

Converting Colors

$Yxy(89.6310, 0.3140, 0.3403)$

Have a look what the booklet for
Yxy(89.6310, 0.3140, 0.3403)
contains.

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Color

Yxy(89.8566, 0.3141, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	EDF6EA
RGB	237, 246, 234
RGB Percent	93%, 96%, 92%
CMY	0.0704, 0.0353, 0.0823
CMYK	0.04, 0.00, 0.05, 0.04
HSL	105°, 40%, 94%
HSV	105°, 5%, 96%
XYZ	82.7439, 89.8566, 90.8313
YIQ	241.9410, -1.5120, -5.6400

Conversions

Conversions Part 2

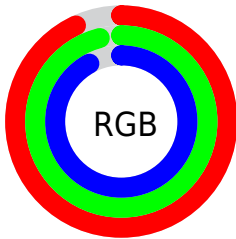
Format	Color
R _Y B	234, 246, 243
Decimal	15595242
CIE Lab	95.94, -5.07, 4.72
CIE LCh	96, 6.925, 137.012
Yxy	89.8566, 0.3141, 0.3411
Android (android.graphics.Color)	4293785322 (0xFFEDF6EA)
YUV	241.9410, -3.9149, -4.3333
Hunter-Lab	94.7927, -10.0758, 9.5427

Details

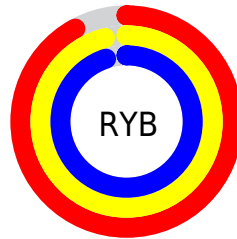
The Yxy color **89.8566, 0.3141, 0.3411** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5520, 0.3113, 0.3170**, and the grayscale version is **88.7843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.8650, 0.3144, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **85.5408, 0.3168, 0.3681**, and if you desaturate by 10%, it is **94.3870, 0.3131, 0.3204**.

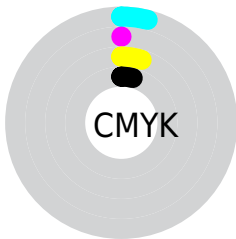
Distribution



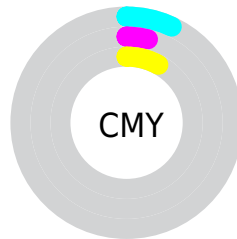
- Red (93%)
- Green (96%)
- Blue (92%)



- Red (92%)
- Yellow (96%)
- Blue (95%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)




- Cyan (7%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.8566, 0.3141, 0.3411 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 89.8566, 0.3141, 0.3411 by changing the saturation by 10% instead.


 89.8566, 0.3141,
0.3411

 89.8566, 0.3141,
0.3411


527.5643, 0.3135,
0.3357

 67.8617, 0.3142,
0.3423

147.1392, 0.3139,
0.3392

 49.7852, 0.3144,
0.3438


183.1957, 0.3138,
0.3385

 35.2428, 0.3146,
0.3456


224.7082, 0.3138,
0.3379

 23.8500, 0.3148,
0.3480

272.0610, 0.3137,
0.3373

 15.2224, 0.3151,
0.3511

325.6387, 0.3136,
0.3368

 8.9756, 0.3155,
0.3555

385.8255, 0.3136,

 4.7253, 0.3160,

0.3364

0.3621

453.0059, 0.3135,
0.3360

■ 2.0870, 0.3168,
0.3729

■ 0.6573, 0.3245,
0.4257

■ 89.8566, 0.3141,
0.3411

■ 89.8566, 0.3141,
0.3411

■ 85.5408, 0.3168,
0.3681

■ 94.3870, 0.3131,
0.3204

■ 81.7237, 0.3193,
0.3978

■ 78.3903, 0.3213,
0.4298

■ 75.5206, 0.3225,
0.4631

■ 73.0932, 0.3228,
0.4963

■ 71.0849, 0.3218,
0.5274

■ 69.4702, 0.3196,
0.5542

■ 68.2205, 0.3161,
0.5748

■ 67.3024, 0.3117,
0.5880

Harmonies

Analogous

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



89.8566, 0.3215, 0.3426



89.8566, 0.3141, 0.3411



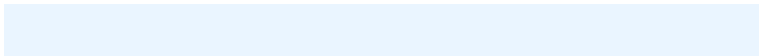
89.8566, 0.3064, 0.3363

Triad

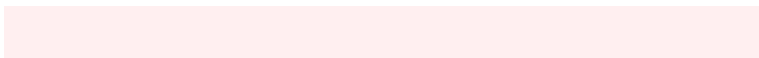
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.8566, 0.3141, 0.3411



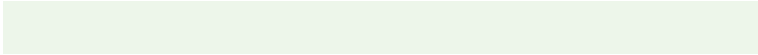
89.8566, 0.2990, 0.3176



89.8566, 0.3252, 0.3284

Complementary

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



89.8566, 0.3141, 0.3411



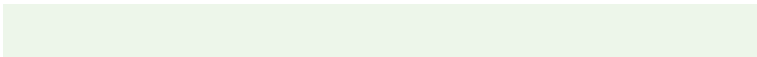
84.5520, 0.3113, 0.3170

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.



89.8566, 0.3190, 0.3219



89.8566, 0.3141, 0.3411



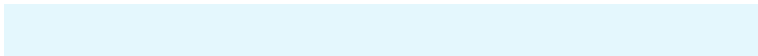
89.8566, 0.3039, 0.3157

Square

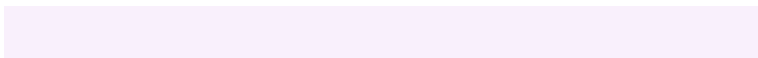
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



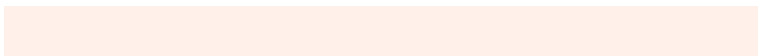
89.8566, 0.3141, 0.3411



89.8566, 0.2977, 0.3226



89.8566, 0.3112, 0.3173



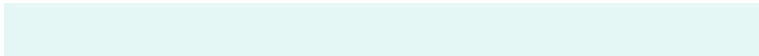
89.8566, 0.3280, 0.3351

Rectangle

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



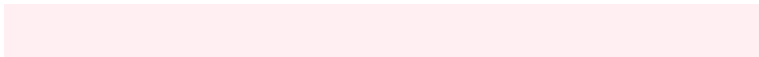
89.8566, 0.3141, 0.3411



89.8566, 0.3021, 0.3318



89.8566, 0.3112, 0.3173



89.8566, 0.3234, 0.3261

Sweetspot

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



89.8605, 0.3141, 0.3411



99.4775, 0.3130, 0.3314



89.5125, 0.3202, 0.3378



21.2978, 0.3130, 0.3313



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

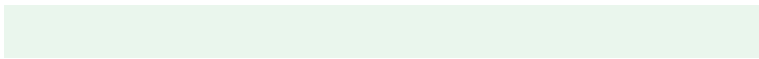
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.8605, 0.3141, 0.3411



96.9507, 0.3144, 0.3440



89.5043, 0.3105, 0.3383



18.9417, 0.3146, 0.3457



35.7889, 0.3104, 0.5918



3.1924, 0.3189, 0.5850

Inverse Universe

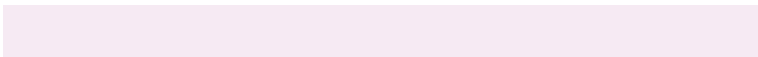
The Inverse Universe completely reimagines the original color for something new.



84.5520, 0.3113, 0.3170



89.8961, 0.3109, 0.3142



84.9260, 0.3150, 0.3199



17.4214, 0.3107, 0.3126



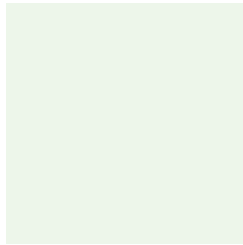
9.0406, 0.2575, 0.1192



0.8431, 0.2658, 0.1238

Previews

White Background



This preview shows how the Yxy color 89.8566, 0.3141, 0.3411 looks on a white background.

Color Contrast Check

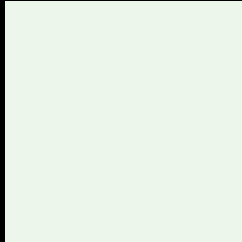
Large Text (above 18pt) WCAG AA × Fail

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 89.8566, 0.3141, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

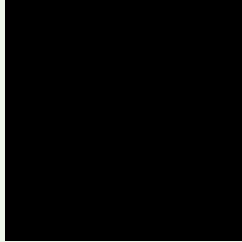
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

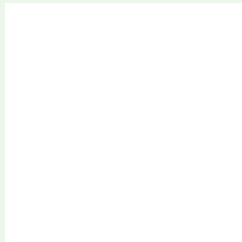
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.8566, 0.3141, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 89.8566, 0.3141, 0.3411.

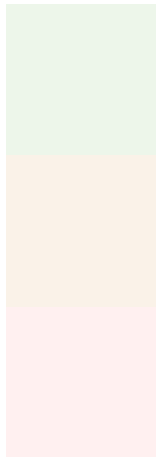


This preview shows how white text looks on a background with the Yxy color 89.8566, 0.3141, 0.3411.

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

89.8566, 0.3141, 0.3411

Protanopia

89.6545, 0.3241, 0.3389

Deuteranopia

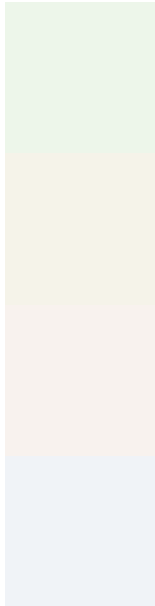
89.8714, 0.3226, 0.3290



Tritanopia

89.6015, 0.3050, 0.3162

Trichromacy



Original Color

89.8566, 0.3141, 0.3411

Protanomaly

89.3969, 0.3201, 0.3390

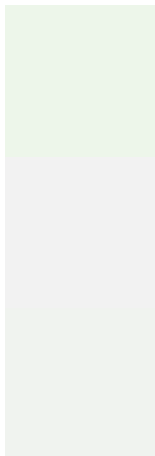
Deuteranomaly

89.6338, 0.3191, 0.3330

Tritanomaly

89.3418, 0.3084, 0.3250

Monochromacy



Original Color

89.8566, 0.3141, 0.3411

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.8584, 0.3132, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.8566, 0.3141, 0.3411 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(237, 246, 234)` looks like.

```
.text, #text, p{  
    color:rgb(237, 246, 234)  
}
```

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(237, 246, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 246, 234) }
```

Border

The CSS property to change the border of an element to Yxy 89.8566, 0.3141, 0.3411 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(237, 246, 234) }
```

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

```
.border{ border-color:rgb(237, 246, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 246, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 246, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 246, 234);  
box-shadow:4px 4px 4px 4px rgb(237, 246,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 89.8566, 0.3141, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 246, 234) }
```

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

```
.background{ background-color: rgb(237,  
246, 234) }
```

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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