

Converting Colors

$Yxy(93.2011, 0.3292, 0.3824)$

Have a look what the booklet for
Yxy(93.2011, 0.3292, 0.3824)
contains.

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Color

Yxy(93.1554, 0.3291, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	E9FFCB
RGB	233, 255, 203
RGB Percent	91%, 100%, 80%
CMY	0.0861, 0.0000, 0.2040
CMYK	0.09, 0.00, 0.20, 0.00
HSL	85°, 100%, 90%
HSV	85°, 20%, 100%
XYZ	80.1502, 93.1554, 70.2380
YIQ	242.4940, 3.5800, -20.8360

Conversions

Conversions Part 2

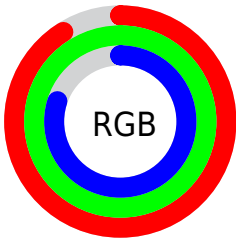
Format	Color
R _Y B	203, 255, 225
Decimal	15335371
CIE Lab	97.29, -15.94, 22.52
CIE LCh	97, 27.591, 125.294
Yxy	93.1554, 0.3291, 0.3825
Android (android.graphics.Color)	4293525451 (0xFFE9FFCB)
YUV	242.4940, -19.4705, -8.3262
Hunter-Lab	96.5170, -20.6740, 24.4151

Details

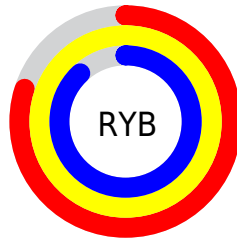
The Yxy color **93.1554, 0.3291, 0.3825** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.9155, 0.2935, 0.2747**, and the grayscale version is **89.3657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9052, 0.3319, 0.3938** is the 20% darker color. If you saturate the color by 10%, you get **90.2852, 0.3367, 0.4111**, and if you desaturate by 10%, it is **96.3442, 0.3211, 0.3553**.

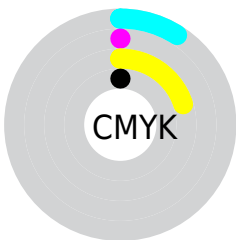
Distribution



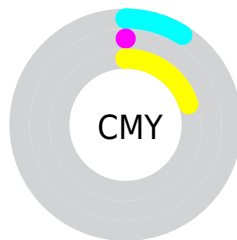
- Red (91%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (88%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.1554, 0.3291, 0.3825 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 93.1554, 0.3291, 0.3825 by changing the saturation by 10% instead.


 93.1554, 0.3291,
0.3825

 93.1554, 0.3291,
0.3825


538.2427, 0.3222,
0.3582

 70.6007, 0.3305,
0.3879


151.7137, 0.3268,
0.3742

 52.0164, 0.3322,
0.3946


188.4861, 0.3259,
0.3709

 37.0181, 0.3341,
0.4029

230.7666, 0.3251,
0.3681

 25.2215, 0.3365,
0.4136

278.9394, 0.3244,
0.3656

 16.2422, 0.3394,
0.4278

333.3890, 0.3238,
0.3634

 9.6957, 0.3428,
0.4475

394.4998, 0.3232,

 5.1977, 0.3466,

0.3615

0.4767

462.6563, 0.3227,
0.3598

■ 2.3637, 0.3545,
0.5310

■ 0.8071, 0.3190,
0.6810

■ 93.1554, 0.3291,
0.3825

■ 93.1554, 0.3291,
0.3825

■ 90.2852, 0.3367,
0.4111

■ 96.3442, 0.3211,
0.3553

■ 87.7096, 0.3436,
0.4404

99.8504, 0.3130,
0.3300

■ 85.4202, 0.3493,
0.4693

99.9988, 0.3127,
0.3290

■ 83.4033, 0.3532,
0.4964

■ 81.6437, 0.3549,
0.5204

■ 80.1243, 0.3543,
0.5399

■ 78.8252, 0.3512,
0.5541

■ 77.7558, 0.3465,
0.5630

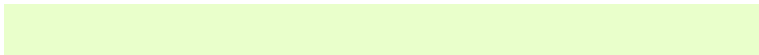
Harmonies

Analogous

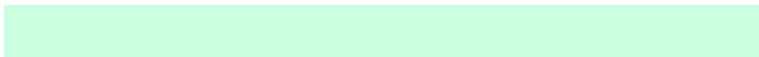
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1554, 0.3562, 0.3807



93.1554, 0.3291, 0.3825



93.1554, 0.2985, 0.3678

Triad

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



93.1554, 0.3291, 0.3825



93.1554, 0.2565, 0.2900



93.1554, 0.3537, 0.3158

Complementary

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



93.1554, 0.3291, 0.3825



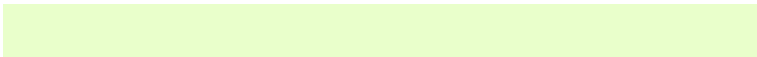
65.9155, 0.2935, 0.2747

Split Complementary

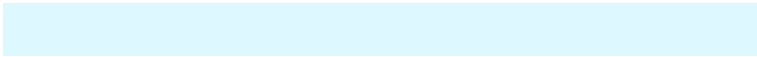
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.1554, 0.3251, 0.2943



93.1554, 0.3291, 0.3825



93.1554, 0.2696, 0.2792

Square

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



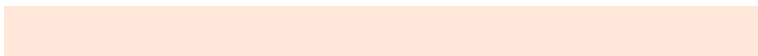
93.1554, 0.3291, 0.3825



93.1554, 0.2576, 0.3122



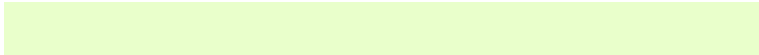
93.1554, 0.2942, 0.2811



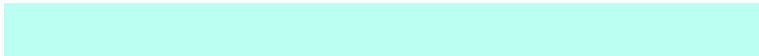
93.1554, 0.3712, 0.3411

Rectangle

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



93.1554, 0.3291, 0.3825



93.1554, 0.2803, 0.3509



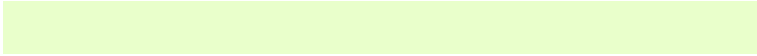
93.1554, 0.2942, 0.2811



93.1554, 0.3450, 0.3079

Sweetspot

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



93.1595, 0.3291, 0.3825



97.8491, 0.3175, 0.3439



79.2315, 0.3493, 0.3511



20.8952, 0.3181, 0.3456



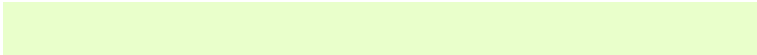
0.0000, 0.0000, 0.0000



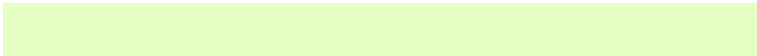
21.4041, 0.3127, 0.3290

Same Dimension

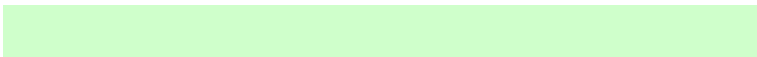
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1595, 0.3291, 0.3825



92.0918, 0.3319, 0.3927



89.1391, 0.3127, 0.3853



20.6865, 0.3204, 0.3529



40.7196, 0.3476, 0.5622



4.0291, 0.3555, 0.5559

Inverse Universe

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



65.9155, 0.2935, 0.2747



60.8728, 0.2895, 0.2642



70.3655, 0.3119, 0.2776



17.7524, 0.3045, 0.3049



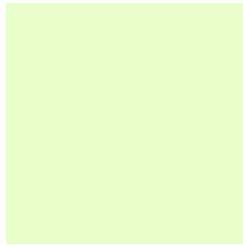
5.5097, 0.1879, 0.0809



0.5991, 0.2005, 0.0878

Previews

White Background



This preview shows how the Yxy color 93.1554, 0.3291, 0.3825 looks on a white background.

Color Contrast Check

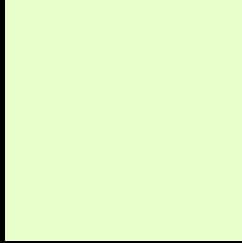
Large Text (above 18pt) WCAG AA × Fail

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 93.1554, 0.3291, 0.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

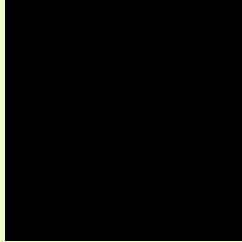
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

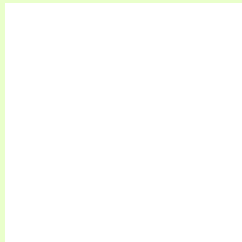
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.1554, 0.3291, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 93.1554, 0.3291, 0.3825.

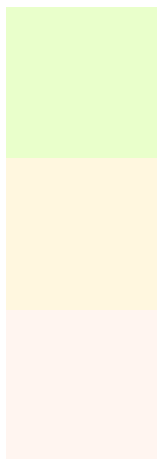


This preview shows how white text looks on a background with the Yxy color 93.1554, 0.3291, 0.3825.

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

93.1554, 0.3291, 0.3825

Protanopia

93.1092, 0.3325, 0.3526

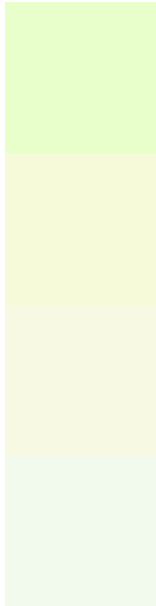
Deuteranopia

92.8561, 0.3222, 0.3339

Tritanopia

93.1540, 0.3068, 0.3212

Trichromacy



Original Color

93.1554, 0.3291, 0.3825

Protanomaly

93.1032, 0.3311, 0.3630

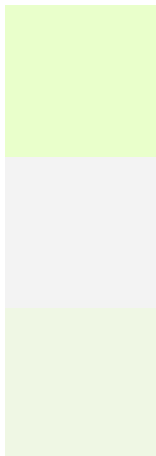
Deuteranomaly

93.0716, 0.3246, 0.3509

Tritanomaly

93.1281, 0.3152, 0.3429

Monochromacy



Original Color

93.1554, 0.3291, 0.3825

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.4737, 0.3189, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1554, 0.3291, 0.3825 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(233, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(233, 255, 203)  
}
```

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(233, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 255, 203) }
```

Border

The CSS property to change the border of an element to Yxy 93.1554, 0.3291, 0.3825 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(233, 255, 203) }
```

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

```
.border{ border-color:rgb(233, 255, 203) }
```

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

Here you see how a box with a 4 pixel rgb(233, 255, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(233, 255,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1554, 0.3291, 0.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 255, 203) }
```

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

```
.background{ background-color: rgb(233,  
255, 203) }
```

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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