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.



80.4455, 0.3050, 0.3316



80.4455, 0.3151, 0.3219



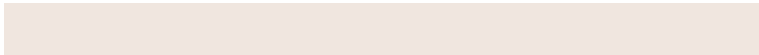
80.4455, 0.3163, 0.3390

Square

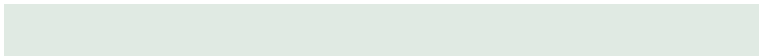
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



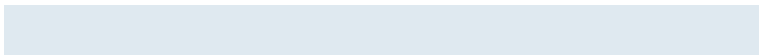
80.4455, 0.3151, 0.3219



80.4455, 0.3241, 0.3362



80.4455, 0.3103, 0.3363



80.4455, 0.3015, 0.3217

Rectangle

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



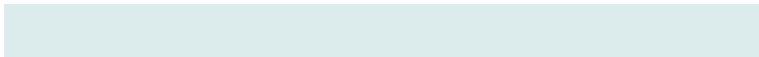
80.4455, 0.3151, 0.3219



80.4455, 0.3230, 0.3299



80.4455, 0.3103, 0.3363



80.4455, 0.3026, 0.3280

Sweetspot

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



80.4490, 0.3151, 0.3219



98.3345, 0.3133, 0.3273



79.4350, 0.3085, 0.3187



21.0652, 0.3132, 0.3274



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

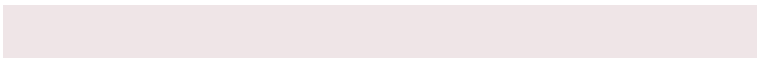
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.4490, 0.3151, 0.3219



91.8887, 0.3156, 0.3204



80.1641, 0.3183, 0.3270



17.0173, 0.3160, 0.3193



11.7101, 0.4148, 0.2059



0.9917, 0.3994, 0.1974

Inverse Universe

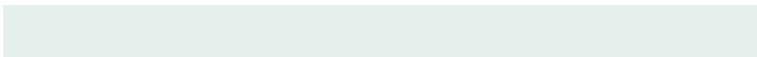
The Inverse Universe completely reimagines the original color for something new.



80.4490, 0.3151, 0.3219



91.8887, 0.3156, 0.3204



84.4906, 0.3074, 0.3310



17.0173, 0.3160, 0.3193



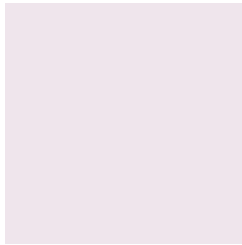
11.7101, 0.4148, 0.2059



0.9917, 0.3994, 0.1974

Previews

White Background



This preview shows how the Yxy color 80.4455, 0.3151, 0.3219 looks on a white background.

Color Contrast Check

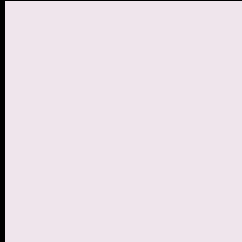
Large Text (above 18pt) WCAG AA × Fail

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 80.4455, 0.3151, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

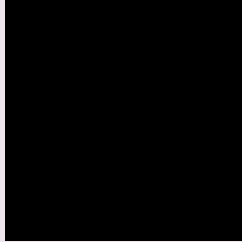
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

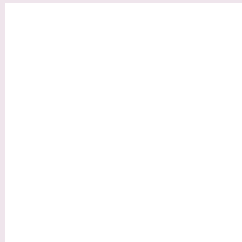
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.4455, 0.3151, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 80.4455, 0.3151, 0.3219.

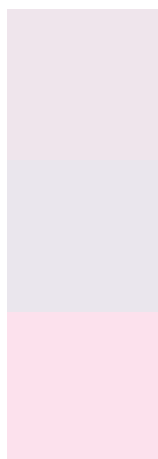


This preview shows how white text looks on a background with the Yxy color 80.4455, 0.3151, 0.3219.

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

80.4455, 0.3151, 0.3219

Protanopia

80.2005, 0.3110, 0.3218

Deuteranopia

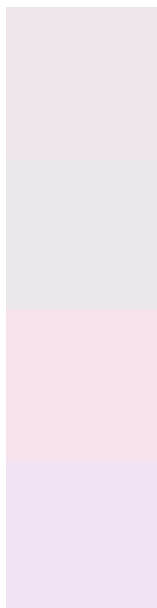
80.6603, 0.3238, 0.3171



Tritanopia

80.6046, 0.3101, 0.3118

Trichromacy



Original Color

80.4455, 0.3151, 0.3219

Protanomaly

80.5409, 0.3124, 0.3218

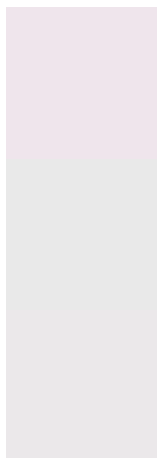
Deuteranomaly

80.2813, 0.3202, 0.3180

Tritanomaly

80.4229, 0.3120, 0.3148

Monochromacy



Original Color

80.4455, 0.3151, 0.3219

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.3159, 0.3135, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.4455, 0.3151, 0.3219 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(239, 229, 236)` looks like.

```
.text, #text, p{  
    color:rgb(239, 229, 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(239, 229, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 229, 236) }
```

Border

The CSS property to change the border of an element to Yxy 80.4455, 0.3151, 0.3219 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(239, 229, 236) }
```

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

```
.border{ border-color:rgb(239, 229, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 229, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 229, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 229, 236);  
box-shadow:4px 4px 4px 4px rgb(239, 229,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 80.4455, 0.3151, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 229, 236) }
```

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

```
.background{ background-color: rgb(239,  
229, 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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