

Converting Colors

$Yxy(89.8391, 0.3133, 0.3382)$

Have a look what the booklet for
Yxy(89.8391, 0.3133, 0.3382)
contains.

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Color

Yxy(89.5381, 0.3136, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	EEF5EC
RGB	238, 245, 236
RGB Percent	93%, 96%, 93%
CMY	0.0666, 0.0392, 0.0746
CMYK	0.03, 0.00, 0.04, 0.04
HSL	107°, 31%, 94%
HSV	107°, 4%, 96%
XYZ	83.0498, 89.5381, 92.2393
YIQ	241.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

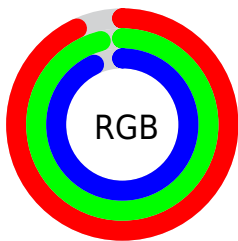
Format	Color
R _Y B	236, 245, 243
Decimal	15660524
CIE Lab	95.80, -3.91, 3.53
CIE LCh	96, 5.263, 137.940
Yxy	89.5381, 0.3136, 0.3381
Android (android.graphics.Color)	4293850604 (0xFFEEF5EC)
YUV	241.8810, -2.8993, -3.4036
Hunter-Lab	94.6246, -8.9276, 8.4417

Details

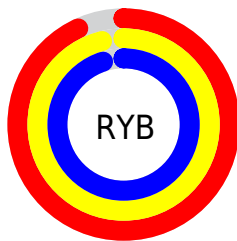
The Yxy color **89.5381, 0.3136, 0.3381** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.6179, 0.3118, 0.3200**, and the grayscale version is **88.7198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.6356, 0.3138, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **85.0988, 0.3159, 0.3648**, and if you desaturate by 10%, it is **93.7896, 0.3132, 0.3194**.

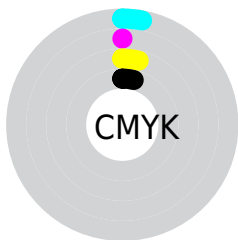
Distribution



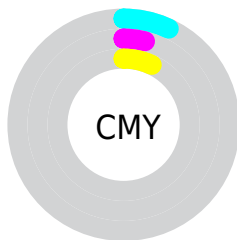
- Red (93%)
- Green (96%)
- Blue (93%)



- Red (93%)
- Yellow (96%)
- Blue (95%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.5381, 0.3136, 0.3381 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 89.5381, 0.3136, 0.3381 by changing the saturation by 10% instead.

 89.5381, 0.3136,
0.3381

 89.5381, 0.3136,
0.3381

526.5272, 0.3132,
0.3340

 67.5976, 0.3137,
0.3390


146.6966, 0.3135,
0.3367

 49.5704, 0.3138,
0.3401


182.6835, 0.3134,
0.3362

 35.0722, 0.3139,
0.3415


224.1212, 0.3134,
0.3357

 23.7185, 0.3140,
0.3432

271.3942, 0.3133,
0.3353

 15.1249, 0.3142,
0.3456

324.8869, 0.3133,
0.3349

 8.9071, 0.3145,
0.3489

384.9837, 0.3133,

 4.6806, 0.3148,

0.3346

0.3538

452.0690, 0.3132,
0.3343

■ 2.0611, 0.3154,
0.3619

■ 0.6426, 0.3199,
0.3988

■ 89.5381, 0.3136,
0.3381

■ 89.5381, 0.3136,
0.3381

■ 85.0988, 0.3159,
0.3648

■ 93.7896, 0.3132,
0.3194

■ 81.1790, 0.3179,
0.3944

■ 77.7631, 0.3196,
0.4264

■ 74.8299, 0.3205,
0.4599

■ 72.3571, 0.3206,
0.4935

■ 70.3204, 0.3196,
0.5253

■ 68.6931, 0.3174,
0.5530

■ 67.4452, 0.3141,
0.5745

■ 66.5422, 0.3101,
0.5885

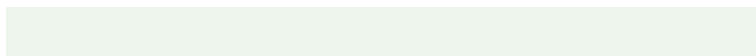
Harmonies

Analogous

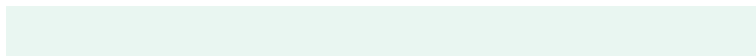
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5381, 0.3193, 0.3393



