

Converting Colors

$Yxy(85.9077, 0.3191, 0.3592)$

Have a look what the booklet for
Yxy(85.9077, 0.3191, 0.3592)
contains.

Yxy(85.9386, 0.3191, 0.3594)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(85.9386, 0.3191, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	E3F4D7
RGB	227, 244, 215
RGB Percent	89%, 96%, 84%
CMY	0.1097, 0.0431, 0.1567
CMYK	0.07, 0.00, 0.12, 0.04
HSL	95°, 57%, 90%
HSV	95°, 12%, 96%
XYZ	76.3022, 85.9386, 76.8761
YIQ	235.6110, -0.8230, -12.6230

Conversions

Conversions Part 2

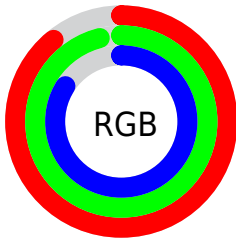
Format	Color
R _Y B	215, 244, 232
Decimal	14939351
CIE Lab	94.29, -10.67, 12.06
CIE LCh	94, 16.104, 131.517
Yxy	85.9386, 0.3191, 0.3594
Android (android.graphics.Color)	4293129431 (0xFFE3F4D7)
YUV	235.6110, -10.1612, -7.5518
Hunter-Lab	92.7031, -15.3103, 15.7246

Details

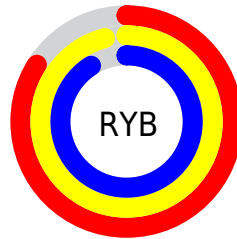
The Yxy color **85.9386, 0.3191, 0.3594** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.3060, 0.3056, 0.2989**, and the grayscale version is **83.6532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2752, 0.3209, 0.3670** is the 20% darker color. If you saturate the color by 10%, you get **82.5496, 0.3243, 0.3876**, and if you desaturate by 10%, it is **89.7153, 0.3137, 0.3336**.

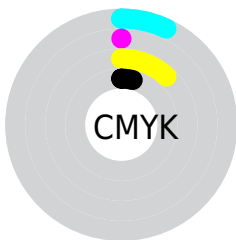
Distribution



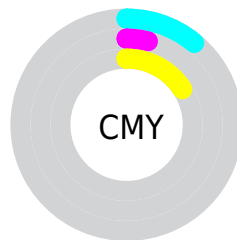
- Red (89%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)




- Cyan (11%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.9386, 0.3191, 0.3594 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 85.9386, 0.3191, 0.3594 by changing the saturation by 10% instead.


 85.9386, 0.3191,
0.3594

 85.9386, 0.3191,
0.3594

514.7287, 0.3164,
0.3455

 64.6172, 0.3197,
0.3625


141.6838, 0.3182,
0.3546

 47.1507, 0.3204,
0.3664


176.8764, 0.3178,
0.3527

 33.1548, 0.3212,
0.3713


217.4615, 0.3175,
0.3511

 22.2451, 0.3222,
0.3776

263.8235, 0.3172,
0.3497

 14.0371, 0.3236,
0.3861

316.3469, 0.3170,
0.3485

 8.1465, 0.3252,
0.3981

375.4159, 0.3167,

 4.1888, 0.3274,

0.3474

0.4166

441.4151, 0.3165,
0.3464

■ 1.7797, 0.3300,
0.4485

■ 0.4745, 0.2864,
0.7136

■ 85.9386, 0.3191,
0.3594

■ 85.9386, 0.3191,
0.3594

■ 82.5496, 0.3243,
0.3876

■ 89.7153, 0.3137,
0.3336

■ 79.5243, 0.3290,
0.4176

■ 93.1804, 0.3132,
0.3185

■ 76.8526, 0.3330,
0.4489

■ 74.5198, 0.3358,
0.4800

■ 72.5102, 0.3369,
0.5096

■ 70.8063, 0.3363,
0.5359

■ 69.3886, 0.3336,
0.5571

■ 68.2346, 0.3291,
0.5723

■ 67.4657, 0.3245,
0.5805

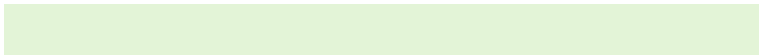
Harmonies

Analogous

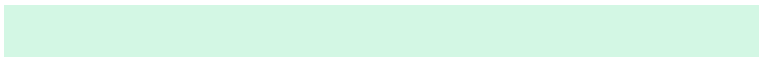
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9386, 0.3361, 0.3609



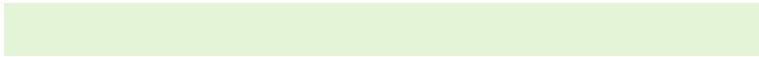
85.9386, 0.3191, 0.3594



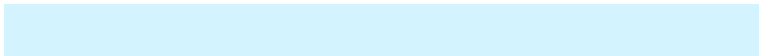
85.9386, 0.3008, 0.3490

Triad

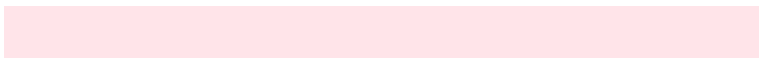
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.9386, 0.3191, 0.3594



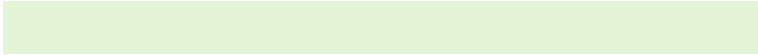
85.9386, 0.2794, 0.3037



85.9386, 0.3400, 0.3244

Complementary

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



85.9386, 0.3191, 0.3594



72.3060, 0.3056, 0.2989

Split Complementary

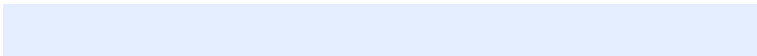
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.9386, 0.3242, 0.3102



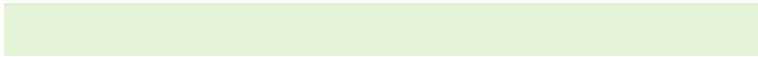
85.9386, 0.3191, 0.3594



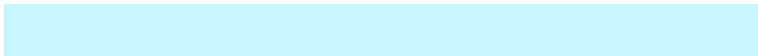
85.9386, 0.2893, 0.2982

Square

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



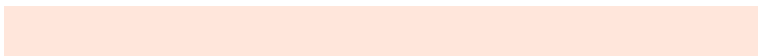
85.9386, 0.3191, 0.3594



85.9386, 0.2782, 0.3162



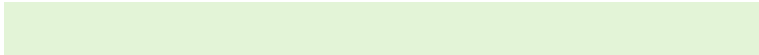
85.9386, 0.3055, 0.3007



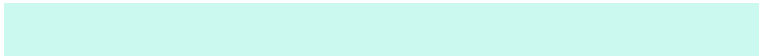
85.9386, 0.3485, 0.3401

Rectangle

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



85.9386, 0.3191, 0.3594



85.9386, 0.2902, 0.3386



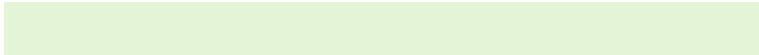
85.9386, 0.3055, 0.3007



85.9386, 0.3354, 0.3193

Sweetspot

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



85.9423, 0.3191, 0.3594



98.2440, 0.3149, 0.3389



81.8139, 0.3320, 0.3464



20.9592, 0.3153, 0.3408



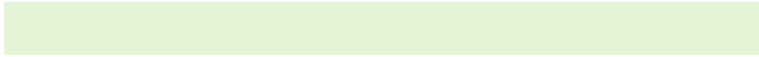
0.0000, 0.0000, 0.0000



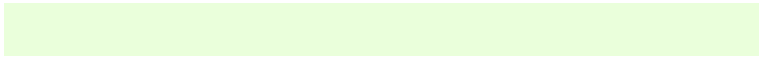
21.4041, 0.3127, 0.3290

Same Dimension

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



85.9423, 0.3191, 0.3594



94.1552, 0.3202, 0.3653



84.1852, 0.3098, 0.3575



18.8069, 0.3178, 0.3530



36.7603, 0.3257, 0.5796



3.2896, 0.3354, 0.5719

Inverse Universe

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



72.3060, 0.3056, 0.2989



76.6046, 0.3042, 0.2932



74.2355, 0.3157, 0.3021



16.4066, 0.3072, 0.3052



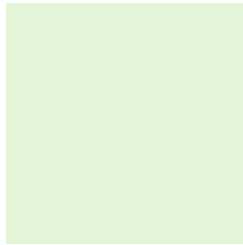
6.8100, 0.2201, 0.0986



0.6587, 0.2323, 0.1054

Previews

White Background



This preview shows how the Yxy color 85.9386, 0.3191, 0.3594 looks on a white background.

Color Contrast Check

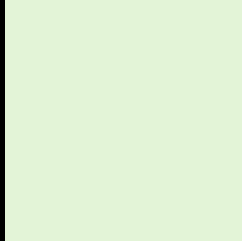
Large Text (above 18pt) WCAG AA × Fail

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 85.9386, 0.3191, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

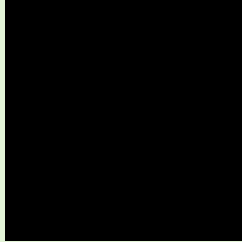
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

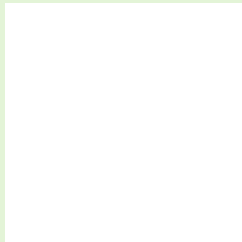
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.9386, 0.3191, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 85.9386, 0.3191, 0.3594.

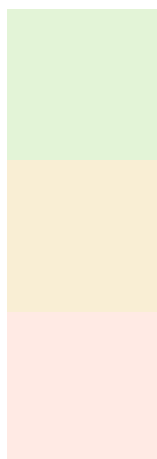


This preview shows how white text looks on a background with the Yxy color 85.9386, 0.3191, 0.3594.

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

85.9386, 0.3191, 0.3594

Protanopia

86.0423, 0.3367, 0.3553

Deuteranopia

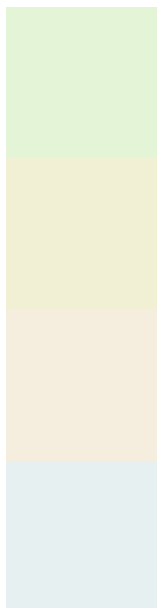
85.7071, 0.3309, 0.3350



Tritanopia

85.8615, 0.2999, 0.3119

Trichromacy



Original Color

85.9386, 0.3191, 0.3594

Protanomaly

85.8250, 0.3302, 0.3567

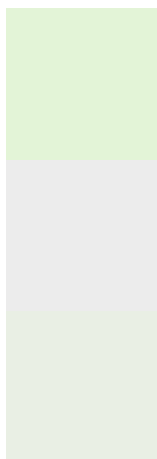
Deuteranomaly

85.8893, 0.3268, 0.3442

Tritanomaly

85.6004, 0.3069, 0.3290

Monochromacy



Original Color

85.9386, 0.3191, 0.3594

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

84.6581, 0.3155, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.9386, 0.3191, 0.3594 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(227, 244, 215)` looks like.

```
.text, #text, p{  
    color:rgb(227, 244, 215)  
}
```

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(227, 244, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 244, 215) }
```

Border

The CSS property to change the border of an element to Yxy 85.9386, 0.3191, 0.3594 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(227, 244, 215) }
```

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

```
.border{ border-color:rgb(227, 244, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 244, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 244, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 244, 215);  
box-shadow:4px 4px 4px 4px rgb(227, 244,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 85.9386, 0.3191, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 244, 215) }
```

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

```
.background{ background-color: rgb(227,  
244, 215) }
```

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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