

Converting Colors

$Yxy(79.2029, 0.3144, 0.3388)$

Have a look what the booklet for
Yxy(79.2029, 0.3144, 0.3388)
contains.

Yxy(79.2097, 0.3143, 0.3385)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.2097, 0.3143, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	E2E8DF
RGB	226, 232, 223
RGB Percent	89%, 91%, 87%
CMY	0.1137, 0.0902, 0.1254
CMYK	0.03, 0.00, 0.04, 0.09
HSL	100°, 16%, 89%
HSV	100°, 4%, 91%
XYZ	73.5468, 79.2097, 81.2455
YIQ	229.1800, -0.6870, -4.0710

Conversions

Conversions Part 2

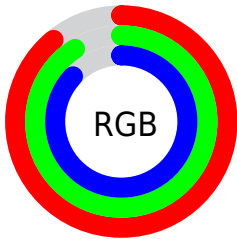
Format	Color
R_{YB}	223, 232, 229
Decimal	14870751
CIE Lab	91.33, -3.59, 3.65
CIE LCh	91, 5.119, 134.551
Yxy	79.2097, 0.3143, 0.3385
Android (android.graphics.Color)	4293060831 (0xFFE2E8DF)
YUV	229.1800, -3.0467, -2.7889
Hunter-Lab	88.9998, -8.2425, 8.1757

Details

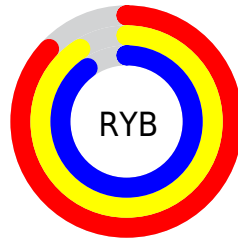
The Yxy color **79.2097, 0.3143, 0.3385** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **75.2780, 0.3111, 0.3196**, and the grayscale version is **78.5222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5357, 0.3148, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **75.6560, 0.3183, 0.3649**, and if you desaturate by 10%, it is **83.1674, 0.3102, 0.3147**.

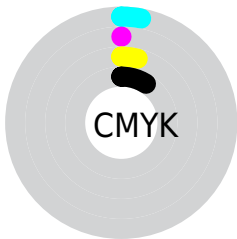
Distribution



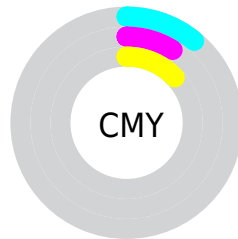
- Red (89%)
- Green (91%)
- Blue (87%)



- Red (87%)
- Yellow (91%)
- Blue (90%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (11%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2097, 0.3143, 0.3385 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 79.2097, 0.3143, 0.3385 by changing the saturation by 10% instead.

■ 79.2097, 0.3143,
0.3385

■ 79.2097, 0.3143,
0.3385

492.2655, 0.3136,
0.3342

■ 59.0682, 0.3145,
0.3395

132.2540, 0.3141,
0.3370

■ 42.6681, 0.3146,
0.3407

165.9257, 0.3140,
0.3364

■ 29.6248, 0.3149,
0.3422

204.8762, 0.3139,
0.3359

■ 19.5539, 0.3152,
0.3442

249.4900, 0.3138,
0.3355

■ 12.0712, 0.3156,
0.3469

300.1514, 0.3137,
0.3351

■ 6.7922, 0.3162,
0.3508

357.2449, 0.3137,

■ 3.3325, 0.3170,

0.3347

0.3569

421.1547, 0.3136,
0.3344

■ 1.3077, 0.3183,
0.3675

■ 0.1471, 0.2618,
0.7382

■ 79.2097, 0.3143,
0.3385

■ 79.2097, 0.3143,
0.3385

■ 75.6560, 0.3183,
0.3649

■ 83.1674, 0.3102,
0.3147

■ 72.4833, 0.3221,
0.3939

■ 86.1921, 0.3138,
0.3068

■ 69.6814, 0.3254,
0.4249

■ 67.2358, 0.3279,
0.4570

■ 65.1311, 0.3293,
0.4891

■ 63.3506, 0.3292,
0.5194

■ 61.8760, 0.3275,
0.5459

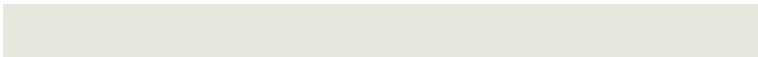
■ 60.6868, 0.3241,
0.5668

■ 59.7591, 0.3194,
0.5811

Harmonies

Analogous

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



79.2097, 0.3199, 0.3394



79.2097, 0.3143, 0.3385



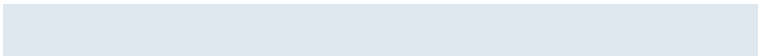
79.2097, 0.3083, 0.3350

Triad

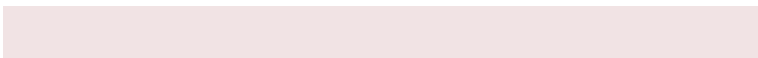
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2097, 0.3143, 0.3385



79.2097, 0.3019, 0.3205



79.2097, 0.3220, 0.3281

Complementary

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



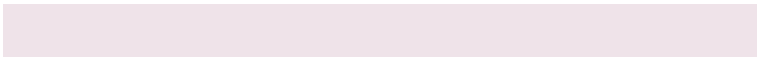
79.2097, 0.3143, 0.3385



75.2780, 0.3111, 0.3196

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.



