

Converting Colors

$Yxy(91.5413, 0.3252, 0.3783)$

Have a look what the booklet for
Yxy(91.5413, 0.3252, 0.3783)
contains.

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Color

Yxy(91.3648, 0.3249, 0.3778)

Conversions

Conversions Part 1

Format	Color
Hex	E5FDCE
RGB	229, 253, 206
RGB Percent	90%, 99%, 81%
CMY	0.1021, 0.0078, 0.1921
CMYK	0.10, 0.00, 0.19, 0.01
HSL	91°, 92%, 90%
HSV	91°, 19%, 99%
XYZ	78.5718, 91.3648, 71.8972
YIQ	240.4660, 0.7830, -19.7050

Conversions

Conversions Part 2

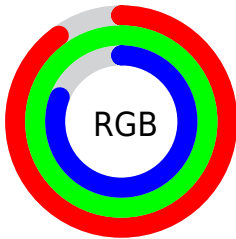
Format	Color
R_{YB}	206, 253, 230
Decimal	15072718
CIE _{Lab}	96.56, -15.91, 19.91
CIE _{LCh}	97, 25.488, 128.635
Yxy	91.3648, 0.3249, 0.3778
Android (android.graphics.Color)	4293262798 (0xFFE5FDCE)
YUV	240.4660, -16.9917, -10.0557
Hunter-Lab	95.5849, -20.5448, 22.3126

Details

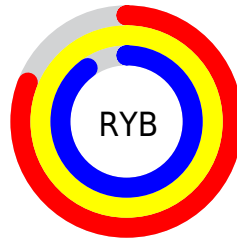
The Yxy color **91.3648, 0.3249, 0.3778** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.0789, 0.2984, 0.2804**, and the grayscale version is **87.6560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6311, 0.3267, 0.3880** is the 20% darker color. If you saturate the color by 10%, you get **88.1855, 0.3311, 0.4068**, and if you desaturate by 10%, it is **94.9089, 0.3184, 0.3506**.

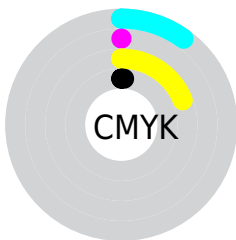
Distribution



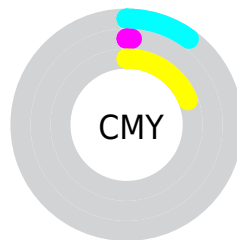
- Red (90%)
- Green (99%)
- Blue (81%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.3648, 0.3249, 0.3778 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 91.3648, 0.3249, 0.3778 by changing the saturation by 10% instead.

91.3648, 0.3249,
0.3778

91.3648, 0.3249,
0.3778

532.4606, 0.3198,
0.3556

69.1132, 0.3259,
0.3828

149.2327, 0.3232,
0.3702

50.8039, 0.3272,
0.3889

185.6178, 0.3226,
0.3672

36.0525, 0.3286,
0.3966

227.4828, 0.3220,
0.3646

24.4748, 0.3303,
0.4065

275.2121, 0.3214,
0.3623

15.6862, 0.3324,
0.4198

329.1902, 0.3210,
0.3603

9.3024, 0.3349,
0.4384


389.8013, 0.3205,


4.9389, 0.3375,


0.3586


0.4662


457.4300, 0.3202,
0.3570


 2.2115, 0.3422,
0.5166


 0.7262, 0.2936,
0.7064


 91.3648, 0.3249,
0.3778


 91.3648, 0.3249,
0.3778


 88.1855, 0.3311,
0.4068


 94.9089, 0.3184,
0.3506

 85.3461, 0.3366,
0.4371

 98.7131, 0.3127,
0.3271

 82.8368, 0.3410,
0.4674

 98.7395, 0.3128,
0.3271

 80.6428, 0.3438,
0.4965

■ 78.7478, 0.3447,
0.5228

■ 77.1335, 0.3433,
0.5448

■ 75.7789, 0.3398,
0.5612

■ 74.6559, 0.3345,
0.5719

■ 74.5098, 0.3337,
0.5732

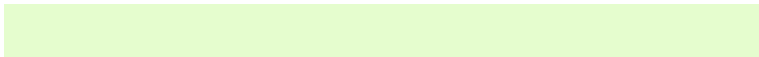
Harmonies

Analogous

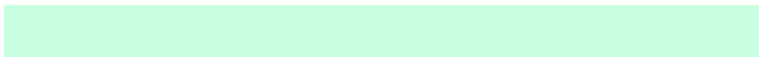
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3648, 0.3508, 0.3780



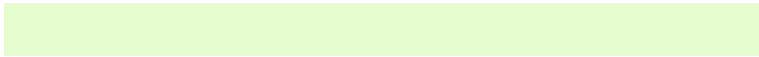
91.3648, 0.3249, 0.3778



91.3648, 0.2965, 0.3626

Triad

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



91.3648, 0.3249, 0.3778



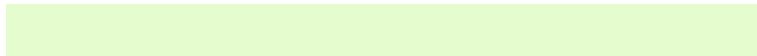
91.3648, 0.2610, 0.2910



91.3648, 0.3532, 0.3193

Complementary

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



91.3648, 0.3249, 0.3778



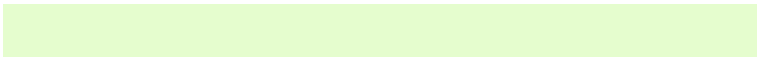
68.0789, 0.2984, 0.2804

Split Complementary

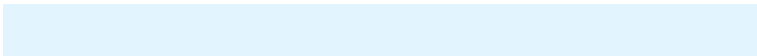
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3648, 0.3275, 0.2985



