

Converting Colors

$Yxy(91.6748, 0.3256, 0.3783)$

Have a look what the booklet for
Yxy(91.6748, 0.3256, 0.3783)
contains.

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Color

Yxy(91.5298, 0.3256, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	E6FDCE
RGB	230, 253, 206
RGB Percent	90%, 99%, 81%
CMY	0.0979, 0.0078, 0.1921
CMYK	0.09, 0.00, 0.19, 0.01
HSL	89°, 92%, 90%
HSV	89°, 19%, 99%
XYZ	78.9042, 91.5298, 71.9007
YIQ	240.7650, 1.3790, -19.4930

Conversions

Conversions Part 2

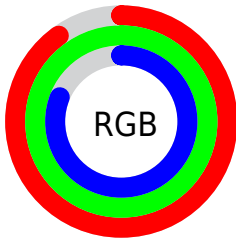
Format	Color
R _Y B	206, 253, 229
Decimal	15138254
CIE Lab	96.63, -15.54, 20.02
CIE LCh	97, 25.349, 127.823
Yxy	91.5298, 0.3256, 0.3777
Android (android.graphics.Color)	4293328334 (0xFFE6FDCE)
YUV	240.7650, -17.1391, -9.4409
Hunter-Lab	95.6712, -20.2080, 22.4111

Details

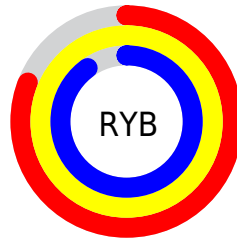
The Yxy color **91.5298, 0.3256, 0.3777** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.8900, 0.2977, 0.2803**, and the grayscale version is **87.9102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.7455, 0.3276, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **88.4267, 0.3322, 0.4066**, and if you desaturate by 10%, it is **94.9840, 0.3187, 0.3506**.

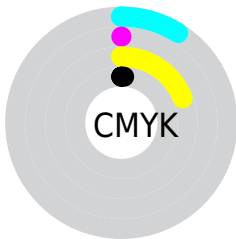
Distribution



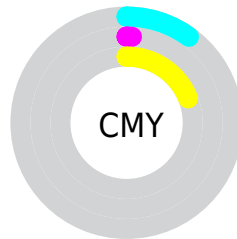
- Red (90%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (90%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)





- Cyan (10%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.5298, 0.3256, 0.3777 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 91.5298, 0.3256, 0.3777 by changing the saturation by 10% instead.


 91.5298, 0.3256,
0.3777

 91.5298, 0.3256,
0.3777


532.9948, 0.3202,
0.3555

 69.2502, 0.3267,
0.3827

149.4615, 0.3238,
0.3701

 50.9155, 0.3280,
0.3888


185.8824, 0.3231,
0.3671

 36.1413, 0.3296,
0.3964


227.7858, 0.3225,
0.3645

 24.5434, 0.3314,
0.4063

275.5562, 0.3219,
0.3623

 15.7372, 0.3337,
0.4195

329.5779, 0.3214,
0.3603

 9.3384, 0.3364,
0.4379

390.2352, 0.3210,

 4.9625, 0.3394,

0.3585

0.4655

457.9128, 0.3206,
0.3569

■ 2.2253, 0.3447,
0.5153

■ 0.7337, 0.3023,
0.6977

■ 91.5298, 0.3256,
0.3777

■ 91.5298, 0.3256,
0.3777

■ 88.4267, 0.3322,
0.4066

■ 94.9840, 0.3187,
0.3506

■ 85.6504, 0.3381,
0.4365

■ 98.6854, 0.3127,
0.3271

■ 83.1915, 0.3428,
0.4665

■ 98.7307, 0.3128,
0.3271

■ 81.0355, 0.3460,
0.4953

■ 79.1668, 0.3472,
0.5212

■ 77.5677, 0.3461,
0.5427

■ 76.2178, 0.3428,
0.5589

■ 75.0894, 0.3376,
0.5695

■ 74.9420, 0.3368,
0.5708

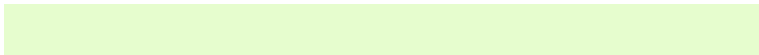
Harmonies

Analogous

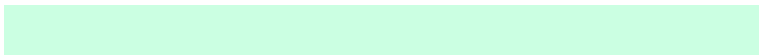
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5298, 0.3512, 0.3775



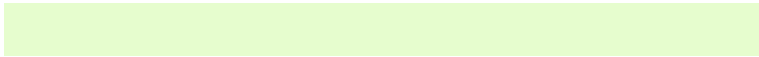
91.5298, 0.3256, 0.3777



91.5298, 0.2974, 0.3630

Triad

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



91.5298, 0.3256, 0.3777



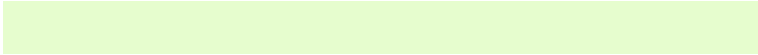
91.5298, 0.2611, 0.2917



91.5298, 0.3524, 0.3187

Complementary

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



91.5298, 0.3256, 0.3777



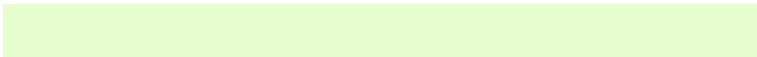
67.8900, 0.2977, 0.2803

Split Complementary

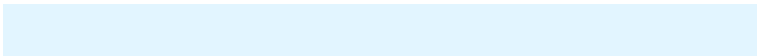
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.5298, 0.3266, 0.2982