79.2097, 0.3171, 0.3232



79.2097, 0.3143, 0.3385



79.2097, 0.3055, 0.3188

Square

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



79.2097, 0.3143, 0.3385



79.2097, 0.3012, 0.3245



79.2097, 0.3111, 0.3198



79.2097, 0.3244, 0.3334

Rectangle

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



79.2097, 0.3143, 0.3385



79.2097, 0.3049, 0.3316



79.2097, 0.3111, 0.3198



79.2097, 0.3206, 0.3264

Sweetspot

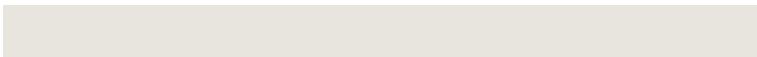
The Sweet Spot groups the original color and five complimentary colors.



79.2131, 0.3143, 0.3385



99.5157, 0.3131, 0.3314



78.5285, 0.3186, 0.3353



21.3056, 0.3131, 0.3313



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.



79.2131, 0.3143, 0.3385



97.6285, 0.3148, 0.3414



78.8154, 0.3113, 0.3369



16.6095, 0.3150, 0.3431



32.9837, 0.3173, 0.5863



2.4867, 0.3285, 0.5774

Inverse Universe

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



75.2780, 0.3111, 0.3196



91.3367, 0.3106, 0.3167



75.6890, 0.3141, 0.3212



15.4035, 0.3103, 0.3151



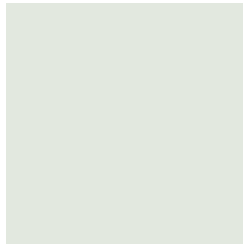
7.1601, 0.2386, 0.1088



0.5793, 0.2508, 0.1155

Previews

White Background



This preview shows how the Yxy color 79.2097, 0.3143, 0.3385 looks on a white background.

Color Contrast Check

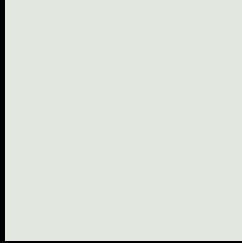
Large Text (above 18pt) WCAG AA × Fail

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 79.2097, 0.3143, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

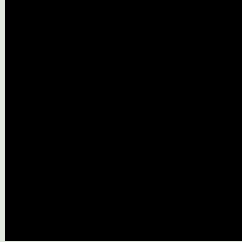
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

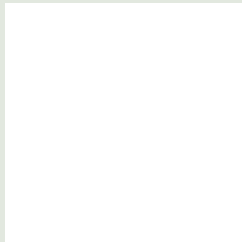
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2097, 0.3143, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 79.2097, 0.3143, 0.3385.

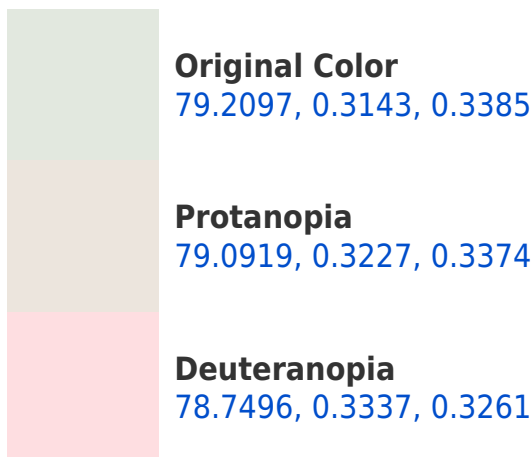


This preview shows how white text looks on a background with the Yxy color 79.2097, 0.3143, 0.3385.

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

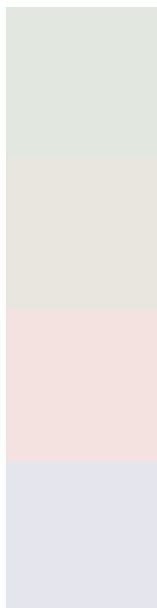




Tritanopia

79.0252, 0.3022, 0.3095

Trichromacy



Original Color

79.2097, 0.3143, 0.3385

Protanomaly

79.0234, 0.3192, 0.3374

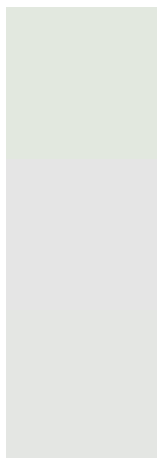
Deuteranomaly

79.0076, 0.3267, 0.3311

Tritanomaly

78.8697, 0.3070, 0.3196

Monochromacy



Original Color

79.2097, 0.3143, 0.3385

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.6337, 0.3133, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2097, 0.3143, 0.3385 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(226, 232, 223)` looks like.

```
.text, #text, p{  
    color:rgb(226, 232, 223)  
}
```

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(226, 232, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 232, 223) }
```

Border

The CSS property to change the border of an element to Yxy 79.2097, 0.3143, 0.3385 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(226, 232, 223) }
```

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

```
.border{ border-color:rgb(226, 232, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 232, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 232, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 232, 223); box-shadow:4px 4px 4px 4px rgb(226, 232, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2097, 0.3143, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 232, 223) }
```

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

```
.background{ background-color: rgb(226,  
232, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor