

Converting Colors

$Y_{xy}(79.7493, 0.3137, 0.3258)$

Have a look what the booklet for
Yxy(79.7493, 0.3137, 0.3258)
contains.

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Color

Yxy(79.9692, 0.3135, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	EAE6E9
RGB	234, 230, 233
RGB Percent	92%, 90%, 91%
CMY	0.0825, 0.0980, 0.0862
CMYK	0.00, 0.02, 0.00, 0.08
HSL	314°, 9%, 91%
HSV	314°, 2%, 92%
XYZ	76.9265, 79.9692, 88.4839
YIQ	231.5380, 1.4210, 1.7810

Conversions

Conversions Part 2

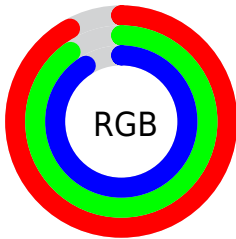
Format	Color
R_{YB}	234, 230, 233
Decimal	15394537
CIE Lab	91.67, 1.86, -1.00
CIE LCh	92, 2.112, 331.815
Yxy	79.9692, 0.3135, 0.3259
Android (android.graphics.Color)	4293584617 (0xFFEAE6E9)
YUV	231.5380, 0.7208, 2.1592
Hunter-Lab	89.4255, -2.9436, 3.9322

Details

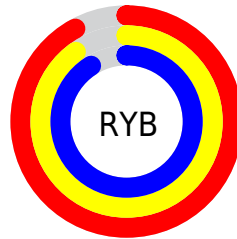
The Yxy color **79.9692, 0.3135, 0.3259** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.4120, 0.3119, 0.3321**, and the grayscale version is **80.3248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2992, 0.3137, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **67.4990, 0.3186, 0.3069**, and if you desaturate by 10%, it is **94.2039, 0.3091, 0.3439**.

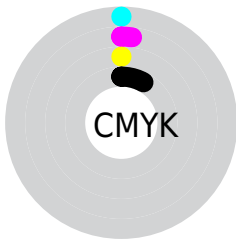
Distribution



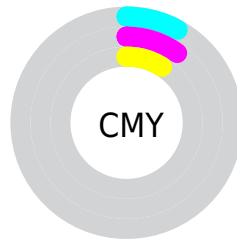
- Red (92%)
- Green (90%)
- Blue (91%)



- Red (92%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)




- Cyan (8%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9692, 0.3135, 0.3259 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 79.9692, 0.3135, 0.3259 by changing the saturation by 10% instead.


 79.9692, 0.3135,
0.3259

 79.9692, 0.3135,
0.3259


494.8290, 0.3131,
0.3273

 59.6930, 0.3136,
0.3256

133.3224, 0.3134,
0.3264

 43.1712, 0.3137,
0.3252


167.1683, 0.3133,
0.3266

 30.0195, 0.3138,
0.3247


206.3061, 0.3133,
0.3267

 19.8534, 0.3140,
0.3241

251.1203, 0.3133,
0.3269

 12.2885, 0.3142,
0.3232

301.9953, 0.3132,
0.3270

 6.9405, 0.3145,
0.3220

359.3155, 0.3132,

 3.4249, 0.3149,

0.3271

423.4653, 0.3132,
0.3272

0.3202

■ 1.3574, 0.3157,
0.3170

■ 0.1850, 0.3266,
0.2731

■ 79.9692, 0.3135,
0.3259

■ 79.9692, 0.3135,
0.3259

■ 67.4990, 0.3186,
0.3069

■ 94.2039, 0.3091,
0.3439

■ 56.7137, 0.3246,
0.2873

■ 95.5449, 0.3059,
0.3398

■ 47.5430, 0.3314,
0.2675

■ 95.8883, 0.3028,
0.3342

■ 39.9076, 0.3392,
0.2483

■ 96.2245, 0.2999,
0.3290

■ 33.7216, 0.3477,
0.2305

■ 28.8906, 0.3569,
0.2151

■ 25.3088, 0.3665,
0.2033

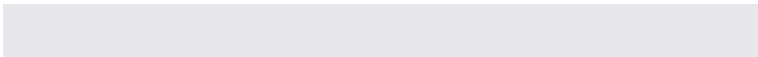
■ 22.8548, 0.3762,
0.1958

■ 21.3827, 0.3856,
0.1931

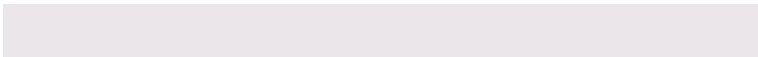
Harmonies

Analogous

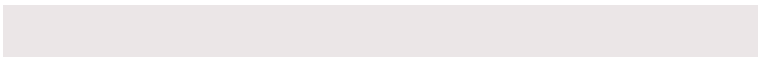
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9692, 0.3110, 0.3249



