

Converting Colors

Yxy(89.2435, 0.3045, 0.3400)

Have a look what the booklet for
Yxy(89.2435, 0.3045, 0.3400)
contains.

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Color

Yxy(89.2568, 0.3046, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	E1F8ED
RGB	225, 248, 237
RGB Percent	88%, 97%, 93%
CMY	0.1178, 0.0274, 0.0706
CMYK	0.09, 0.00, 0.04, 0.03
HSL	151°, 62%, 93%
HSV	151°, 9%, 97%
XYZ	79.8931, 89.2568, 93.1387
YIQ	239.8690, -10.1770, -8.2970

Conversions

Conversions Part 2

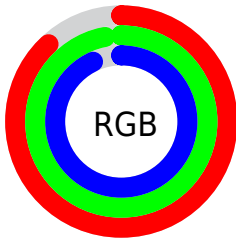
Format	Color
R _Y B	225, 240, 248
Decimal	14809325
CIE Lab	95.69, -9.54, 2.71
CIE LCh	96, 9.915, 164.133
Yxy	89.2568, 0.3046, 0.3403
Android (android.graphics.Color)	4292999405 (0xFFE1F8ED)
YUV	239.8690, -1.4144, -13.0401
Hunter-Lab	94.4758, -14.3849, 7.6822

Details

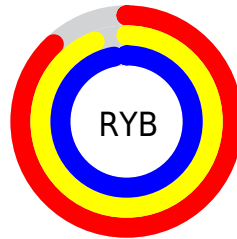
The Yxy color **89.2568, 0.3046, 0.3403** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.8380, 0.3217, 0.3180**, and the grayscale version is **87.0434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.5815, 0.3033, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **84.8911, 0.2961, 0.3538**, and if you desaturate by 10%, it is **94.2547, 0.3133, 0.3282**.

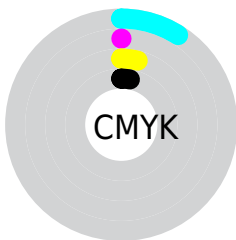
Distribution



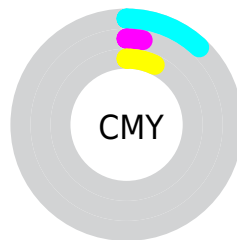
- Red (88%)
- Green (97%)
- Blue (93%)



- Red (88%)
- Yellow (94%)
- Blue (97%)



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





- Cyan (12%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.2568, 0.3046, 0.3403 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 89.2568, 0.3046, 0.3403 by changing the saturation by 10% instead.

 89.2568, 0.3046,
0.3403

 89.2568, 0.3046,
0.3403


525.6103, 0.3082,
0.3352

 67.3644, 0.3038,
0.3414


146.3056, 0.3058,
0.3386

 49.3808, 0.3028,
0.3428


182.2308, 0.3063,
0.3379

 34.9217, 0.3016,
0.3445


223.6025, 0.3068,
0.3373

 23.6025, 0.3000,
0.3468


270.8049, 0.3071,
0.3368

 15.0390, 0.2979,
0.3497

324.2225, 0.3075,
0.3363

 8.8468, 0.2950,
0.3539

384.2396, 0.3078,

 4.6414, 0.2906,

0.3359

0.3601

451.2408, 0.3080,
0.3355

■ 2.0384, 0.2834,
0.3704

■ 0.6297, 0.2452,
0.4222

■ 89.2568, 0.3046,
0.3403

■ 89.2568, 0.3046,
0.3403

■ 84.8911, 0.2961,
0.3538


■ 94.2547, 0.3133,
0.3282


■ 81.1206, 0.2881,
0.3688


■ 95.6264, 0.3130,
0.3223


■ 77.9214, 0.2809,
0.3851


■ 75.2638, 0.2749,
0.4025

 73.1152, 0.2703,
0.4209

 71.4394, 0.2675,
0.4398

 70.1951, 0.2666,
0.4588

 69.3335, 0.2679,
0.4773

 68.7801, 0.2709,
0.4949

Harmonies

Analogous

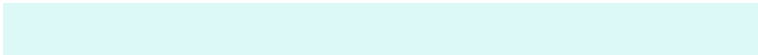
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2568, 0.3157, 0.3469



89.2568, 0.3046, 0.3403



89.2568, 0.2957, 0.3306

Triad

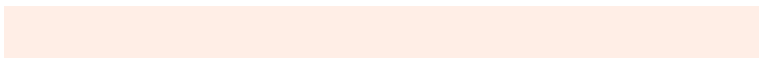
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2568, 0.3046, 0.3403



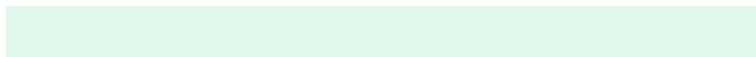
89.2568, 0.2992, 0.3101



89.2568, 0.3345, 0.3368

Complementary

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



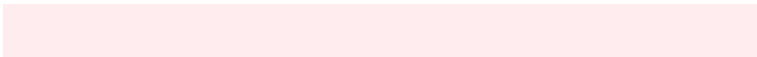
89.2568, 0.3046, 0.3403



79.8380, 0.3217, 0.3180

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.



