

Converting Colors

Yxy(89.4788, 0.3137, 0.3517)

Have a look what the booklet for
Yxy(89.4788, 0.3137, 0.3517)
contains.

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Color

Yxy(89.2838, 0.3136, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	E5F8E2
RGB	229, 248, 226
RGB Percent	90%, 97%, 89%
CMY	0.1018, 0.0274, 0.1138
CMYK	0.08, 0.00, 0.09, 0.03
HSL	112°, 61%, 93%
HSV	112°, 9%, 97%
XYZ	79.6116, 89.2838, 84.9681
YIQ	239.8110, -4.2620, -10.8700

Conversions

Conversions Part 2

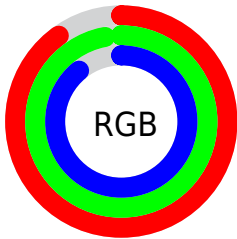
Format	Color
R _Y B	226, 248, 245
Decimal	15071458
CIE Lab	95.70, -10.14, 8.45
CIE LCh	96, 13.201, 140.188
Yxy	89.2838, 0.3136, 0.3517
Android (android.graphics.Color)	4293261538 (0xFFE5F8E2)
YUV	239.8110, -6.8088, -9.4812
Hunter-Lab	94.4901, -14.9645, 12.8279

Details

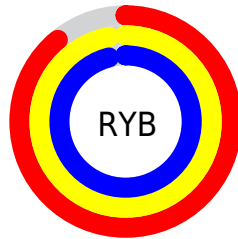
The Yxy color **89.2838, 0.3136, 0.3517** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.5575, 0.3117, 0.3070**, and the grayscale version is **87.0432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.5238, 0.3130, 0.3569** is the 20% darker color. If you saturate the color by 10%, you get **84.7228, 0.3144, 0.3803**, and if you desaturate by 10%, it is **94.4816, 0.3126, 0.3263**.

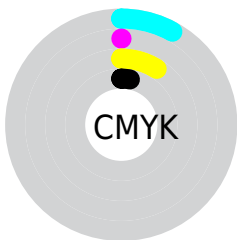
Distribution



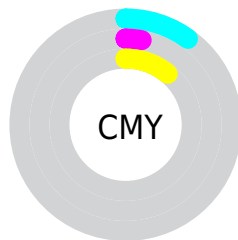
- Red (90%)
- Green (97%)
- Blue (89%)



- Red (89%)
- Yellow (97%)
- Blue (96%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)




- Cyan (10%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.2838, 0.3136, 0.3517 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 89.2838, 0.3136, 0.3517 by changing the saturation by 10% instead.


 89.2838, 0.3136,
0.3517

 89.2838, 0.3136,
0.3517


525.6983, 0.3133,
0.3414

 67.3868, 0.3137,
0.3540


146.3432, 0.3135,
0.3482

 49.3990, 0.3137,
0.3568

182.2743, 0.3135,
0.3468

 34.9361, 0.3138,
0.3604


223.6523, 0.3134,
0.3456

 23.6137, 0.3138,
0.3649

270.8614, 0.3134,
0.3445

 15.0473, 0.3138,
0.3710

324.2863, 0.3134,
0.3436

 8.8526, 0.3138,
0.3796

384.3111, 0.3133,

 4.6451, 0.3135,

0.3428

0.3927

451.3203, 0.3133,
0.3421

■ 2.0406, 0.3127,
0.4146

■ 0.6309, 0.3263,
0.5847

■ 89.2838, 0.3136,
0.3517

■ 89.2838, 0.3136,
0.3517

■ 84.7228, 0.3144,
0.3803

■ 94.4816, 0.3126,
0.3263

■ 80.7631, 0.3149,
0.4118

■ 95.6151, 0.3130,
0.3223

■ 77.3829, 0.3150,
0.4456

■ 74.5548, 0.3146,
0.4804

■ 72.2491, 0.3134,
0.5144

■ 70.4334, 0.3116,
0.5450

■ 69.0713, 0.3091,
0.5700

■ 68.1215, 0.3063,
0.5873

■ 67.5310, 0.3034,
0.5967

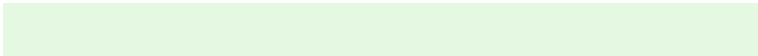
Harmonies

Analogous

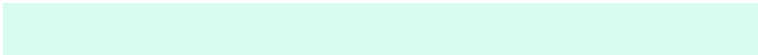
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2838, 0.3281, 0.3552



