

Converting Colors

$Yxy(94.8337, 0.3374, 0.3814)$

Have a look what the booklet for
Yxy(94.8337, 0.3374, 0.3814)
contains.

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Color

Yxy(94.5604, 0.3377, 0.3812)

Conversions

Conversions Part 1

Format	Color
Hex	F5FECA
RGB	245, 254, 202
RGB Percent	96%, 100%, 79%
CMY	0.0391, 0.0039, 0.2077
CMYK	0.04, 0.00, 0.20, 0.00
HSL	70°, 96%, 89%
HSV	70°, 20%, 100%
XYZ	83.7698, 94.5604, 69.7296
YIQ	245.3810, 11.3280, -18.0800

Conversions

Conversions Part 2

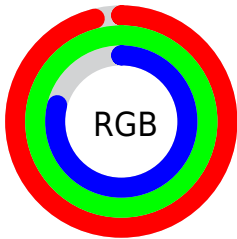
Format	Color
R_{YB}	202, 254, 211
Decimal	16121546
CIE _{Lab}	97.86, -11.38, 23.91
CIE _{LCh}	98, 26.483, 115.443
Yxy	94.5604, 0.3377, 0.3812
Android (android.graphics.Color)	4294311626 (0xFFFF5FECA)
YUV	245.3810, -21.3868, -0.3341
Hunter-Lab	97.2422, -16.4040, 25.5543

Details

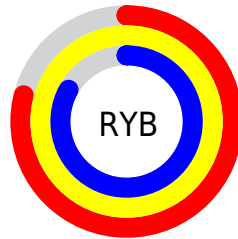
The Yxy color $94.5604, 0.3377, 0.3812$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $63.2564, 0.2844, 0.2731$, and the grayscale version is $91.8101, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $52.7620, 0.3422, 0.3920$ is the 20% darker color. If you saturate the color by 10%, you get $92.6799, 0.3498, 0.4078$, and if you desaturate by 10%, it is $96.6659, 0.3254, 0.3551$.

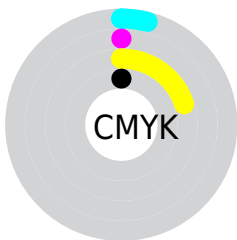
Distribution



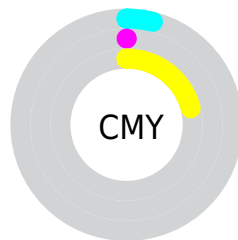
- Red (96%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.5604, 0.3377, 0.3812 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 94.5604, 0.3377, 0.3812 by changing the saturation by 10% instead.


 94.5604, 0.3377,
0.3812

 94.5604, 0.3377,
0.3812

542.7567, 0.3270,
0.3577

 71.7691, 0.3400,
0.3864


153.6571, 0.3341,
0.3732

 52.9701, 0.3426,
0.3927


190.7314, 0.3327,
0.3700

 37.7789, 0.3459,
0.4006

233.3355, 0.3315,
0.3673

 25.8111, 0.3499,
0.4106

281.8538, 0.3304,
0.3649

 16.6824, 0.3549,
0.4238

336.6706, 0.3294,
0.3628

 10.0083, 0.3612,
0.4419

398.1705, 0.3285,

 5.4045, 0.3692,

0.3609

0.4679

466.7377, 0.3277,
0.3592

■ 2.4865, 0.3844,
0.5159

■ 0.8699, 0.3869,
0.6131

■ 94.5604, 0.3377,
0.3812

■ 94.5604, 0.3377,
0.3812

■ 92.6799, 0.3498,
0.4078

■ 96.6659, 0.3254,
0.3551

■ 91.0022, 0.3612,
0.4340

■ 98.9930, 0.3133,
0.3301

■ 89.5207, 0.3713,
0.4588

■ 99.3603, 0.3128,
0.3280

■ 88.2238, 0.3796,
0.4812

■ 87.0985, 0.3856,
0.4999

■ 86.1299, 0.3891,
0.5144

■ 85.3004, 0.3899,
0.5241

■ 84.6114, 0.3886,
0.5297

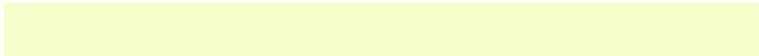
Harmonies

Analogous

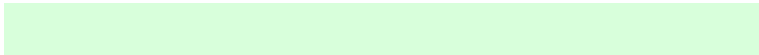
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5604, 0.3608, 0.3747



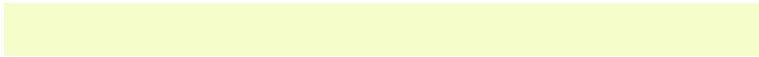
94.5604, 0.3377, 0.3812



94.5604, 0.3087, 0.3722

Triad

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



94.5604, 0.3377, 0.3812



94.5604, 0.2577, 0.2977



94.5604, 0.3437, 0.3090

Complementary

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



94.5604, 0.3377, 0.3812



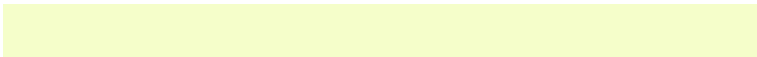
63.2564, 0.2844, 0.2731

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.