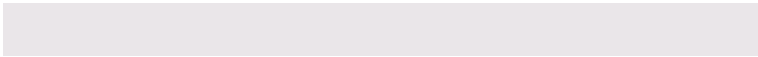
79.9692, 0.3135, 0.3259



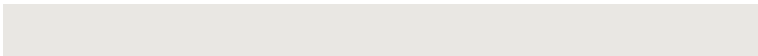
79.9692, 0.3158, 0.3277

Triad

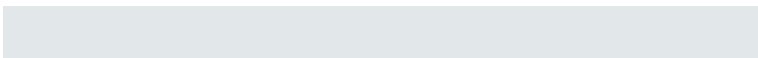
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.9692, 0.3135, 0.3259



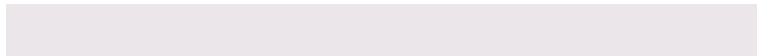
79.9692, 0.3165, 0.3331



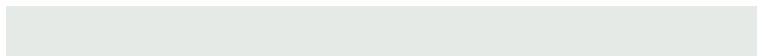
79.9692, 0.3082, 0.3281

Complementary

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



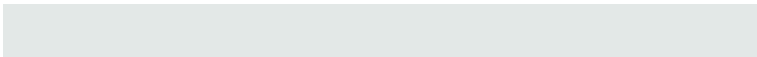
79.9692, 0.3135, 0.3259



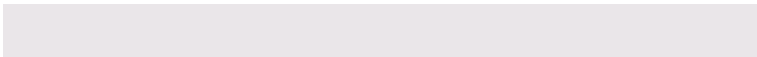
81.4120, 0.3119, 0.3321

Split Complementary

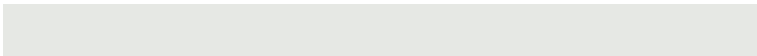
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9692, 0.3097, 0.3303



79.9692, 0.3135, 0.3259



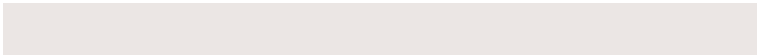
79.9692, 0.3144, 0.3332

Square

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



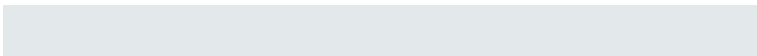
79.9692, 0.3135, 0.3259



79.9692, 0.3175, 0.3319



79.9692, 0.3119, 0.3322



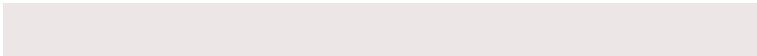
79.9692, 0.3080, 0.3261

Rectangle

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



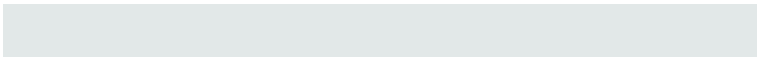
79.9692, 0.3135, 0.3259



79.9692, 0.3169, 0.3292



79.9692, 0.3119, 0.3322



79.9692, 0.3086, 0.3288

Sweetspot

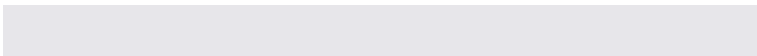
The Sweet Spot groups the original color and five complimentary colors.



79.9726, 0.3135, 0.3259



98.3448, 0.3132, 0.3272



79.5202, 0.3109, 0.3249



21.0673, 0.3132, 0.3272



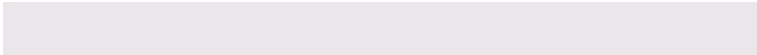
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

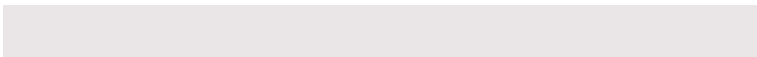
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9726, 0.3135, 0.3259



96.7112, 0.3137, 0.3253



79.8618, 0.3147, 0.3279



17.3320, 0.3136, 0.3255



11.6647, 0.3918, 0.1932



0.9307, 0.3799, 0.1867

Inverse Universe

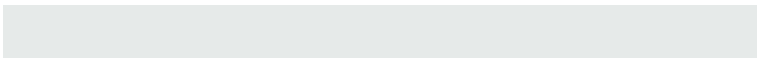
The Inverse Universe completely reimagines the original color for something new.



79.9726, 0.3135, 0.3259



96.7112, 0.3137, 0.3253



81.5227, 0.3107, 0.3301



17.3320, 0.3136, 0.3255



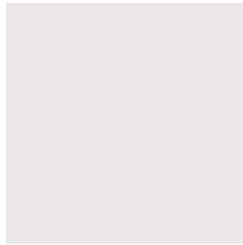
11.6647, 0.3918, 0.1932



0.9307, 0.3799, 0.1867

Previews

White Background



This preview shows how the Yxy color 79.9692, 0.3135, 0.3259 looks on a white background.

Color Contrast Check

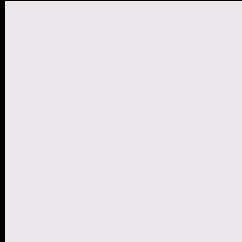
Large Text (above 18pt) WCAG AA × Fail

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 79.9692, 0.3135, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

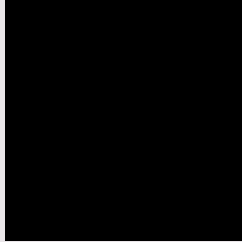
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

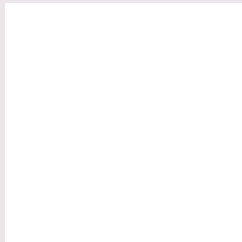
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.9692, 0.3135, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 79.9692, 0.3135, 0.3259.

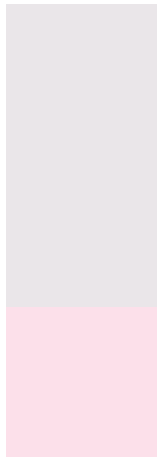


This preview shows how white text looks on a background with the Yxy color 79.9692, 0.3135, 0.3259.

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

79.9692, 0.3135, 0.3259

Protanopia

79.9692, 0.3135, 0.3259

Deuteranopia

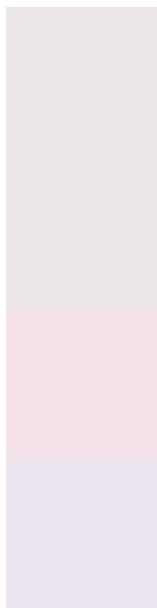
79.9473, 0.3259, 0.3191



Tritanopia

79.9735, 0.3068, 0.3107

Trichromacy



Original Color

79.9692, 0.3135, 0.3259

Protanomaly

79.9692, 0.3135, 0.3259

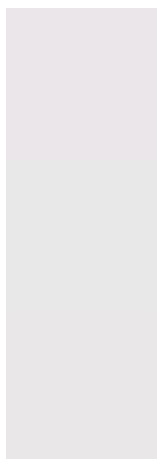
Deuteranomaly

79.7457, 0.3208, 0.3209

Tritanomaly

80.0517, 0.3092, 0.3167

Monochromacy



Original Color

79.9692, 0.3135, 0.3259

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.3017, 0.3134, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9692, 0.3135, 0.3259 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(234, 230, 233)` looks like.

```
.text, #text, p{  
    color:rgb(234, 230, 233)  
}
```

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(234, 230, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 230, 233) }
```

Border

The CSS property to change the border of an element to Yxy 79.9692, 0.3135, 0.3259 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(234, 230, 233) }
```

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

```
.border{ border-color:rgb(234, 230, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 230, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 230, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 230, 233);  
box-shadow:4px 4px 4px 4px rgb(234, 230,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9692, 0.3135, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 230, 233) }
```

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

```
.background{ background-color: rgb(234,  
230, 233) }
```

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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