

Converting Colors

$Yxy(79.5292, 0.3123, 0.3228)$

Have a look what the booklet for
Yxy(79.5292, 0.3123, 0.3228)
contains.

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Color

Yxy(79.5292, 0.3123, 0.3228)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EAE5EB |
| RGB | 234, 229, 235 |
| RGB Percent | 92%, 90%, 92% |
| CMY | 0.0824, 0.1019, 0.0784 |
| CMYK | 0.00, 0.03, 0.00, 0.08 |
| HSL | 290°, 13%, 91% |
| HSV | 290°, 3%, 92% |
| XYZ | 76.9423, 79.5292, 89.9015 |
| YIQ | 231.1790, 1.0540, 2.9260 |

Conversions

Conversions Part 2

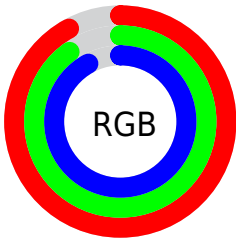
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 234, 229, 235 |
| Decimal | 15394283 |
| CIE Lab | 91.47, 2.75, -2.33 |
| CIE LCh | 91, 3.601, 319.685 |
| Yxy | 79.5292, 0.3123, 0.3228 |
| Android (android.graphics.Color) | 4293584363 (0xFFEAE5EB) |
| YUV | 231.1790, 1.8838, 2.4740 |
| Hunter-Lab | 89.1791, -2.0567, 2.6551 |

Details

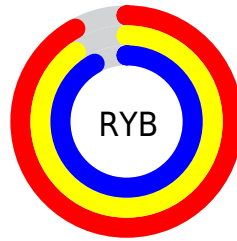
The Yxy color **79.5292, 0.3123, 0.3228** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.9125, 0.3131, 0.3353**, and the grayscale version is **80.0370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.9918, 0.3121, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **66.7173, 0.3104, 0.2977**, and if you desaturate by 10%, it is **94.1241, 0.3138, 0.3465**.

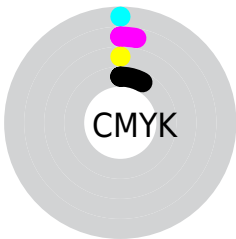
Distribution



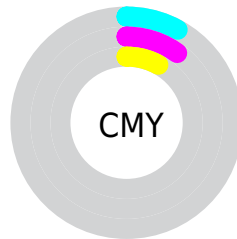
- Red (92%)
- Green (90%)
- Blue (92%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5292, 0.3123, 0.3228 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 79.5292, 0.3123, 0.3228 by changing the saturation by 10% instead.

 79.5292, 0.3123,
0.3228

 79.5292, 0.3123,
0.3228

493.3448, 0.3125,
0.3256

 59.3310, 0.3123,
0.3222


132.7036, 0.3124,
0.3238

 42.8796, 0.3122,
0.3214


166.4486, 0.3124,
0.3241

 29.7907, 0.3121,
0.3204


205.4780, 0.3124,
0.3245

 19.6798, 0.3120,
0.3192

250.1762, 0.3124,
0.3248

 12.1625, 0.3119,
0.3175

300.9276, 0.3125,
0.3250

 6.8544, 0.3117,
0.3151

358.1166, 0.3125,

 3.3712, 0.3114,

0.3252

0.3115

422.1275, 0.3125,
0.3254

■ 1.3285, 0.3108,
0.3053

■ 0.1631, 0.3060,
0.2248

■ 79.5292, 0.3123,
0.3228

■ 79.5292, 0.3123,
0.3228

■ 66.7173, 0.3104,
0.2977

■ 94.1241, 0.3138,
0.3465

■ 55.6078, 0.3081,
0.2717

■ 96.4098, 0.3162,
0.3488

■ 46.1291, 0.3052,
0.2454

■ 97.1346, 0.3187,
0.3486

■ 38.2005, 0.3019,
0.2196

■ 97.8753, 0.3213,
0.3485

■ 31.7344, 0.2981,
0.1955

■ 98.6321, 0.3239,
0.3483

■ 26.6343, 0.2940,
0.1741

■ 98.7789, 0.3244,
0.3483

■ 22.7923, 0.2895,
0.1563

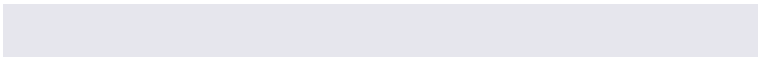
■ 20.0838, 0.2850,
0.1430

■ 18.3585, 0.2804,
0.1341

Harmonies

Analogous

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



79.5292, 0.3083, 0.3218



79.5292, 0.3123, 0.3228



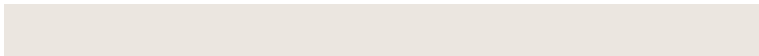
79.5292, 0.3165, 0.3254

Triad

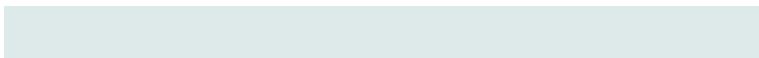
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5292, 0.3123, 0.3228



79.5292, 0.3201, 0.3353



79.5292, 0.3058, 0.3289

Complementary

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



79.5292, 0.3123, 0.3228



81.9125, 0.3131, 0.3353

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.



