

Converting Colors

Yxy(88.9525, 0.3111, 0.3530)

Have a look what the booklet for
Yxy(88.9525, 0.3111, 0.3530)
contains.

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Color

Yxy(89.2499, 0.3110, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	E1F9E2
RGB	225, 249, 226
RGB Percent	88%, 98%, 89%
CMY	0.1176, 0.0235, 0.1139
CMYK	0.10, 0.00, 0.09, 0.02
HSL	122°, 67%, 93%
HSV	122°, 10%, 98%
XYZ	78.6532, 89.2499, 85.0011
YIQ	239.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

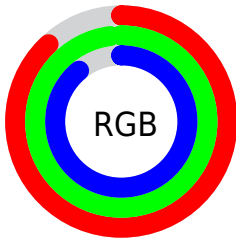
Format	Color
R _Y B	225, 248, 249
Decimal	14809570
CIE Lab	95.68, -11.98, 8.40
CIE LCh	96, 14.633, 144.946
Yxy	89.2499, 0.3110, 0.3529
Android (android.graphics.Color)	4292999650 (0xFFE1F9E2)
YUV	239.2020, -6.5086, -12.4552
Hunter-Lab	94.4722, -16.7153, 12.7845

Details

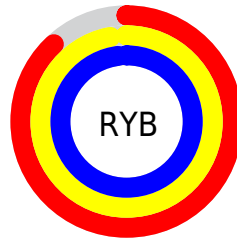
The Yxy color **89.2499, 0.3110, 0.3529** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.7817, 0.3144, 0.3062**, and the grayscale version is **86.5400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.6263, 0.3105, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **84.3160, 0.3091, 0.3810**, and if you desaturate by 10%, it is **94.9583, 0.3128, 0.3282**.

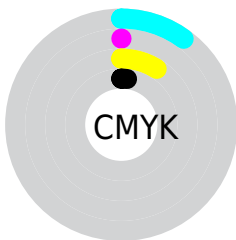
Distribution



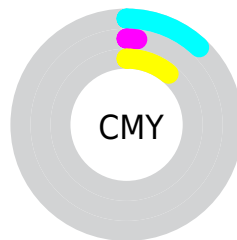
- Red (88%)
- Green (98%)
- Blue (89%)



- Red (88%)
- Yellow (97%)
- Blue (98%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)





- Cyan (12%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.2499, 0.3110, 0.3529 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 89.2499, 0.3110, 0.3529 by changing the saturation by 10% instead.

 89.2499, 0.3110,
0.3529

 89.2499, 0.3110,
0.3529


525.5878, 0.3119,
0.3421

 67.3587, 0.3108,
0.3553

146.2960, 0.3113,
0.3492

 49.3762, 0.3105,
0.3583


182.2197, 0.3114,
0.3477

 34.9180, 0.3102,
0.3621


223.5897, 0.3115,
0.3465

 23.5997, 0.3097,
0.3669

270.7904, 0.3116,
0.3454

 15.0369, 0.3090,
0.3734

324.2061, 0.3117,
0.3444

 8.8453, 0.3080,
0.3825

384.2214, 0.3118,

 4.6404, 0.3063,

0.3435

0.3964

451.2204, 0.3118,
0.3427

■ 2.0379, 0.3031,
0.4199

■ 0.6293, 0.2961,
0.6094

■ 89.2499, 0.3110,
0.3529

■ 89.2499, 0.3110,
0.3529

■ 84.3160, 0.3091,
0.3810

■ 94.9583, 0.3128,
0.3282

■ 80.1125, 0.3071,
0.4124

■ 96.2348, 0.3130,
0.3233

■ 76.6080, 0.3050,
0.4463

■ 73.7647, 0.3031,
0.4815

■ 71.5411, 0.3015,
0.5159

■ 69.8910, 0.3002,
0.5469

■ 68.7616, 0.2995,
0.5720

■ 68.0907, 0.2994,
0.5892

■ 67.7840, 0.2995,
0.5981

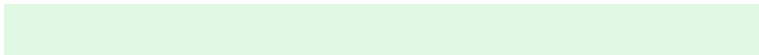
Harmonies

Analogous

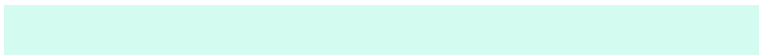
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.2499, 0.3273, 0.3580



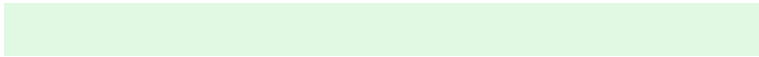
89.2499, 0.3110, 0.3529



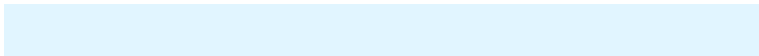
89.2499, 0.2954, 0.3409

Triad

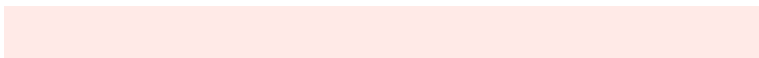
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2499, 0.3110, 0.3529



89.2499, 0.2859, 0.3032



89.2499, 0.3416, 0.3313

Complementary

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



89.2499, 0.3110, 0.3529



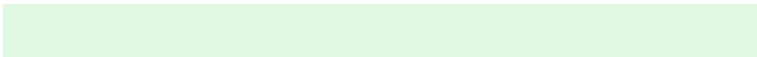
80.7817, 0.3144, 0.3062

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.



89.2499, 0.3300, 0.3174



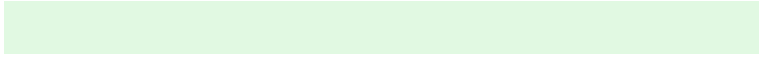
89.2499, 0.3110, 0.3529



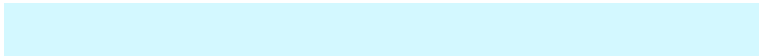
89.2499, 0.2977, 0.3015

Square

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



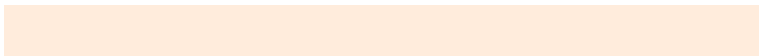
89.2499, 0.3110, 0.3529



89.2499, 0.2812, 0.3119



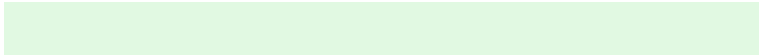
89.2499, 0.3138, 0.3067



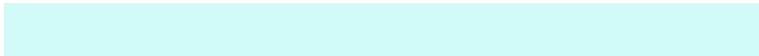
89.2499, 0.3453, 0.3449

Rectangle

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



89.2499, 0.3110, 0.3529



89.2499, 0.2875, 0.3308



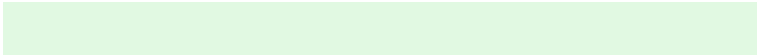
89.2499, 0.3138, 0.3067



89.2499, 0.3385, 0.3265

Sweetspot

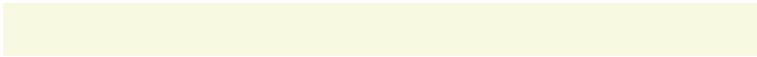
The Sweet Spot groups the original color and five complimentary colors.



89.2537, 0.3110, 0.3529



98.1135, 0.3122, 0.3361



93.1861, 0.3266, 0.3528



20.8951, 0.3121, 0.3381



0.0000, 0.0000, 0.0000



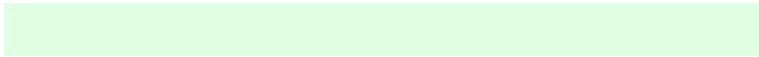
21.4041, 0.3127, 0.3290

Same Dimension

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



89.2537, 0.3110, 0.3529



92.9003, 0.3106, 0.3593



89.9270, 0.3042, 0.3405



19.3203, 0.3110, 0.3525



36.2825, 0.2993, 0.5976



3.3641, 0.2977, 0.5917

Inverse Universe

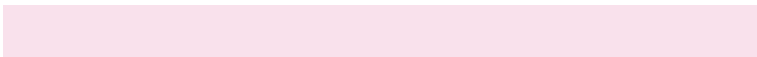
The Inverse Universe completely reimagines the original color for something new.