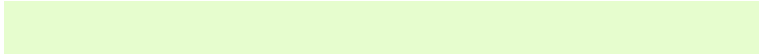
91.5298, 0.3256, 0.3777



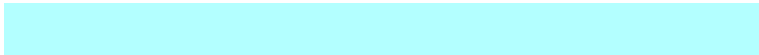
91.5298, 0.2743, 0.2826

Square

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



91.5298, 0.3256, 0.3777



91.5298, 0.2610, 0.3116



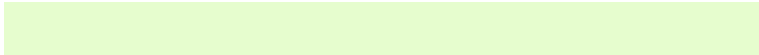
91.5298, 0.2980, 0.2852



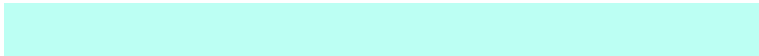
91.5298, 0.3674, 0.3424

Rectangle

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



91.5298, 0.3256, 0.3777



91.5298, 0.2808, 0.3470



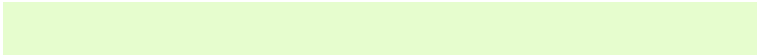
91.5298, 0.2980, 0.2852



91.5298, 0.3447, 0.3113

Sweetspot

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



91.5338, 0.3256, 0.3777



97.6623, 0.3169, 0.3439



81.2215, 0.3450, 0.3521



20.8510, 0.3173, 0.3456



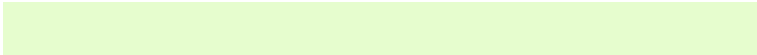
0.0000, 0.0000, 0.0000



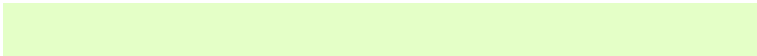
21.4041, 0.3127, 0.3290

Same Dimension

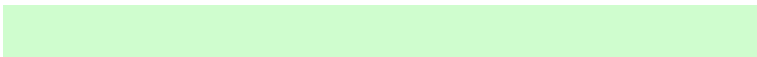
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.5338, 0.3256, 0.3777



92.0631, 0.3279, 0.3874



87.9415, 0.3108, 0.3799



20.6245, 0.3193, 0.3530



39.9534, 0.3380, 0.5699



3.9551, 0.3464, 0.5631

Inverse Universe

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



67.8900, 0.2977, 0.2803



64.2425, 0.2944, 0.2705



71.9713, 0.3143, 0.2827



17.8137, 0.3056, 0.3050



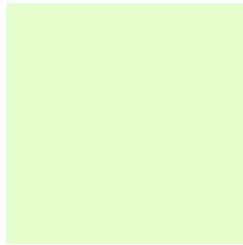
6.1260, 0.1999, 0.0875



0.6612, 0.2123, 0.0943

Previews

White Background



This preview shows how the Yxy color 91.5298, 0.3256, 0.3777 looks on a white background.

Color Contrast Check

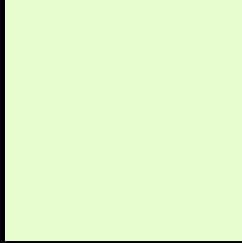
Large Text (above 18pt) WCAG AA × Fail

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 91.5298, 0.3256, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

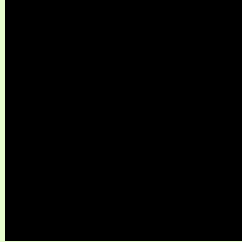
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

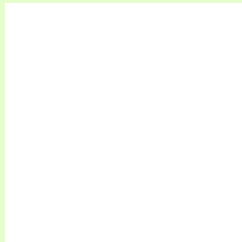
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.5298, 0.3256, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 91.5298, 0.3256, 0.3777.

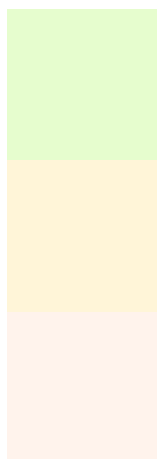


This preview shows how white text looks on a background with the Yxy color 91.5298, 0.3256, 0.3777.

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

91.5298, 0.3256, 0.3777

Protanopia

91.5227, 0.3372, 0.3577

Deuteranopia

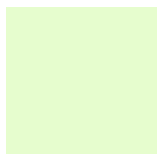
91.4173, 0.3249, 0.3359



Tritanopia

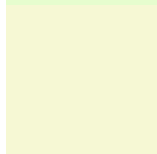
91.4021, 0.3049, 0.3192

Trichromacy



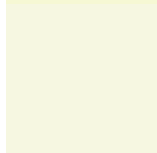
Original Color

91.5298, 0.3256, 0.3777



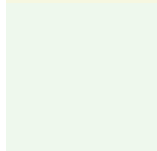
Protanomaly

91.4811, 0.3332, 0.3652



Deuteranomaly

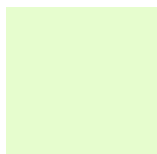
91.5506, 0.3253, 0.3510



Tritanomaly

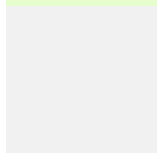
91.4264, 0.3128, 0.3400

Monochromacy



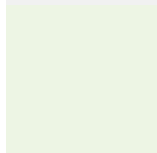
Original Color

91.5298, 0.3256, 0.3777



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

88.9108, 0.3177, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5298, 0.3256, 0.3777 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(230, 253, 206)` looks like.

```
.text, #text, p{  
    color:rgb(230, 253, 206)  
}
```

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(230, 253, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 253, 206) }
```

Border

The CSS property to change the border of an element to Yxy 91.5298, 0.3256, 0.3777 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(230, 253, 206) }
```

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

```
.border{ border-color:rgb(230, 253, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 253, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 253, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 253, 206);  
box-shadow:4px 4px 4px 4px rgb(230, 253,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5298, 0.3256, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 253, 206) }
```

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

```
.background{ background-color: rgb(230,  
253, 206) }
```

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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