

Converting Colors

$Y_{xy}(114.6306, 0.3388, 0.4191)$

Have a look what the booklet for
Yxy(114.6306, 0.3388, 0.4191)
contains.

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Color

Yxy(94.6502, 0.3446, 0.3944)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFBE
RGB	245, 255, 190
RGB Percent	96%, 100%, 75%
CMY	0.0394, 0.0000, 0.2548
CMYK	0.04, 0.00, 0.25, 0.00
HSL	69°, 100%, 87%
HSV	69°, 25%, 100%
XYZ	82.6989, 94.6502, 62.6362
YIQ	244.6000, 14.9050, -22.3350

Conversions

Conversions Part 2

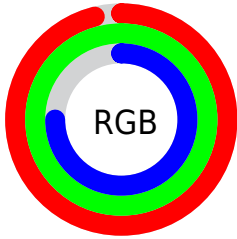
Format	Color
RYB	190, 255, 200
Decimal	16121790
CIELab	97.89, -13.58, 30.03
CIELCh	98, 32.962, 114.338
Yxy	94.6502, 0.3446, 0.3944
Android (android.graphics.Color)	4294311870 (0xFFFF5FFBE)
YUV	244.6000, -26.9178, 0.3508
Hunter-Lab	97.2883, -18.5225, 29.9298

Details

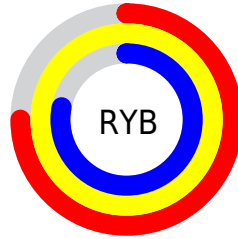
The Yxy color **94.6502, 0.3446, 0.3944** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.3448, 0.2754, 0.2573**, and the grayscale version is **91.1722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **52.8571, 0.3508, 0.4087** is the 20% darker color. If you saturate the color by 10%, you get **92.9210, 0.3567, 0.4207**, and if you desaturate by 10%, it is **96.5733, 0.3320, 0.3681**.

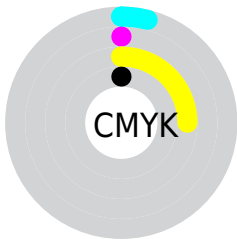
Distribution



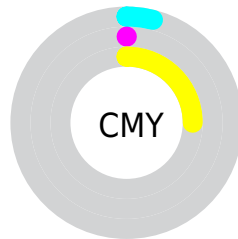
- Red (96%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (78%)



- Cyan (4%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6502, 0.3446, 0.3944 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 94.6502, 0.3446, 0.3944 by changing the saturation by 10% instead.


 94.6502, 0.3446,
0.3944

 94.6502, 0.3446,
0.3944

543.0445, 0.3310,
0.3650

 71.8439, 0.3474,
0.4009


 153.7813, 0.3401,
0.3844

 53.0311, 0.3507,
0.4088


190.8748, 0.3383,
0.3804

 37.8276, 0.3547,
0.4186


233.4995, 0.3367,
0.3770

 25.8489, 0.3595,
0.4310

282.0397, 0.3353,
0.3740

 16.7107, 0.3653,
0.4473

336.8800, 0.3341,
0.3713

 10.0284, 0.3723,
0.4693

398.4046, 0.3330,

 5.4178, 0.3802,

0.3690

0.5002

466.9980, 0.3320,
0.3669

■ 2.4944, 0.4094,
0.5773

■ 0.8738, 0.3635,
0.6365

■ 94.6502, 0.3446,
0.3944

■ 94.6502, 0.3446,
0.3944

■ 92.9210, 0.3567,
0.4207

■ 96.5733, 0.3320,
0.3681

■ 91.3999, 0.3679,
0.4461

■ 98.7243, 0.3195,
0.3425

■ 90.0675, 0.3775,
0.4695

100.0000, 0.3127,
0.3290

■ 88.9116, 0.3850,
0.4898

■ 87.9181, 0.3901,
0.5061

■ 87.0708, 0.3925,
0.5178

■ 86.3496, 0.3924,
0.5250

■ 86.0520, 0.3917,
0.5271

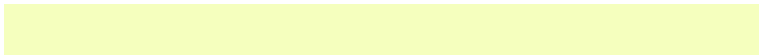
Harmonies

Analogous

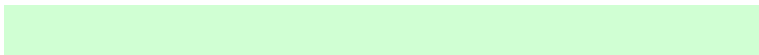
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6502, 0.3731, 0.3848



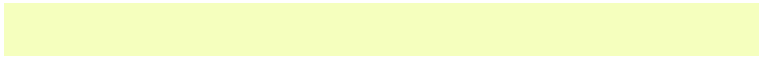
94.6502, 0.3446, 0.3944



94.6502, 0.3086, 0.3842

Triad

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



94.6502, 0.3446, 0.3944



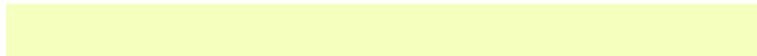
94.6502, 0.2450, 0.2906



94.6502, 0.3499, 0.3032

Complementary

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



94.6502, 0.3446, 0.3944



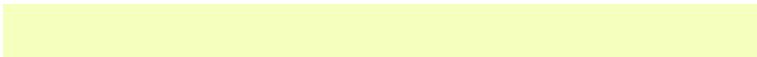
56.3448, 0.2754, 0.2573

Split Complementary

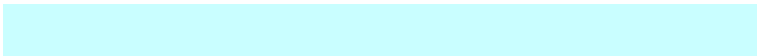
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.6502, 0.3135, 0.2813



94.6502, 0.3446, 0.3944



94.6502, 0.2544, 0.2730

Square

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



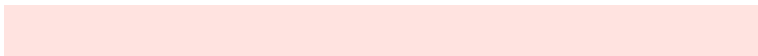
94.6502, 0.3446, 0.3944



94.6502, 0.2523, 0.3208



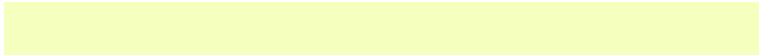
94.6502, 0.2788, 0.2702



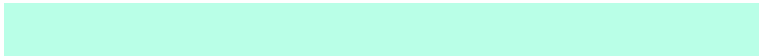
94.6502, 0.3768, 0.3318

Rectangle

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



94.6502, 0.3446, 0.3944



94.6502, 0.2854, 0.3669



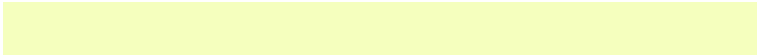
94.6502, 0.2788, 0.2702



94.6502, 0.3383, 0.2949

Sweetspot

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



94.6421, 0.3446, 0.3944



98.1615, 0.3226, 0.3488



66.1795, 0.3647, 0.3393



20.9401, 0.3245, 0.3526



0.0000, 0.0000, 0.0000



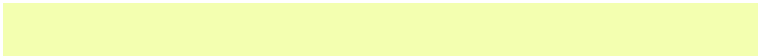
21.4041, 0.3127, 0.3290

Same Dimension

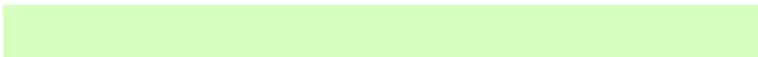
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.6421, 0.3446, 0.3944



93.6671, 0.3514, 0.4090



89.3494, 0.3234, 0.3990



20.9401, 0.3245, 0.3526



45.0176, 0.3922, 0.5268



4.4199, 0.3955, 0.5242

Inverse Universe

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



56.3448, 0.2754, 0.2573



48.9648, 0.2658, 0.2394



61.2546, 0.2986, 0.2620



17.5126, 0.3003, 0.3046



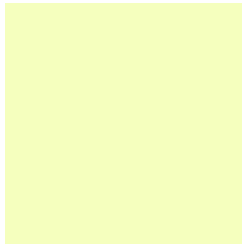
4.0423, 0.1563, 0.0635



0.4310, 0.1650, 0.0683

Previews

White Background



This preview shows how the Yxy color 94.6502, 0.3446, 0.3944 looks on a white background.

Color Contrast Check

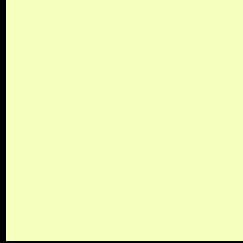
Large Text (above 18pt) WCAG AA × Fail

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 94.6502, 0.3446, 0.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

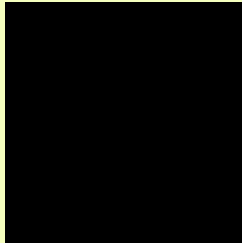
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

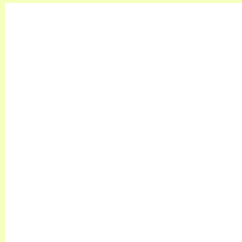
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.6502, 0.3446, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 94.6502, 0.3446, 0.3944.



This preview shows how white text looks on a background with the Yxy color 94.6502, 0.3446, 0.3944.

Color Blindness Simulation

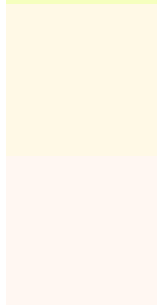
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.6502, 0.3446, 0.3944



Protanopia

94.7245, 0.3280, 0.3475

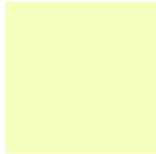
Deuteranopia

94.1923, 0.3209, 0.3339

Tritanopia

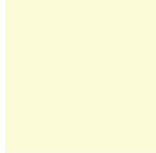
94.2508, 0.3105, 0.3213

Trichromacy



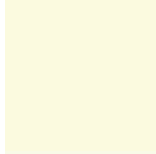
Original Color

94.6502, 0.3446, 0.3944



Protanomaly

94.4099, 0.3343, 0.3646



Deuteranomaly

94.2082, 0.3295, 0.3556



Tritanomaly

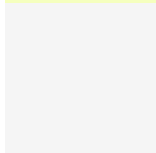
94.2805, 0.3234, 0.3477

Monochromacy



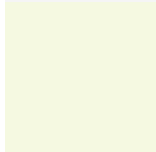
Original Color

94.6502, 0.3446, 0.3944



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.6001, 0.3245, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6502, 0.3446, 0.3944 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(245, 255, 190)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 190)  
}
```

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(245, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 190) }
```

Border

The CSS property to change the border of an element to Yxy 94.6502, 0.3446, 0.3944 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(245, 255, 190) }
```

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

```
.border{ border-color:rgb(245, 255, 190) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6502, 0.3446, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 190) }
```

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

```
.background{ background-color: rgb(245,  
255, 190) }
```

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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