

Converting Colors

$Yxy(94.4063, 0.3384, 0.3877)$

Have a look what the booklet for
Yxy(94.4063, 0.3384, 0.3877)
contains.

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Color

Yxy(94.4285, 0.3385, 0.3877)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFC5
RGB	242, 255, 197
RGB Percent	95%, 100%, 77%
CMY	0.0511, 0.0000, 0.2276
CMYK	0.05, 0.00, 0.23, 0.00
HSL	73°, 100%, 89%
HSV	73°, 23%, 100%
XYZ	82.4453, 94.4285, 66.6869
YIQ	244.5010, 10.8700, -20.7940

Conversions

Conversions Part 2

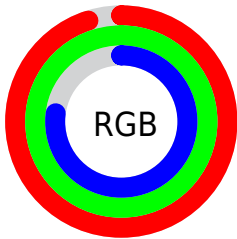
Format	Color
RYB	197, 255, 210
Decimal	15925189
CIELab	97.80, -13.69, 26.37
CIELCh	98, 29.709, 117.436
Yxy	94.4285, 0.3385, 0.3877
Android (android.graphics.Color)	4294115269 (0xFFFF2FFC5)
YUV	244.5010, -23.4180, -2.1934
Hunter-Lab	97.1743, -18.6109, 27.3336

Details

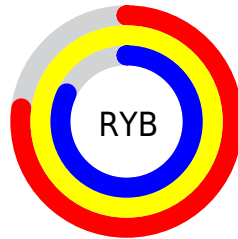
The Yxy color **94.4285, 0.3385, 0.3877** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.8424, 0.2828, 0.2664**, and the grayscale version is **91.0628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **52.6856, 0.3431, 0.4003** is the 20% darker color. If you saturate the color by 10%, you get **92.3528, 0.3495, 0.4148**, and if you desaturate by 10%, it is **96.7202, 0.3271, 0.3611**.

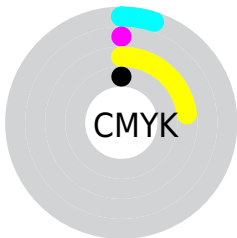
Distribution



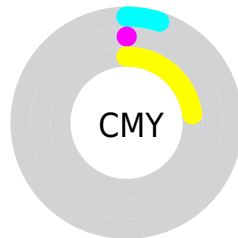
- Red (95%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.4285, 0.3385, 0.3877 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 94.4285, 0.3385, 0.3877 by changing the saturation by 10% instead.


 94.4285, 0.3385,
0.3877

 94.4285, 0.3385,
0.3877

542.3338, 0.3275,
0.3612

 71.6594, 0.3408,
0.3936

153.4748, 0.3349,
0.3787

 52.8805, 0.3435,
0.4007


190.5208, 0.3334,
0.3751

 37.7074, 0.3467,
0.4096


233.0946, 0.3321,
0.3720

 25.7557, 0.3507,
0.4210

281.5805, 0.3310,
0.3693

 16.6409, 0.3555,
0.4359

336.3630, 0.3300,
0.3669

 9.9788, 0.3614,
0.4564

397.8265, 0.3291,

 5.3849, 0.3684,

0.3648

0.4858

466.3553, 0.3283,
0.3629

■ 2.4748, 0.3865,
0.5467

■ 0.8640, 0.3605,
0.6395

■ 94.4285, 0.3385,
0.3877

■ 94.4285, 0.3385,
0.3877

■ 92.3528, 0.3495,
0.4148

■ 96.7202, 0.3271,
0.3611

■ 90.5030, 0.3597,
0.4414

■ 99.2576, 0.3158,
0.3357

■ 88.8614, 0.3685,
0.4667

100.0000, 0.3127,
0.3290

■ 87.4157, 0.3754,
0.4894

■ 86.1522, 0.3799,
0.5083

■ 85.0552, 0.3818,
0.5228

■ 84.1057, 0.3811,
0.5325

■ 83.4899, 0.3793,
0.5370

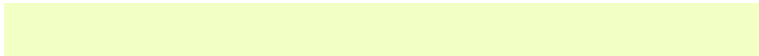
Harmonies

Analogous

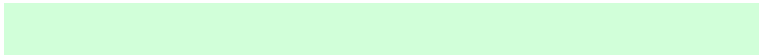
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.4285, 0.3652, 0.3811



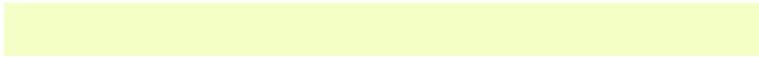
94.4285, 0.3385, 0.3877



94.4285, 0.3058, 0.3765

Triad

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



94.4285, 0.3385, 0.3877



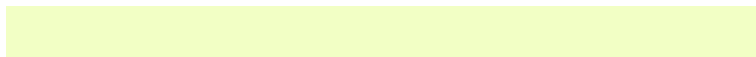
94.4285, 0.2515, 0.2923



94.4285, 0.3494, 0.3082

Complementary

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



94.4285, 0.3385, 0.3877



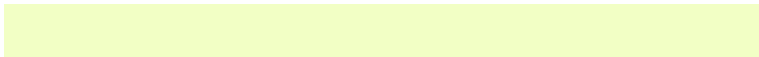
60.8424, 0.2828, 0.2664

Split Complementary

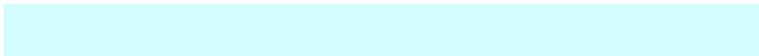
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.4285, 0.3170, 0.2873



