

Converting Colors

$Yxy(82.2835, 0.3193, 0.3331)$

Have a look what the booklet for
Yxy(82.2835, 0.3193, 0.3331)
contains.

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Color

Yxy(82.2857, 0.3193, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	EFE9E5
RGB	239, 233, 229
RGB Percent	94%, 91%, 90%
CMY	0.0628, 0.0862, 0.1019
CMYK	0.00, 0.03, 0.04, 0.06
HSL	24°, 24%, 92%
HSV	24°, 4%, 94%
XYZ	78.8767, 82.2857, 85.8676
YIQ	234.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

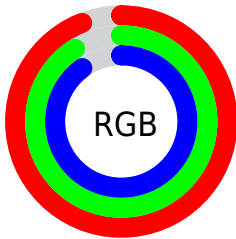
Format	Color
R _Y B	239, 236, 229
Decimal	15722981
CIE Lab	92.70, 1.33, 2.64
CIE LCh	93, 2.951, 63.272
Yxy	82.2857, 0.3193, 0.3331
Android (android.graphics.Color)	4293913061 (0xFFEFE9E5)
YUV	234.3380, -2.6316, 4.0886
Hunter-Lab	90.7115, -3.5333, 7.3740

Details

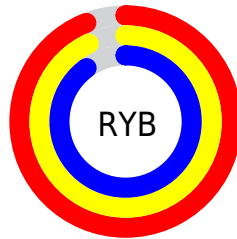
The Yxy color **82.2857, 0.3193, 0.3331** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **82.3079, 0.3063, 0.3249**, and the grayscale version is **82.5680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5676, 0.3205, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **73.2551, 0.3369, 0.3434**, and if you desaturate by 10%, it is **92.1665, 0.3042, 0.3235**.

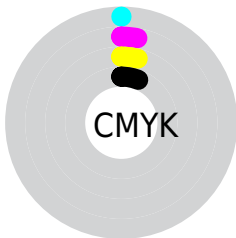
Distribution



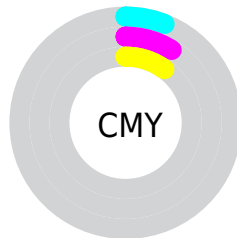
- Red (94%)
- Green (91%)
- Blue (90%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.2857, 0.3193, 0.3331 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 82.2857, 0.3193, 0.3331 by changing the saturation by 10% instead.


 82.2857, 0.3193,
0.3331

 82.2857, 0.3193,
0.3331

502.6028, 0.3163,
0.3313

 61.6011, 0.3200,
0.3335

136.5746, 0.3183,
0.3325

 44.7104, 0.3208,
0.3340


170.9476, 0.3179,
0.3322

 31.2294, 0.3218,
0.3346


210.6522, 0.3175,
0.3320

 20.7736, 0.3231,
0.3355

256.0728, 0.3172,
0.3318

 12.9586, 0.3249,
0.3365

307.5938, 0.3170,
0.3317

 7.4000, 0.3274,
0.3381

365.5995, 0.3167,

 3.7135, 0.3313,

0.3315

0.3403

430.4744, 0.3165,
0.3314

■ 1.5146, 0.3378,
0.3442

■ 0.2990, 0.4183,
0.3951

■ 82.2857, 0.3193,
0.3331

■ 82.2857, 0.3193,
0.3331

■ 73.2551, 0.3369,
0.3434

■ 92.1665, 0.3042,
0.3235

■ 65.0410, 0.3575,
0.3543

■ 97.0884, 0.3029,
0.3290

■ 57.6229, 0.3811,
0.3653

■ 50.9752, 0.4081,
0.3760

■ 45.0712, 0.4379,
0.3856

■ 39.8822, 0.4699,
0.3930

■ 35.3773, 0.5024,
0.3968

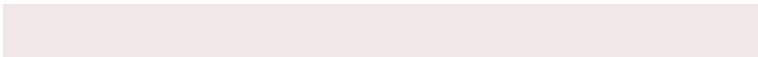
■ 31.5226, 0.5331,
0.3958

■ 28.2802, 0.5593,
0.3894

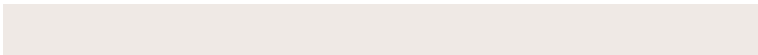
Harmonies

Analogous

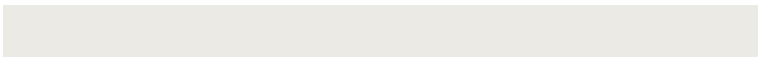
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2857, 0.3190, 0.3304



82.2857, 0.3193, 0.3331



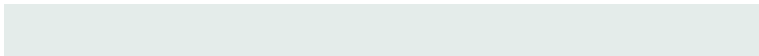
82.2857, 0.3178, 0.3347

Triad

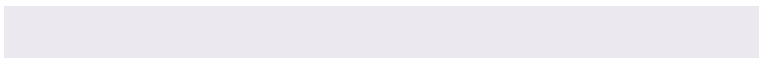
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.2857, 0.3193, 0.3331



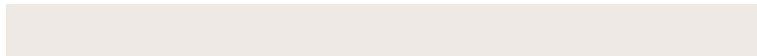
82.2857, 0.3084, 0.3306



82.2857, 0.3105, 0.3233

Complementary

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



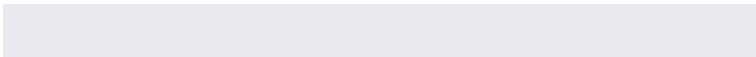
82.2857, 0.3193, 0.3331



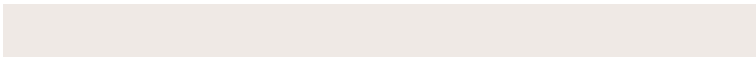
82.3079, 0.3063, 0.3249

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.



82.2857, 0.3077, 0.3234



82.2857, 0.3193, 0.3331



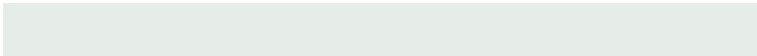
82.2857, 0.3064, 0.3276

Square

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



82.2857, 0.3193, 0.3331



82.2857, 0.3115, 0.3333



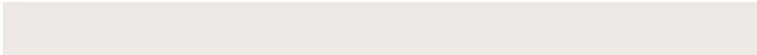
82.2857, 0.3062, 0.3249



82.2857, 0.3140, 0.3248

Rectangle

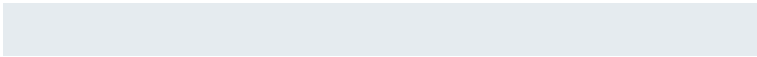
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



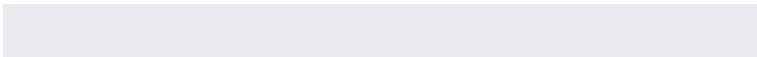
82.2857, 0.3193, 0.3331



82.2857, 0.3160, 0.3349



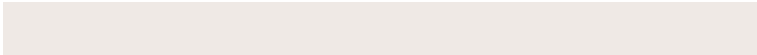
82.2857, 0.3062, 0.3249



82.2857, 0.3095, 0.3232

Sweetspot

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



82.2893, 0.3193, 0.3331



98.8648, 0.3143, 0.3300



80.3962, 0.3157, 0.3229



21.1731, 0.3142, 0.3299



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.



82.2893, 0.3193, 0.3331



94.4232, 0.3207, 0.3340



85.1497, 0.3189, 0.3382



17.5512, 0.3218, 0.3346



14.9689, 0.5695, 0.3860



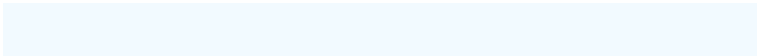
1.4349, 0.5455, 0.4051

Inverse Universe

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



82.3079, 0.3063, 0.3249



94.4490, 0.3050, 0.3240



79.4954, 0.3064, 0.3197



17.5567, 0.3040, 0.3233



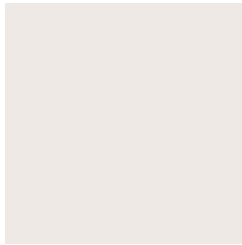
14.6225, 0.1868, 0.1923



1.4106, 0.1923, 0.2122

Previews

White Background



This preview shows how the Yxy color 82.2857, 0.3193, 0.3331 looks on a white background.

Color Contrast Check

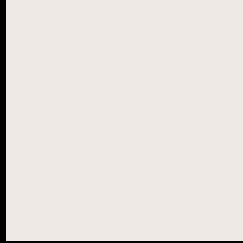
Large Text (above 18pt) WCAG AA × Fail

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 82.2857, 0.3193, 0.3331 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

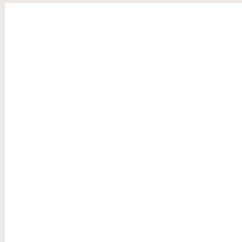
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.2857, 0.3193, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 82.2857, 0.3193, 0.3331.

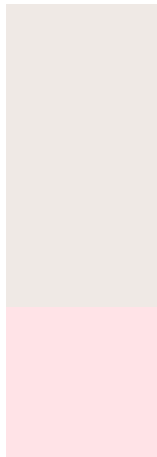


This preview shows how white text looks on a background with the Yxy color 82.2857, 0.3193, 0.3331.

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

82.2857, 0.3193, 0.3331

Protanopia

82.2857, 0.3193, 0.3331

Deuteranopia

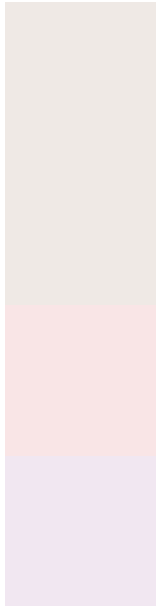
81.9677, 0.3297, 0.3251



Tritanopia

82.2482, 0.3095, 0.3110

Trichromacy



Original Color

82.2857, 0.3193, 0.3331

Protanomaly

82.2857, 0.3193, 0.3331

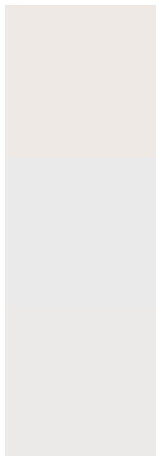
Deuteranomaly

81.8915, 0.3259, 0.3280

Tritanomaly

82.2035, 0.3132, 0.3189

Monochromacy



Original Color

82.2857, 0.3193, 0.3331

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.5047, 0.3153, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2857, 0.3193, 0.3331 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, 233, 229) looks like.

```
.text, #text, p{  
    color:rgb(239, 233, 229)  
}
```

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, 233, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 233, 229) }
```

Border

The CSS property to change the border of an element to Yxy 82.2857, 0.3193, 0.3331 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, 233, 229) }
```

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

```
.border{ border-color:rgb(239, 233, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 233, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 233, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 233, 229);  
box-shadow:4px 4px 4px 4px rgb(239, 233,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2857, 0.3193, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 233, 229) }
```

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

```
.background{ background-color: rgb(239,  
233, 229) }
```

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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