89.5381, 0.3136, 0.3381



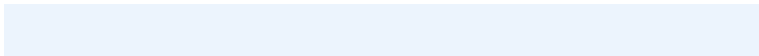
89.5381, 0.3077, 0.3344

Triad

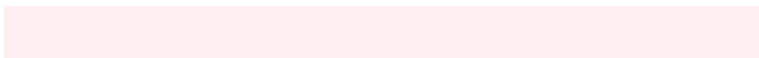
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5381, 0.3136, 0.3381



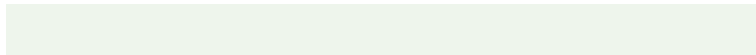
89.5381, 0.3023, 0.3203



89.5381, 0.3223, 0.3287

Complementary

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



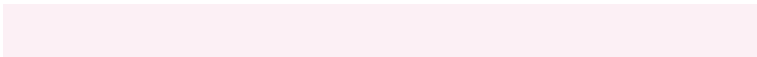
89.5381, 0.3136, 0.3381



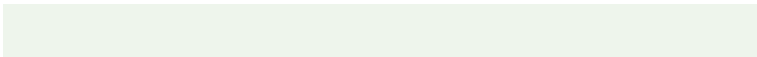
85.6179, 0.3118, 0.3200

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.



89.5381, 0.3177, 0.3237



89.5381, 0.3136, 0.3381



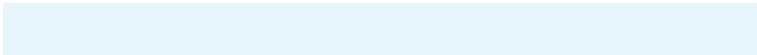
89.5381, 0.3062, 0.3189

Square

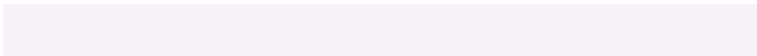
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



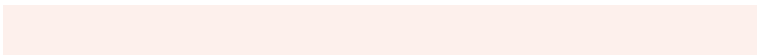
89.5381, 0.3136, 0.3381



89.5381, 0.3013, 0.3240



89.5381, 0.3118, 0.3202



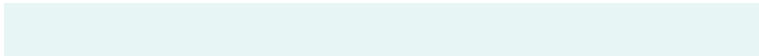
89.5381, 0.3243, 0.3338

Rectangle

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



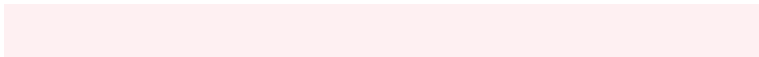
89.5381, 0.3136, 0.3381



89.5381, 0.3045, 0.3310



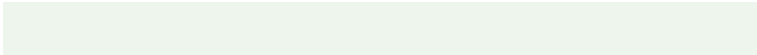
89.5381, 0.3118, 0.3202



89.5381, 0.3210, 0.3270

Sweetspot

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



89.5419, 0.3136, 0.3381



99.4639, 0.3130, 0.3314



89.5094, 0.3183, 0.3359



21.2950, 0.3129, 0.3313



0.0000, 0.0000, 0.0000



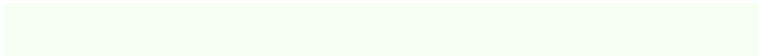
21.4041, 0.3127, 0.3290

Same Dimension

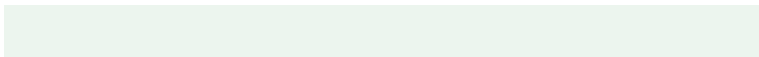
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5419, 0.3136, 0.3381



97.8917, 0.3137, 0.3389



89.3331, 0.3109, 0.3357



19.1125, 0.3138, 0.3408



35.6706, 0.3084, 0.5933



3.1791, 0.3166, 0.5869

Inverse Universe

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



85.6179, 0.3118, 0.3200



93.2313, 0.3117, 0.3192



85.8353, 0.3146, 0.3224



18.0371, 0.3115, 0.3174



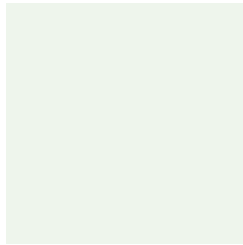
9.5057, 0.2645, 0.1231



0.8805, 0.2719, 0.1272

Previews

White Background



This preview shows how the Yxy color 89.5381, 0.3136, 0.3381 looks on a white background.

Color Contrast Check

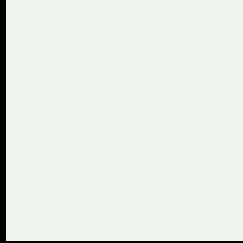
Large Text (above 18pt) WCAG AA × Fail

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 89.5381, 0.3136, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

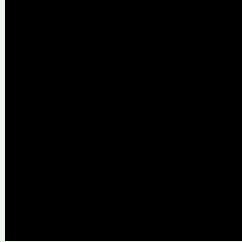
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

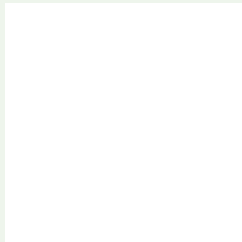
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.5381, 0.3136, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 89.5381, 0.3136, 0.3381.

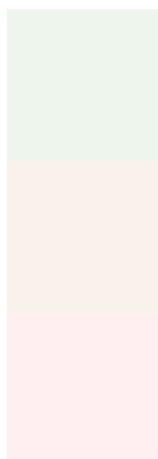


This preview shows how white text looks on a background with the Yxy color 89.5381, 0.3136, 0.3381.

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

89.5381, 0.3136, 0.3381

Protanopia

89.5845, 0.3222, 0.3369

Deuteranopia

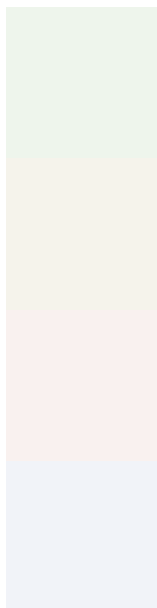
89.3439, 0.3221, 0.3271



Tritanopia

89.6015, 0.3050, 0.3162

Trichromacy



Original Color

89.5381, 0.3136, 0.3381

Protanomaly

89.5118, 0.3189, 0.3370

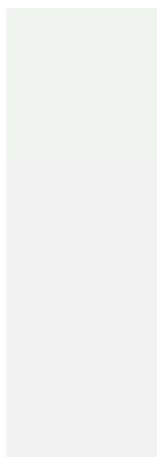
Deuteranomaly

89.2823, 0.3192, 0.3310

Tritanomaly

89.5793, 0.3084, 0.3240

Monochromacy



Original Color

89.5381, 0.3136, 0.3381

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.0932, 0.3132, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.5381, 0.3136, 0.3381 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(238, 245, 236)` looks like.

```
.text, #text, p{  
    color:rgb(238, 245, 236)  
}
```

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(238, 245, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 245, 236) }
```

Border

The CSS property to change the border of an element to Yxy 89.5381, 0.3136, 0.3381 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(238, 245, 236) }
```

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

```
.border{ border-color:rgb(238, 245, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 245, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 245, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 245, 236); box-shadow:4px 4px 4px 4px rgb(238, 245, 236) }
```


Background

The CSS property to change the background color of an element to Yxy 89.5381, 0.3136, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 245, 236) }
```

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

```
.background{ background-color: rgb(238,  
245, 236) }
```

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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