79.5292, 0.3090, 0.3326



79.5292, 0.3123, 0.3228



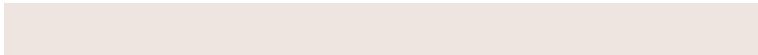
79.5292, 0.3172, 0.3363

Square

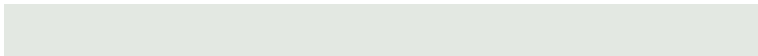
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



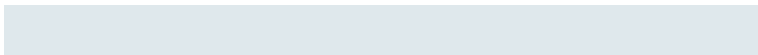
79.5292, 0.3123, 0.3228



79.5292, 0.3210, 0.3327



79.5292, 0.3131, 0.3354



79.5292, 0.3045, 0.3253

Rectangle

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



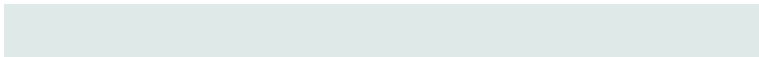
79.5292, 0.3123, 0.3228



79.5292, 0.3188, 0.3278



79.5292, 0.3131, 0.3354



79.5292, 0.3067, 0.3302

Sweetspot

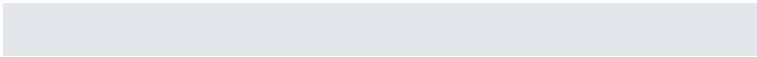
The Sweet Spot groups the original color and five complimentary colors.



79.5326, 0.3123, 0.3228



98.3006, 0.3126, 0.3266



79.3145, 0.3089, 0.3239



21.0583, 0.3126, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

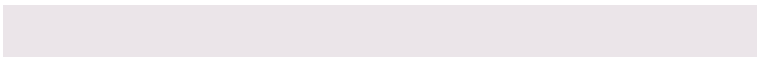
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5326, 0.3123, 0.3228



94.9667, 0.3122, 0.3217



79.5989, 0.3142, 0.3248



16.7612, 0.3121, 0.3198



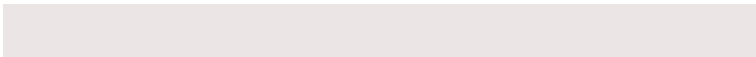
9.8087, 0.2777, 0.1304



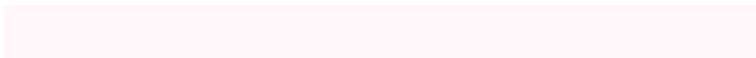
0.8048, 0.2841, 0.1338

Inverse Universe

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



79.4249, 0.3162, 0.3279



94.8147, 0.3168, 0.3277



81.8487, 0.3112, 0.3333



16.7274, 0.3179, 0.3274



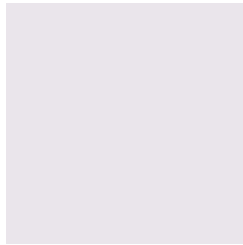
9.9298, 0.6141, 0.3157



0.7921, 0.5784, 0.2960

Previews

White Background



This preview shows how the Yxy color 79.5292, 0.3123, 0.3228 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 79.5292, 0.3123, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

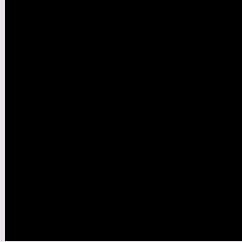
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

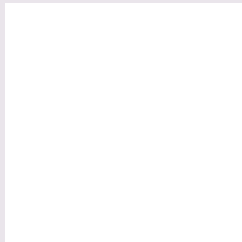
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5292, 0.3123, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 79.5292, 0.3123, 0.3228.

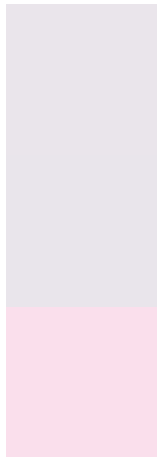


This preview shows how white text looks on a background with the Yxy color 79.5292, 0.3123, 0.3228.

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

79.5292, 0.3123, 0.3228

Protanopia

79.3604, 0.3116, 0.3228

Deuteranopia

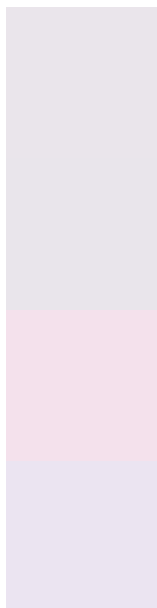
79.1555, 0.3232, 0.3160



Tritanopia

79.3636, 0.3074, 0.3107

Trichromacy



Original Color

79.5292, 0.3123, 0.3228

Protanomaly

79.3604, 0.3116, 0.3228

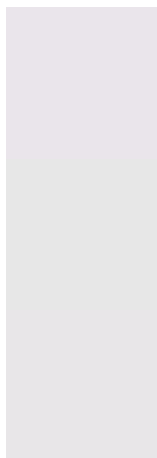
Deuteranomaly

79.1397, 0.3188, 0.3179

Tritanomaly

79.4998, 0.3092, 0.3157

Monochromacy



Original Color

79.5292, 0.3123, 0.3228

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.5756, 0.3128, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5292, 0.3123, 0.3228 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, 229, 235) looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 229, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 229, 235) }
```

Border

The CSS property to change the border of an element to Yxy 79.5292, 0.3123, 0.3228 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, 229, 235) }
```

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

```
.border{ border-color:rgb(234, 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(234, 229, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 229, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 229, 235);  
box-shadow:4px 4px 4px 4px rgb(234, 229,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5292, 0.3123, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 229, 235) }
```

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

```
.background{ background-color: rgb(234,  
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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