94.4285, 0.3385, 0.3877



94.4285, 0.2616, 0.2775

Square

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



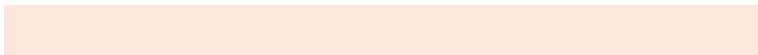
94.4285, 0.3385, 0.3877



94.4285, 0.2566, 0.3186



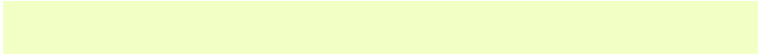
94.4285, 0.2850, 0.2761



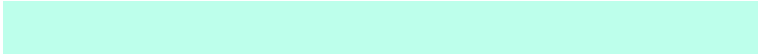
94.4285, 0.3721, 0.3346

Rectangle

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



94.4285, 0.3385, 0.3877



94.4285, 0.2851, 0.3602



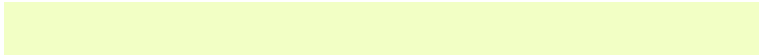
94.4285, 0.2850, 0.2761



94.4285, 0.3392, 0.3004

Sweetspot

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



94.4218, 0.3385, 0.3877



98.1509, 0.3206, 0.3463



71.1590, 0.3569, 0.3420



20.9754, 0.3213, 0.3479



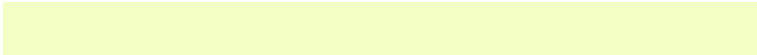
0.0000, 0.0000, 0.0000



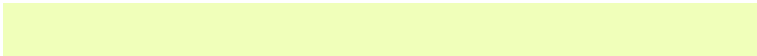
21.4041, 0.3127, 0.3290

Same Dimension

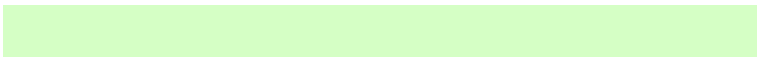
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.4218, 0.3385, 0.3877



93.5162, 0.3432, 0.3992



89.7581, 0.3199, 0.3912



20.8730, 0.3234, 0.3527



43.6949, 0.3800, 0.5365



4.3025, 0.3847, 0.5327

Inverse Universe

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



60.8424, 0.2828, 0.2664



54.9034, 0.2762, 0.2532



65.4143, 0.3033, 0.2700



17.5744, 0.3014, 0.3047



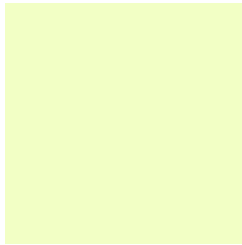
4.2851, 0.1618, 0.0665



0.4632, 0.1722, 0.0722

Previews

White Background



This preview shows how the Yxy color 94.4285, 0.3385, 0.3877 looks on a white background.

Color Contrast Check

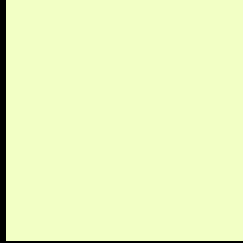
Large Text (above 18pt) WCAG AA × Fail

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 94.4285, 0.3385, 0.3877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

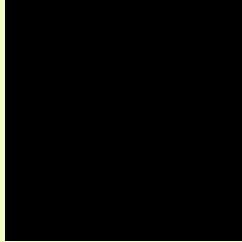
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

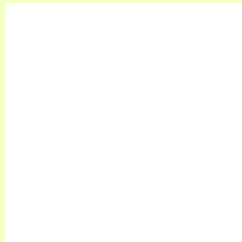
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.4285, 0.3385, 0.3877

Background



This preview shows how black text looks on a background with the Yxy color 94.4285, 0.3385, 0.3877.

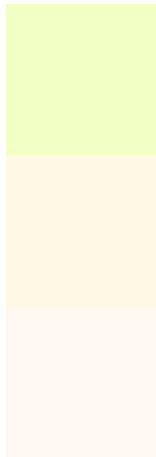


This preview shows how white text looks on a background with the Yxy color 94.4285, 0.3385, 0.3877.

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

94.4285, 0.3385, 0.3877

Protanopia

94.0519, 0.3287, 0.3476

Deuteranopia

94.1923, 0.3209, 0.3339

Tritanopia

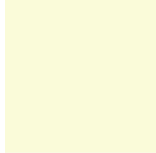
94.0655, 0.3099, 0.3213

Trichromacy



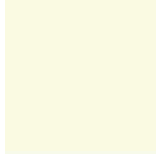
Original Color

94.4285, 0.3385, 0.3877



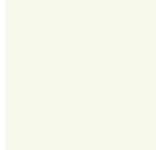
Protanomaly

94.3281, 0.3324, 0.3627



Deuteranomaly

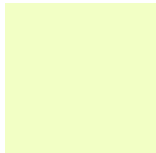
94.1862, 0.3270, 0.3527



Tritanomaly

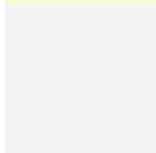
94.0859, 0.3203, 0.3448

Monochromacy



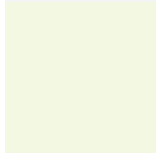
Original Color

94.4285, 0.3385, 0.3877



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.7355, 0.3220, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.4285, 0.3385, 0.3877 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(242, 255, 197)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 197)  
}
```

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(242, 255, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 197) }
```

Border

The CSS property to change the border of an element to Yxy 94.4285, 0.3385, 0.3877 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(242, 255, 197) }
```

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

```
.border{ border-color:rgb(242, 255, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 197);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 94.4285, 0.3385, 0.3877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 197) }
```

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

```
.background{ background-color: rgb(242,  
255, 197) }
```

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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