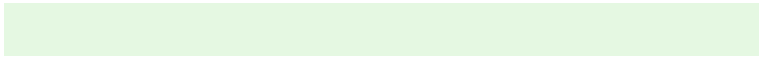
89.2838, 0.3136, 0.3517



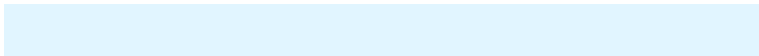
89.2838, 0.2991, 0.3417

Triad

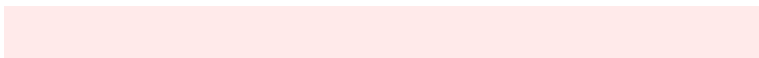
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2838, 0.3136, 0.3517



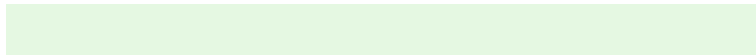
89.2838, 0.2873, 0.3066



89.2838, 0.3375, 0.3290

Complementary

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



89.2838, 0.3136, 0.3517



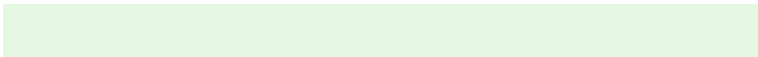
80.5575, 0.3117, 0.3070

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.



89.2838, 0.3261, 0.3168



89.2838, 0.3136, 0.3517



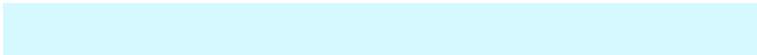
89.2838, 0.2971, 0.3039

Square

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



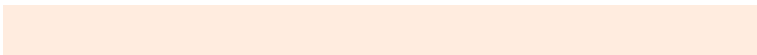
89.2838, 0.3136, 0.3517



89.2838, 0.2842, 0.3153



89.2838, 0.3113, 0.3077



89.2838, 0.3421, 0.3416

Rectangle

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



89.2838, 0.3136, 0.3517



89.2838, 0.2914, 0.3328



89.2838, 0.3113, 0.3077



89.2838, 0.3343, 0.3248

Sweetspot

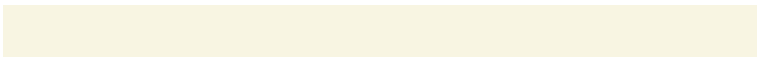
The Sweet Spot groups the original color and five complimentary colors.



89.2876, 0.3136, 0.3517



98.2888, 0.3130, 0.3364



90.5673, 0.3263, 0.3477



20.9422, 0.3131, 0.3384



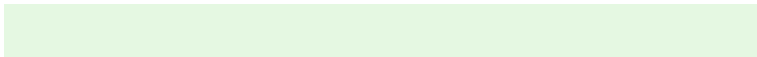
0.0000, 0.0000, 0.0000



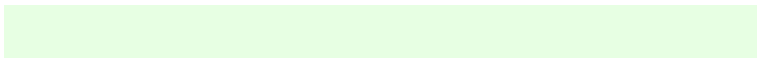
21.4041, 0.3127, 0.3290

Same Dimension

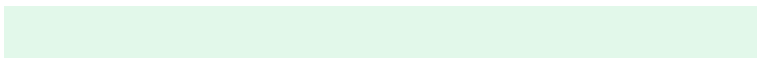
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2876, 0.3136, 0.3517



