

Converting Colors

Yxy(89.6296, 0.3142, 0.3530)

Have a look what the booklet for
Yxy(89.6296, 0.3142, 0.3530)
contains.

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Color

Yxy(89.8456, 0.3141, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	E5F9E1
RGB	229, 249, 225
RGB Percent	90%, 98%, 88%
CMY	0.1019, 0.0235, 0.1176
CMYK	0.08, 0.00, 0.10, 0.02
HSL	110°, 67%, 93%
HSV	110°, 10%, 98%
XYZ	79.7866, 89.8456, 84.3842
YIQ	240.2840, -4.2160, -11.7040

Conversions

Conversions Part 2

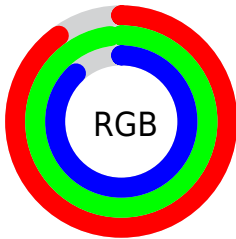
Format	Color
R _Y B	225, 249, 245
Decimal	15071713
CIE Lab	95.93, -10.80, 9.28
CIE LCh	96, 14.241, 139.343
Yxy	89.8456, 0.3141, 0.3537
Android (android.graphics.Color)	4293261793 (0xFFE5F9E1)
YUV	240.2840, -7.5350, -9.8961
Hunter-Lab	94.7869, -15.6254, 13.5678

Details

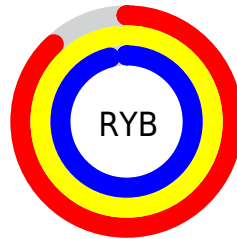
The Yxy color **89.8456, 0.3141, 0.3537** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.1127, 0.3111, 0.3051**, and the grayscale version is **87.4401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9264, 0.3137, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **85.3765, 0.3153, 0.3824**, and if you desaturate by 10%, it is **94.9283, 0.3127, 0.3281**.

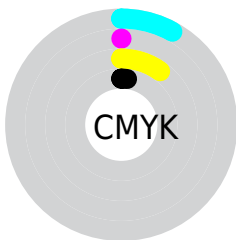
Distribution



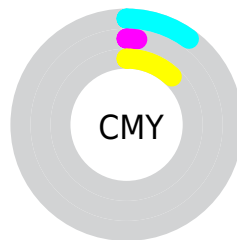
- Red (90%)
- Green (98%)
- Blue (88%)



- Red (88%)
- Yellow (98%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)




- Cyan (10%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.8456, 0.3141, 0.3537 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 89.8456, 0.3141, 0.3537 by changing the saturation by 10% instead.

 89.8456, 0.3141,
0.3537

 89.8456, 0.3141,
0.3537

527.5285, 0.3136,
0.3425

 67.8526, 0.3142,
0.3562

147.1239, 0.3139,
0.3499

 49.7778, 0.3143,
0.3593


183.1780, 0.3139,
0.3484

 35.2369, 0.3144,
0.3631


224.6879, 0.3138,
0.3471

 23.8454, 0.3145,
0.3681

272.0380, 0.3138,
0.3459

 15.2190, 0.3146,
0.3747

325.6127, 0.3137,
0.3449

 8.9732, 0.3147,
0.3841

385.7965, 0.3137,

 4.7237, 0.3146,

0.3440

0.3982

452.9736, 0.3136,
0.3432

■ 2.0861, 0.3139,
0.4220

■ 0.6568, 0.3327,
0.6060

■ 89.8456, 0.3141,
0.3537

■ 89.8456, 0.3141,
0.3537

■ 85.3765, 0.3153,
0.3824

■ 94.9283, 0.3127,
0.3281

■ 81.4867, 0.3163,
0.4139

■ 96.2303, 0.3130,
0.3233

■ 78.1556, 0.3167,
0.4476

■ 75.3573, 0.3165,
0.4821

■ 73.0636, 0.3155,
0.5156

■ 71.2437, 0.3136,
0.5457

■ 69.8634, 0.3110,
0.5701

■ 68.8833, 0.3077,
0.5870

■ 68.2516, 0.3045,
0.5963

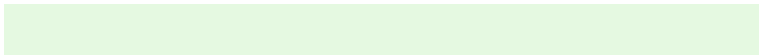
Harmonies

Analogous

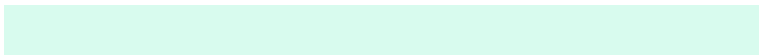
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.8456, 0.3296, 0.3572



89.8456, 0.3141, 0.3537



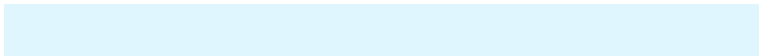
89.8456, 0.2985, 0.3431

Triad

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



89.8456, 0.3141, 0.3537



89.8456, 0.2852, 0.3050



89.8456, 0.3392, 0.3286

Complementary

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



89.8456, 0.3141, 0.3537



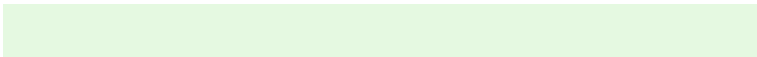
80.1127, 0.3111, 0.3051

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.



