

Converting Colors

$Yxy(94.0031, 0.3290, 0.3776)$

Have a look what the booklet for
Yxy(94.0031, 0.3290, 0.3776)
contains.

Yxy(94.0295, 0.3293, 0.3779)	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(94.0295, 0.3293, 0.3779)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFCF
RGB	237, 255, 207
RGB Percent	93%, 100%, 81%
CMY	0.0707, 0.0000, 0.1883
CMYK	0.07, 0.00, 0.19, 0.00
HSL	83°, 100%, 91%
HSV	83°, 19%, 100%
XYZ	81.9368, 94.0295, 72.8548
YIQ	244.1460, 4.6800, -18.7440

Conversions

Conversions Part 2

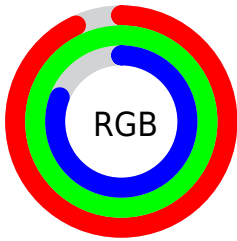
Format	Color
R _Y B	207, 255, 225
Decimal	15597519
CIE Lab	97.64, -13.98, 21.01
CIE LCh	98, 25.234, 123.641
Yxy	94.0295, 0.3293, 0.3779
Android (android.graphics.Color)	4293787599 (0xFFEDFFCF)
YUV	244.1460, -18.3130, -6.2670
Hunter-Lab	96.9688, -18.8663, 23.3323

Details

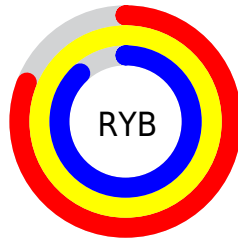
The Yxy color **94.0295, 0.3293, 0.3779** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.8529, 0.2937, 0.2790**, and the grayscale version is **90.7252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.5118, 0.3323, 0.3878** is the 20% darker color. If you saturate the color by 10%, you get **91.2694, 0.3378, 0.4060**, and if you desaturate by 10%, it is **97.0652, 0.3205, 0.3511**.

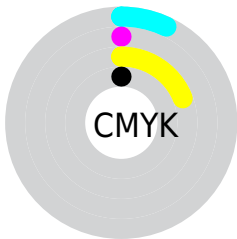
Distribution



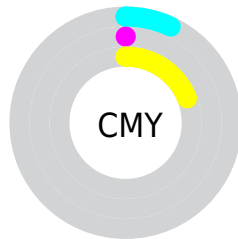
- Red (93%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.0295, 0.3293, 0.3779 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 94.0295, 0.3293, 0.3779 by changing the saturation by 10% instead.


 94.0295, 0.3293,
0.3779

 94.0295, 0.3293,
0.3779


541.0533, 0.3223,
0.3558

 71.3275, 0.3308,
0.3828


152.9231, 0.3270,
0.3703

 52.6095, 0.3325,
0.3888


189.8836, 0.3260,
0.3674

 37.4911, 0.3346,
0.3963


232.3656, 0.3252,
0.3648

 25.5880, 0.3371,
0.4060

280.7536, 0.3245,
0.3625

 16.5157, 0.3402,
0.4188

335.4320, 0.3238,
0.3606

 9.8898, 0.3441,
0.4365

396.7851, 0.3233,

 5.3259, 0.3488,

0.3588

0.4626

465.1974, 0.3227,
0.3572

■ 2.4397, 0.3558,
0.5074

■ 0.8462, 0.3537,
0.6463

■ 94.0295, 0.3293,
0.3779

■ 94.0295, 0.3293,
0.3779

■ 91.2694, 0.3378,
0.4060

■ 97.0652, 0.3205,
0.3511

■ 88.7948, 0.3457,
0.4347

100.0000, 0.3127,
0.3290

■ 86.5868, 0.3524,
0.4630

■ 84.6327, 0.3574,
0.4897

■ 82.9181, 0.3602,
0.5133

■ 81.4271, 0.3606,
0.5327

■ 80.1409, 0.3586,
0.5470

■ 79.0329, 0.3543,
0.5563

■ 78.9108, 0.3538,
0.5573

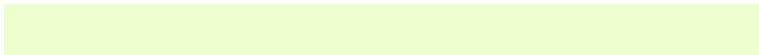
Harmonies

Analogous

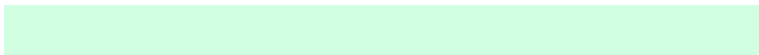
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0295, 0.3536, 0.3757



94.0295, 0.3293, 0.3779



94.0295, 0.3013, 0.3653

Triad

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



94.0295, 0.3293, 0.3779



94.0295, 0.2610, 0.2943



94.0295, 0.3488, 0.3157

Complementary

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



94.0295, 0.3293, 0.3779



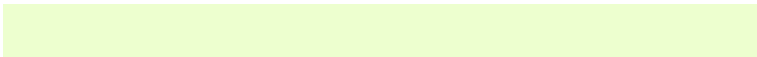
67.8529, 0.2937, 0.2790

Split Complementary

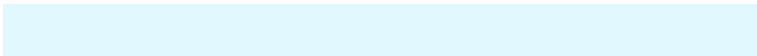
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.0295, 0.3225, 0.2963