80.7817, 0.3144, 0.3062



81.9295, 0.3149, 0.3005



80.0688, 0.3222, 0.3178



17.5121, 0.3144, 0.3065



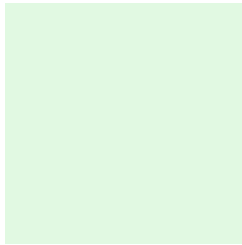
14.1291, 0.3310, 0.1597



1.3122, 0.3297, 0.1590

Previews

White Background



This preview shows how the Yxy color 89.2499, 0.3110, 0.3529 looks on a white background.

Color Contrast Check

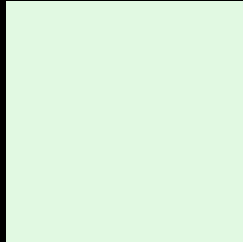
Large Text (above 18pt) WCAG AA × Fail

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 89.2499, 0.3110, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

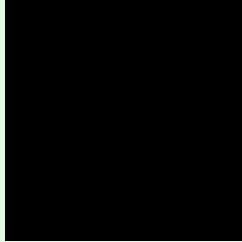
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

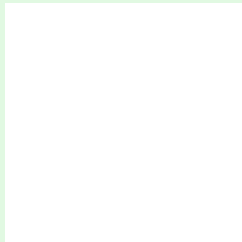
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.2499, 0.3110, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 89.2499, 0.3110, 0.3529.

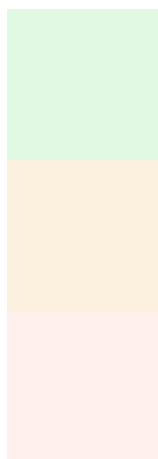


This preview shows how white text looks on a background with the Yxy color 89.2499, 0.3110, 0.3529.

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

89.2499, 0.3110, 0.3529

Protanopia

88.6937, 0.3312, 0.3480

Deuteranopia

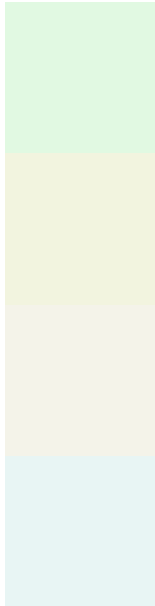
89.1074, 0.3246, 0.3310



Tritanopia

89.1541, 0.3012, 0.3170

Trichromacy



Original Color

89.2499, 0.3110, 0.3529

Protanomaly

88.9063, 0.3242, 0.3503

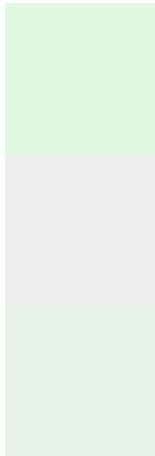
Deuteranomaly

89.2175, 0.3194, 0.3390

Tritanomaly

88.9923, 0.3050, 0.3300

Monochromacy



Original Color

89.2499, 0.3110, 0.3529

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.5341, 0.3123, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.2499, 0.3110, 0.3529 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, 249, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 249, 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(225, 249, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 249, 226) }
```

Border

The CSS property to change the border of an element to Yxy 89.2499, 0.3110, 0.3529 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, 249, 226) }
```

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

```
.border{ border-color:rgb(225, 249, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 249, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 249, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 249, 226);  
box-shadow:4px 4px 4px 4px rgb(225, 249,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 89.2499, 0.3110, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 249, 226) }
```

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

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