89.8456, 0.3267, 0.3155



89.8456, 0.3141, 0.3537



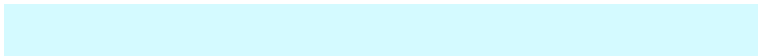
89.8456, 0.2956, 0.3020

Square

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



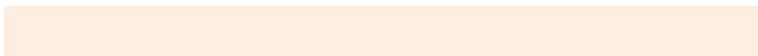
89.8456, 0.3141, 0.3537



89.8456, 0.2821, 0.3146



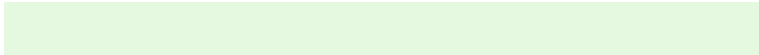
89.8456, 0.3107, 0.3059



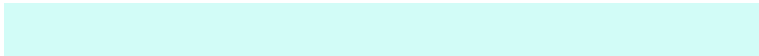
89.8456, 0.3444, 0.3422

Rectangle

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



89.8456, 0.3141, 0.3537



89.8456, 0.2901, 0.3335



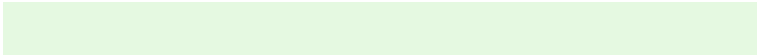
89.8456, 0.3107, 0.3059



89.8456, 0.3357, 0.3240

Sweetspot

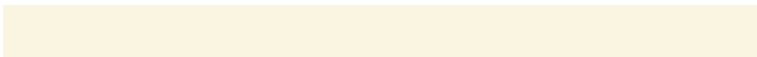
The Sweet Spot groups the original color and five complimentary colors.



89.8495, 0.3141, 0.3537



98.3283, 0.3132, 0.3364



90.6412, 0.3276, 0.3485



20.9528, 0.3133, 0.3384



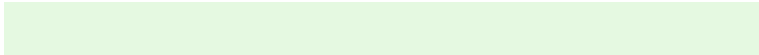
0.0000, 0.0000, 0.0000



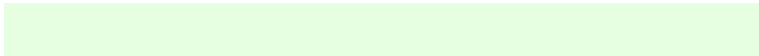
21.4041, 0.3127, 0.3290

Same Dimension

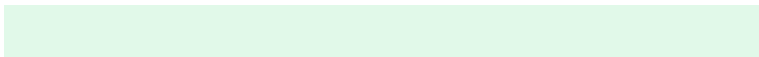
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.8495, 0.3141, 0.3537



93.6653, 0.3144, 0.3603



89.6223, 0.3071, 0.3459



19.4484, 0.3141, 0.3533



36.5654, 0.3050, 0.5960



3.4248, 0.3117, 0.5907

Inverse Universe

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



80.1127, 0.3111, 0.3051



81.0506, 0.3106, 0.2990



80.3761, 0.3188, 0.3127



17.3693, 0.3111, 0.3054



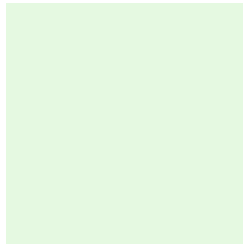
10.8494, 0.2790, 0.1310



1.0425, 0.2842, 0.1340

Previews

White Background



This preview shows how the Yxy color 89.8456, 0.3141, 0.3537 looks on a white background.

Color Contrast Check

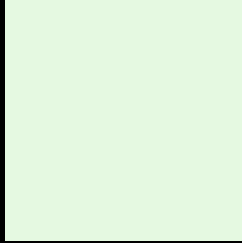
Large Text (above 18pt) WCAG AA × Fail

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 89.8456, 0.3141, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

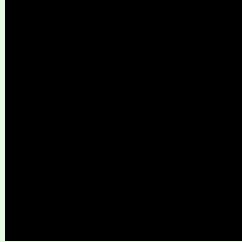
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

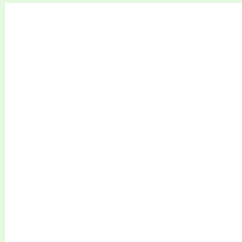
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.8456, 0.3141, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 89.8456, 0.3141, 0.3537.

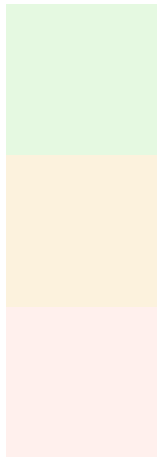


This preview shows how white text looks on a background with the Yxy color 89.8456, 0.3141, 0.3537.

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

89.8456, 0.3141, 0.3537

Protanopia

89.4202, 0.3324, 0.3499

Deuteranopia

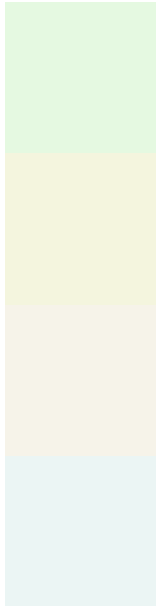
89.6946, 0.3245, 0.3320



Tritanopia

89.4983, 0.3024, 0.3171

Trichromacy



Original Color

89.8456, 0.3141, 0.3537

Protanomaly

89.8118, 0.3260, 0.3522

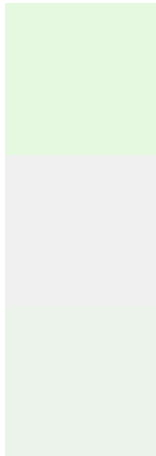
Deuteranomaly

89.5772, 0.3208, 0.3390

Tritanomaly

89.4986, 0.3069, 0.3300

Monochromacy



Original Color

89.8456, 0.3141, 0.3537

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.9322, 0.3130, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.8456, 0.3141, 0.3537 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(229, 249, 225)` looks like.

```
.text, #text, p{  
    color:rgb(229, 249, 225)  
}
```

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(229, 249, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 249, 225) }
```

Border

The CSS property to change the border of an element to Yxy 89.8456, 0.3141, 0.3537 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(229, 249, 225) }
```

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

```
.border{ border-color:rgb(229, 249, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 249, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 249, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 249, 225);  
box-shadow:4px 4px 4px 4px rgb(229, 249,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 89.8456, 0.3141, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 249, 225) }
```

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

```
.background{ background-color: rgb(229,  
249, 225) }
```

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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