94.0295, 0.3293, 0.3779



94.0295, 0.2723, 0.2837

Square

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



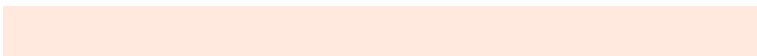
94.0295, 0.3293, 0.3779



94.0295, 0.2627, 0.3152



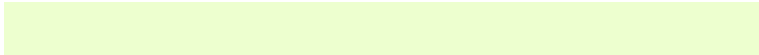
94.0295, 0.2945, 0.2847



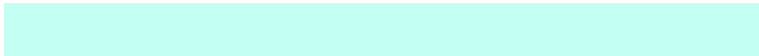
94.0295, 0.3654, 0.3390

Rectangle

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



94.0295, 0.3293, 0.3779



94.0295, 0.2844, 0.3503



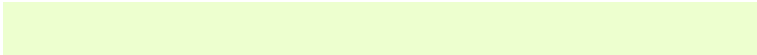
94.0295, 0.2945, 0.2847



94.0295, 0.3407, 0.3086

Sweetspot

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



94.0226, 0.3293, 0.3779



97.9795, 0.3180, 0.3439



79.3956, 0.3465, 0.3469



20.9260, 0.3186, 0.3455



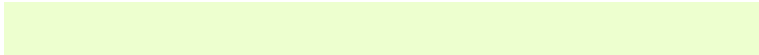
0.0000, 0.0000, 0.0000



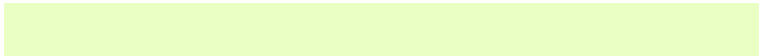
21.4041, 0.3127, 0.3290

Same Dimension

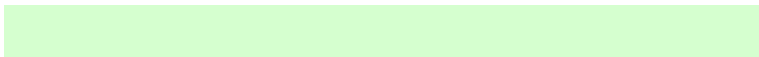
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0226, 0.3293, 0.3779



92.8392, 0.3329, 0.3895



90.2293, 0.3142, 0.3802



20.7299, 0.3211, 0.3529



41.3207, 0.3548, 0.5565



4.0857, 0.3621, 0.5507

Inverse Universe

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



67.8529, 0.2937, 0.2790



61.8228, 0.2887, 0.2668



71.9070, 0.3103, 0.2814



17.7102, 0.3038, 0.3048



5.1447, 0.1804, 0.0768



0.5609, 0.1929, 0.0836

Previews

White Background



This preview shows how the Yxy color 94.0295, 0.3293, 0.3779 looks on a white background.

Color Contrast Check

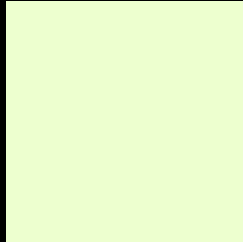
Large Text (above 18pt) WCAG AA × Fail

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 94.0295, 0.3293, 0.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

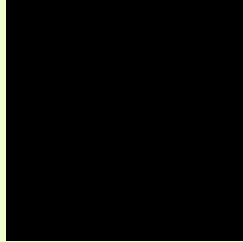
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

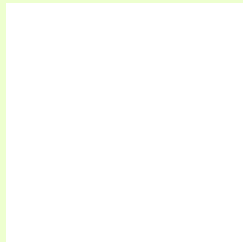
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.0295, 0.3293, 0.3779

Background



This preview shows how black text looks on a background with the Yxy color 94.0295, 0.3293, 0.3779.

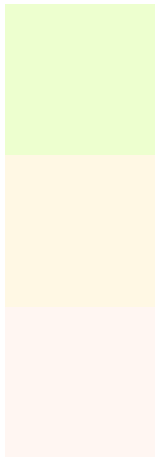


This preview shows how white text looks on a background with the Yxy color 94.0295, 0.3293, 0.3779.

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

94.0295, 0.3293, 0.3779

Protanopia

93.9962, 0.3293, 0.3486

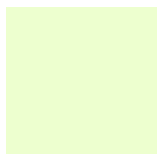
Deuteranopia

93.5823, 0.3209, 0.3329

Tritanopia

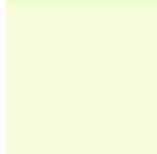
94.1290, 0.3080, 0.3222

Trichromacy



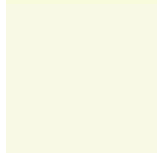
Original Color

94.0295, 0.3293, 0.3779



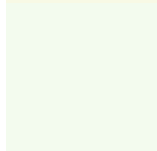
Protanomaly

94.1181, 0.3293, 0.3598



Deuteranomaly

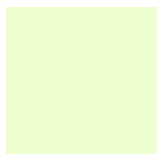
93.3650, 0.3240, 0.3488



Tritanomaly

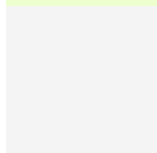
94.2221, 0.3153, 0.3419

Monochromacy



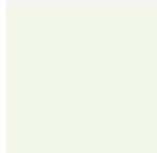
Original Color

94.0295, 0.3293, 0.3779



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.6051, 0.3183, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0295, 0.3293, 0.3779 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(237, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 207)  
}
```

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(237, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 207) }
```

Border

The CSS property to change the border of an element to Yxy 94.0295, 0.3293, 0.3779 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(237, 255, 207) }
```

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

```
.border{ border-color:rgb(237, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0295, 0.3293, 0.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 207) }
```

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

```
.background{ background-color: rgb(237,  
255, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor