

Converting Colors

Yxy(89.4622, 0.3041, 0.3386)

Have a look what the booklet for
Yxy(89.4622, 0.3041, 0.3386)
contains.

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Color

Yxy(89.5355, 0.3041, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	E2F8EF
RGB	226, 248, 239
RGB Percent	89%, 97%, 94%
CMY	0.1138, 0.0274, 0.0627
CMYK	0.09, 0.00, 0.04, 0.03
HSL	155°, 61%, 93%
HSV	155°, 9%, 97%
XYZ	80.5078, 89.5355, 94.6980
YIQ	240.3960, -10.2230, -7.4630

Conversions

Conversions Part 2

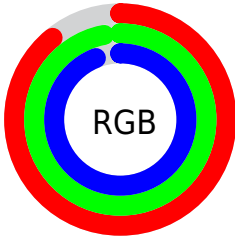
Format	Color
R _Y B	226, 240, 248
Decimal	14874863
CIE Lab	95.80, -8.83, 1.86
CIE LCh	96, 9.024, 168.122
Yxy	89.5355, 0.3041, 0.3382
Android (android.graphics.Color)	4293064943 (0xFFE2F8EF)
YUV	240.3960, -0.6882, -12.6253
Hunter-Lab	94.6232, -13.7183, 6.8994

Details

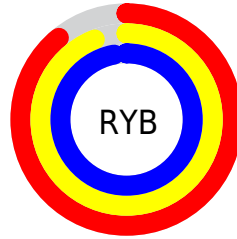
The Yxy color **89.5355, 0.3041, 0.3382** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.3424, 0.3222, 0.3200**, and the grayscale version is **87.4761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7761, 0.3026, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **85.2328, 0.2947, 0.3497**, and if you desaturate by 10%, it is **94.4593, 0.3138, 0.3279**.

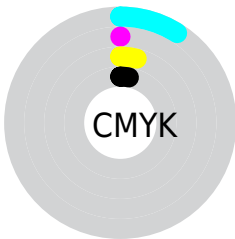
Distribution



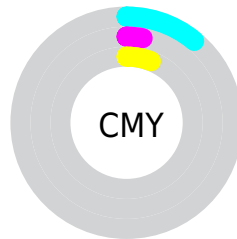
- Red (89%)
- Green (97%)
- Blue (94%)



- Red (89%)
- Yellow (94%)
- Blue (97%)



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





- Cyan (11%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.5355, 0.3041, 0.3382 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 89.5355, 0.3041, 0.3382 by changing the saturation by 10% instead.

 89.5355, 0.3041,
0.3382

 89.5355, 0.3041,
0.3382


526.5187, 0.3080,
0.3341

 67.5955, 0.3032,
0.3391


146.6930, 0.3054,
0.3368

 49.5687, 0.3022,
0.3402


182.6793, 0.3059,
0.3362

 35.0708, 0.3009,
0.3416


224.1164, 0.3064,
0.3358

 23.7174, 0.2993,
0.3434

271.3888, 0.3068,
0.3353

 15.1241, 0.2971,
0.3458

324.8808, 0.3071,
0.3350

 8.9066, 0.2940,
0.3491

384.9769, 0.3074,

 4.6803, 0.2894,

0.3346

0.3541

452.0614, 0.3077,
0.3343

■ 2.0609, 0.2820,
0.3623

■ 0.6425, 0.2458,
0.3997

■ 89.5355, 0.3041,
0.3382

■ 89.5355, 0.3041,
0.3382

■ 85.2328, 0.2947,
0.3497

■ 94.4593, 0.3138,
0.3279

■ 81.5146, 0.2858,
0.3623

■ 95.6206, 0.3130,
0.3223

■ 78.3575, 0.2779,
0.3761

■ 75.7321, 0.2711,
0.3908

■ 73.6064, 0.2658,
0.4063

■ 71.9448, 0.2624,
0.4223

■ 70.7066, 0.2609,
0.4385

■ 69.8439, 0.2616,
0.4545

■ 69.2861, 0.2641,
0.4700

Harmonies

Analogous

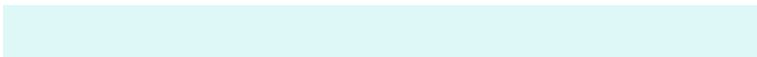
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5355, 0.3141, 0.3447



89.5355, 0.3041, 0.3382



89.5355, 0.2965, 0.3292

Triad

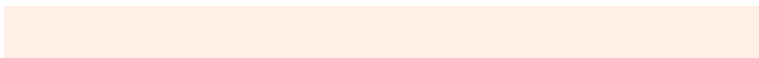
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.5355, 0.3041, 0.3382



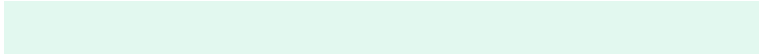
89.5355, 0.3015, 0.3117



89.5355, 0.3327, 0.3372

Complementary

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



89.5355, 0.3041, 0.3382



80.3424, 0.3222, 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.