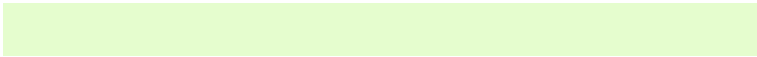
91.3648, 0.3249, 0.3778



91.3648, 0.2746, 0.2822

Square

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



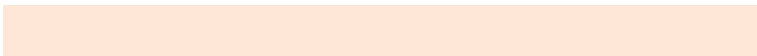
91.3648, 0.3249, 0.3778



91.3648, 0.2605, 0.3108



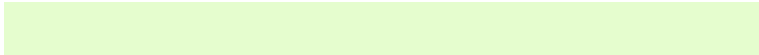
91.3648, 0.2986, 0.2852



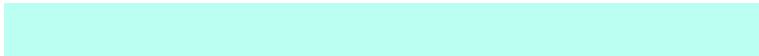
91.3648, 0.3679, 0.3431

Rectangle

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



91.3648, 0.3249, 0.3778



91.3648, 0.2800, 0.3464



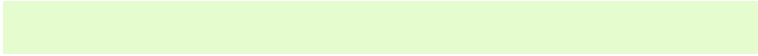
91.3648, 0.2986, 0.2852



91.3648, 0.3455, 0.3118

Sweetspot

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



91.3688, 0.3249, 0.3778



97.5985, 0.3167, 0.3439



81.6674, 0.3449, 0.3529



20.8359, 0.3171, 0.3456



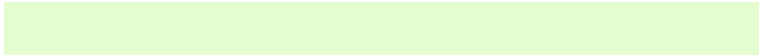
0.0000, 0.0000, 0.0000



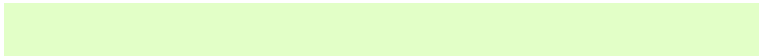
21.4041, 0.3127, 0.3290

Same Dimension

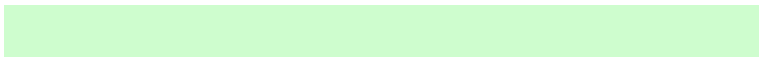
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3688, 0.3249, 0.3778



91.8546, 0.3271, 0.3876



87.8412, 0.3103, 0.3800



20.6034, 0.3190, 0.3530



39.7176, 0.3349, 0.5723



3.9319, 0.3435, 0.5655

Inverse Universe

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



68.0789, 0.2984, 0.2804



64.4511, 0.2953, 0.2707



72.1298, 0.3149, 0.2828



17.8347, 0.3059, 0.3050



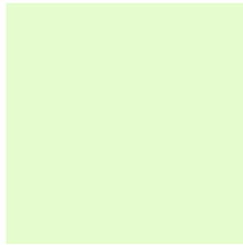
6.3623, 0.2044, 0.0900



0.6845, 0.2165, 0.0966

Previews

White Background



This preview shows how the Yxy color 91.3648, 0.3249, 0.3778 looks on a white background.

Color Contrast Check

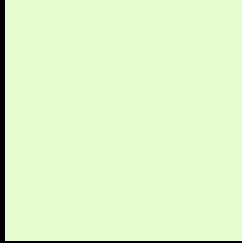
Large Text (above 18pt) WCAG AA × Fail

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 91.3648, 0.3249, 0.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

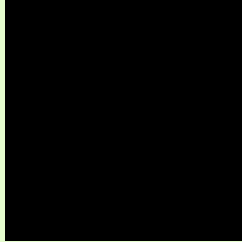
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

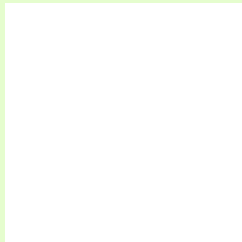
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.3648, 0.3249, 0.3778

Background



This preview shows how black text looks on a background with the Yxy color 91.3648, 0.3249, 0.3778.

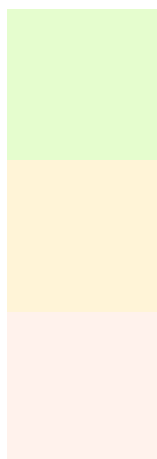


This preview shows how white text looks on a background with the Yxy color 91.3648, 0.3249, 0.3778.

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

91.3648, 0.3249, 0.3778

Protanopia

90.8677, 0.3380, 0.3577

Deuteranopia

90.8204, 0.3250, 0.3349

Tritanopia

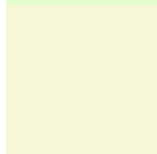
91.2256, 0.3043, 0.3192

Trichromacy



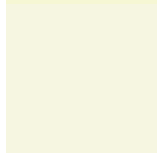
Original Color

91.3648, 0.3249, 0.3778



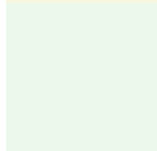
Protanomaly

90.8678, 0.3333, 0.3643



Deuteranomaly

90.9406, 0.3254, 0.3500



Tritanomaly

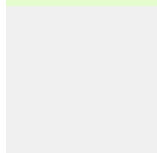
91.2538, 0.3122, 0.3401

Monochromacy



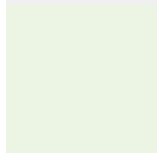
Original Color

91.3648, 0.3249, 0.3778



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.7391, 0.3171, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3648, 0.3249, 0.3778 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, 253, 206)` looks like.

```
.text, #text, p{  
    color:rgb(229, 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(229, 253, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 253, 206) }
```

Border

The CSS property to change the border of an element to Yxy 91.3648, 0.3249, 0.3778 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, 253, 206) }
```

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

```
.border{ border-color:rgb(229, 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(229, 253, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 253, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 253, 206); box-shadow:4px 4px 4px 4px rgb(229, 253, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3648, 0.3249, 0.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 253, 206) }
```

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

```
.background{ background-color: rgb(229,  
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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