94.0262, 0.3138, 0.3575



89.2218, 0.3072, 0.3437



19.4247, 0.3137, 0.3534



36.4884, 0.3037, 0.5970



3.4137, 0.3098, 0.5922

Inverse Universe

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



80.5575, 0.3117, 0.3070



82.6599, 0.3114, 0.3016



80.6431, 0.3187, 0.3147



17.3953, 0.3116, 0.3055



11.3959, 0.2860, 0.1349



1.0880, 0.2904, 0.1374

Previews

White Background



This preview shows how the Yxy color 89.2838, 0.3136, 0.3517 looks on a white background.

Color Contrast Check

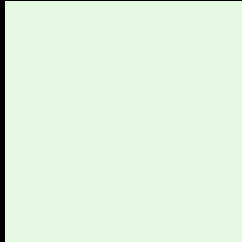
Large Text (above 18pt) WCAG AA × Fail

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 89.2838, 0.3136, 0.3517 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

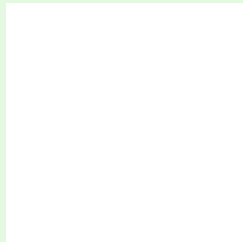
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.2838, 0.3136, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 89.2838, 0.3136, 0.3517.

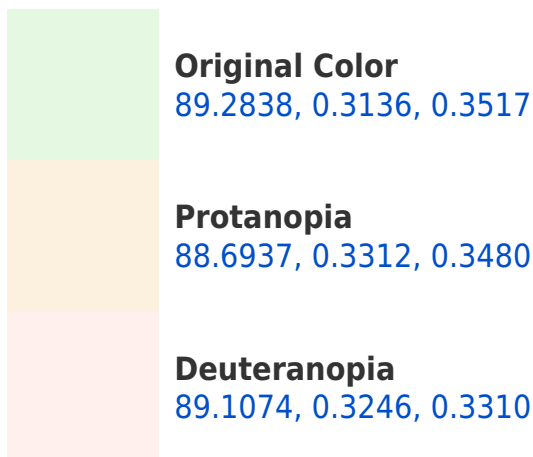


This preview shows how white text looks on a background with the Yxy color 89.2838, 0.3136, 0.3517.

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

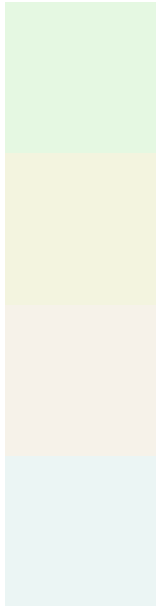




Tritanopia

89.4983, 0.3024, 0.3171

Trichromacy



Original Color

89.2838, 0.3136, 0.3517

Protanomaly

89.0838, 0.3249, 0.3502

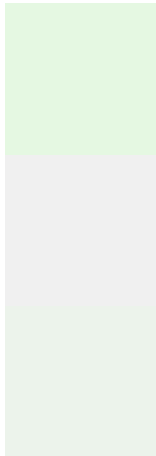
Deuteranomaly

88.9803, 0.3208, 0.3380

Tritanomaly

89.4986, 0.3069, 0.3300

Monochromacy



Original Color

89.2838, 0.3136, 0.3517

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 89.2838, 0.3136, 0.3517 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, 248, 226)` looks like.

```
.text, #text, p{  
    color:rgb(229, 248, 226)  
}
```

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, 248, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 248, 226) }
```

Border

The CSS property to change the border of an element to Yxy 89.2838, 0.3136, 0.3517 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, 248, 226) }
```

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

```
.border{ border-color:rgb(229, 248, 226) }
```

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

Here you see how a box with a 4 pixel rgb(229, 248, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 248, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 248, 226);  
box-shadow:4px 4px 4px 4px rgb(229, 248,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2838, 0.3136, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 248, 226) }
```

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

```
.background{ background-color: rgb(229,  
248, 226) }
```

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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