89.5355, 0.3292, 0.3285



89.5355, 0.3041, 0.3382



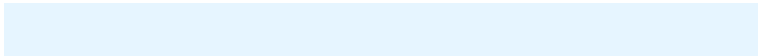
89.5355, 0.3111, 0.3140

Square

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



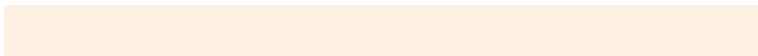
89.5355, 0.3041, 0.3382



89.5355, 0.2950, 0.3140



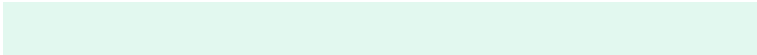
89.5355, 0.3213, 0.3201



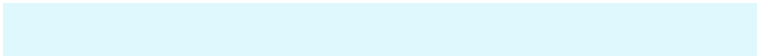
89.5355, 0.3307, 0.3439

Rectangle

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



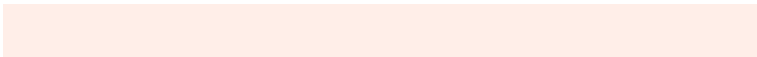
89.5355, 0.3041, 0.3382



89.5355, 0.2937, 0.3231



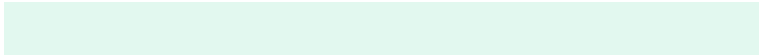
89.5355, 0.3213, 0.3201



89.5355, 0.3321, 0.3344

Sweetspot

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



89.5393, 0.3041, 0.3382



98.3779, 0.3098, 0.3320



90.3209, 0.3175, 0.3514



20.9663, 0.3090, 0.3328



0.0000, 0.0000, 0.0000



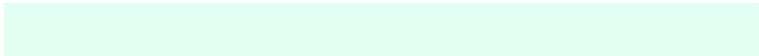
21.4041, 0.3127, 0.3290

Same Dimension

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



89.5393, 0.3041, 0.3382



94.3455, 0.3021, 0.3406



88.9623, 0.2990, 0.3271



19.4814, 0.3035, 0.3389



37.4248, 0.2637, 0.4693



3.4872, 0.2585, 0.4507

Inverse Universe

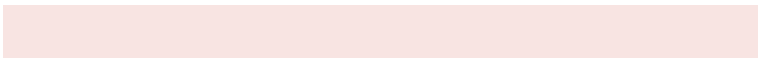
The Inverse Universe completely reimagines the original color for something new.



80.3424, 0.3222, 0.3200



82.3690, 0.3248, 0.3177



80.8380, 0.3280, 0.3309



17.3430, 0.3229, 0.3193



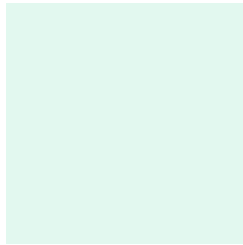
11.3193, 0.5344, 0.2718



1.0688, 0.5032, 0.2546

Previews

White Background



This preview shows how the Yxy color 89.5355, 0.3041, 0.3382 looks on a white background.

Color Contrast Check

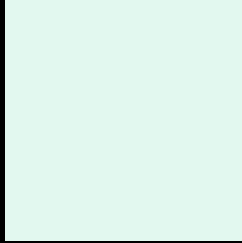
Large Text (above 18pt) WCAG AA × Fail

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 89.5355, 0.3041, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

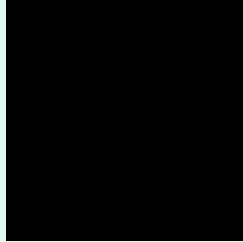
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

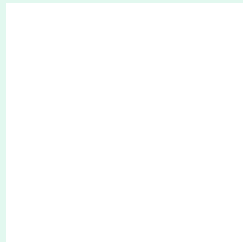
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.5355, 0.3041, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 89.5355, 0.3041, 0.3382.

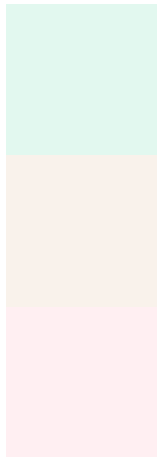


This preview shows how white text looks on a background with the Yxy color 89.5355, 0.3041, 0.3382.

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

89.5355, 0.3041, 0.3382

Protanopia

89.6422, 0.3216, 0.3359

Deuteranopia

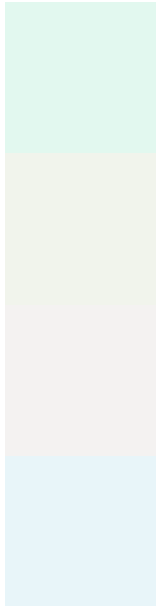
89.4038, 0.3215, 0.3261



Tritanopia

89.7542, 0.3012, 0.3181

Trichromacy



Original Color

89.5355, 0.3041, 0.3382

Protanomaly

89.4583, 0.3156, 0.3370

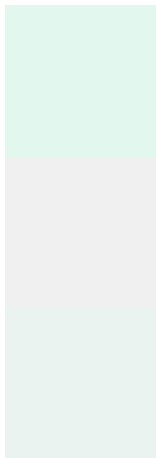
Deuteranomaly

89.0882, 0.3146, 0.3300

Tritanomaly

89.3002, 0.3021, 0.3249

Monochromacy



Original Color

89.5355, 0.3041, 0.3382

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

88.0546, 0.3093, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.5355, 0.3041, 0.3382 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, 248, 239)` looks like.

```
.text, #text, p{  
    color:rgb(226, 248, 239)  
}
```

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, 248, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 248, 239) }
```

Border

The CSS property to change the border of an element to Yxy 89.5355, 0.3041, 0.3382 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, 248, 239) }
```

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

```
.border{ border-color:rgb(226, 248, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 248, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 248, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 248, 239);  
box-shadow:4px 4px 4px 4px rgb(226, 248,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 89.5355, 0.3041, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 248, 239) }
```

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

```
.background{ background-color: rgb(226,  
248, 239) }
```

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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