94.5604, 0.3147, 0.2906



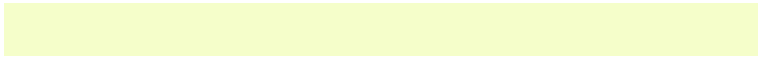
94.5604, 0.3377, 0.3812



94.5604, 0.2659, 0.2834

Square

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



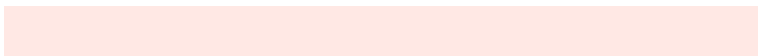
94.5604, 0.3377, 0.3812



94.5604, 0.2633, 0.3218



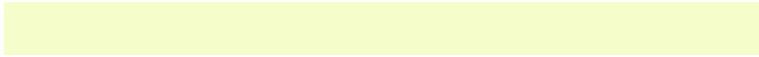
94.5604, 0.2864, 0.2813



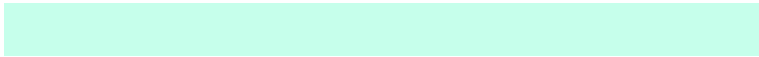
94.5604, 0.3646, 0.3326

Rectangle

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



94.5604, 0.3377, 0.3812



94.5604, 0.2899, 0.3583



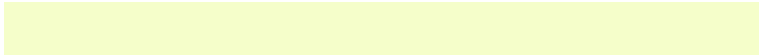
94.5604, 0.2864, 0.2813



94.5604, 0.3345, 0.3021

Sweetspot

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



94.5646, 0.3377, 0.3812



98.5565, 0.3199, 0.3438



71.7694, 0.3521, 0.3380



21.0626, 0.3207, 0.3454



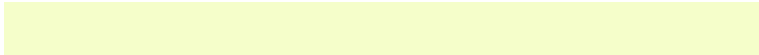
0.0000, 0.0000, 0.0000



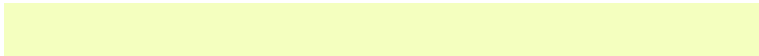
21.4041, 0.3127, 0.3290

Same Dimension

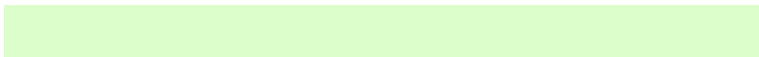
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5646, 0.3377, 0.3812



94.5271, 0.3432, 0.3933



90.2603, 0.3209, 0.3840



20.9230, 0.3242, 0.3527



44.6677, 0.3891, 0.5292



4.3890, 0.3927, 0.5264

Inverse Universe

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



63.2564, 0.2844, 0.2731



57.1811, 0.2770, 0.2590



67.3575, 0.3025, 0.2760



17.5282, 0.3005, 0.3046



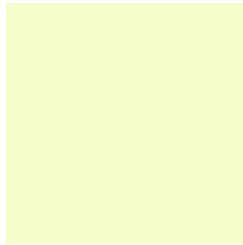
4.0955, 0.1575, 0.0641



0.4384, 0.1667, 0.0692

Previews

White Background



This preview shows how the Yxy color 94.5604, 0.3377, 0.3812 looks on a white background.

Color Contrast Check

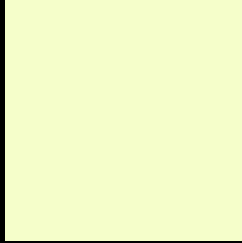
Large Text (above 18pt) WCAG AA × Fail

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 94.5604, 0.3377, 0.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

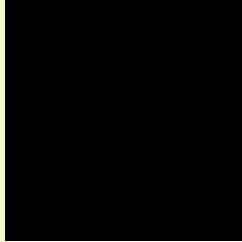
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.5604, 0.3377, 0.3812

Background



This preview shows how black text looks on a background with the Yxy color 94.5604, 0.3377, 0.3812.

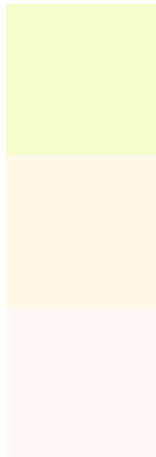


This preview shows how white text looks on a background with the Yxy color 94.5604, 0.3377, 0.3812.

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

94.5604, 0.3377, 0.3812

Protanopia

94.1080, 0.3281, 0.3466

Deuteranopia

94.2526, 0.3203, 0.3329

Tritanopia

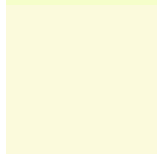
94.2508, 0.3105, 0.3213

Trichromacy



Original Color

94.5604, 0.3377, 0.3812



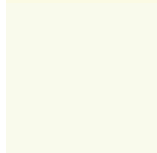
Protanomaly

94.0478, 0.3314, 0.3587



Deuteranomaly

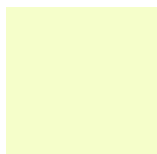
94.4819, 0.3265, 0.3506



Tritanomaly

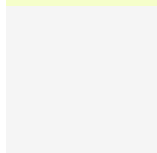
94.5671, 0.3204, 0.3427

Monochromacy



Original Color

94.5604, 0.3377, 0.3812



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.2044, 0.3221, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5604, 0.3377, 0.3812 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, 254, 202)` looks like.

```
.text, #text, p{  
    color:rgb(245, 254, 202)  
}
```

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, 254, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 254, 202) }
```

Border

The CSS property to change the border of an element to Yxy 94.5604, 0.3377, 0.3812 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, 254, 202) }
```

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

```
.border{ border-color:rgb(245, 254, 202) }
```

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

Here you see how a box with a 4 pixel rgb(245, 254, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 254, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 254, 202);  
box-shadow:4px 4px 4px 4px rgb(245, 254,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5604, 0.3377, 0.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 254, 202) }
```

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

```
.background{ background-color: rgb(245,  
254, 202) }
```

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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