89.2568, 0.3299, 0.3271



89.2568, 0.3046, 0.3403



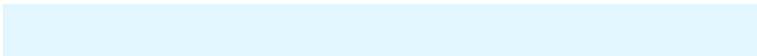
89.2568, 0.3094, 0.3119

Square

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



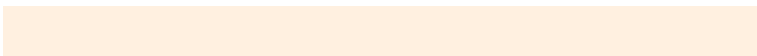
89.2568, 0.3046, 0.3403



89.2568, 0.2926, 0.3132



89.2568, 0.3207, 0.3181



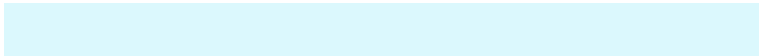
89.2568, 0.3331, 0.3446

Rectangle

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



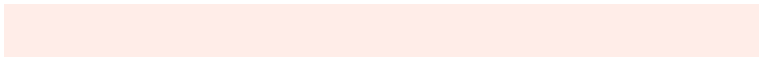
89.2568, 0.3046, 0.3403



89.2568, 0.2923, 0.3238



89.2568, 0.3207, 0.3181



89.2568, 0.3336, 0.3337

Sweetspot

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



89.2606, 0.3046, 0.3403



98.3448, 0.3101, 0.3325



90.4300, 0.3188, 0.3525



20.9574, 0.3094, 0.3335



0.0000, 0.0000, 0.0000



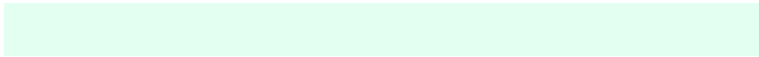
21.4041, 0.3127, 0.3290

Same Dimension

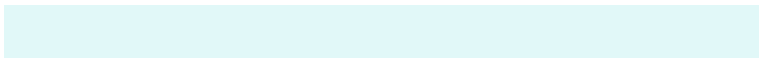
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2606, 0.3046, 0.3403



94.2298, 0.3031, 0.3425



89.6883, 0.2983, 0.3286



19.4607, 0.3044, 0.3406



37.1592, 0.2704, 0.4933



3.4630, 0.2645, 0.4722

Inverse Universe

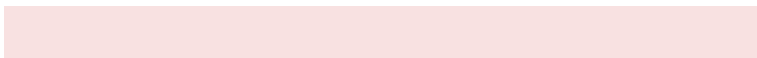
The Inverse Universe completely reimagines the original color for something new.



79.8380, 0.3217, 0.3180



82.4827, 0.3235, 0.3159



79.4254, 0.3290, 0.3294



17.3633, 0.3219, 0.3177



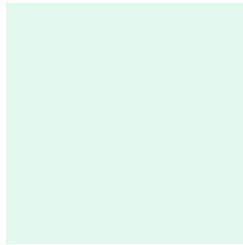
11.5207, 0.5058, 0.2560



1.0883, 0.4779, 0.2406

Previews

White Background



This preview shows how the Yxy color 89.2568, 0.3046, 0.3403 looks on a white background.

Color Contrast Check

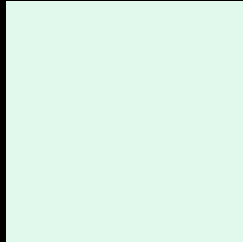
Large Text (above 18pt) WCAG AA × Fail

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 89.2568, 0.3046, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

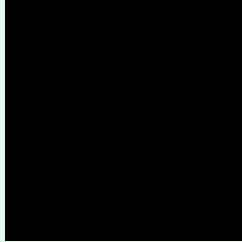
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

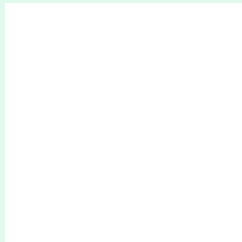
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.2568, 0.3046, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 89.2568, 0.3046, 0.3403.

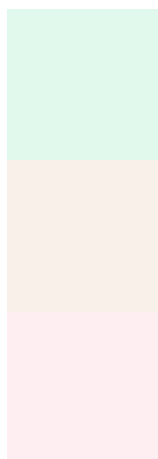


This preview shows how white text looks on a background with the Yxy color 89.2568, 0.3046, 0.3403.

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

89.2568, 0.3046, 0.3403

Protanopia

88.9335, 0.3229, 0.3370

Deuteranopia

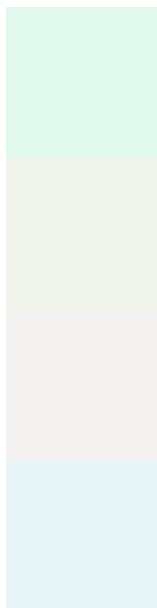
88.7599, 0.3222, 0.3261



Tritanopia

88.9834, 0.3006, 0.3170

Trichromacy



Original Color

89.2568, 0.3046, 0.3403

Protanomaly

89.1671, 0.3161, 0.3391

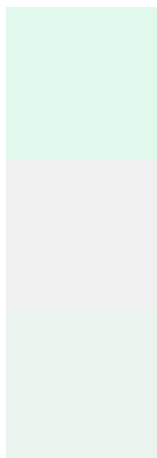
Deuteranomaly

89.0286, 0.3152, 0.3310

Tritanomaly

89.0711, 0.3021, 0.3259

Monochromacy



Original Color

89.2568, 0.3046, 0.3403

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.9953, 0.3099, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2568, 0.3046, 0.3403 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(225, 248, 237)` looks like.

```
.text, #text, p{  
    color:rgb(225, 248, 237)  
}
```

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(225, 248, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 248, 237) }
```

Border

The CSS property to change the border of an element to Yxy 89.2568, 0.3046, 0.3403 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(225, 248, 237) }
```

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

```
.border{ border-color:rgb(225, 248, 237) }
```

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

Here you see how a box with a 4 pixel rgb(225, 248, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 248, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 248, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 248,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2568, 0.3046, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 248, 237) }
```

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

```
.background{ background-color: rgb(225,  
248, 237) }
```

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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