

Converting Colors

Yxy(167.5360, 0.3247, 0.4498)

Have a look what the booklet for
Yxy(167.5360, 0.3247, 0.4498)
contains.

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Color

Yxy(95.5206, 0.3364, 0.3790)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFCD
RGB	246, 255, 205
RGB Percent	96%, 100%, 80%
CMY	0.0353, 0.0000, 0.1961
CMYK	0.04, 0.00, 0.20, 0.00
HSL	71°, 100%, 90%
HSV	71°, 20%, 100%
XYZ	84.7840, 95.5206, 71.7287
YIQ	246.6090, 10.6860, -17.4580

Conversions

Conversions Part 2

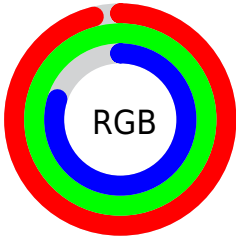
Format	Color
R _Y B	205, 255, 214
Decimal	16187341
CIE Lab	98.24, -11.11, 22.94
CIE LCh	98, 25.491, 115.829
Yxy	95.5206, 0.3364, 0.3790
Android (android.graphics.Color)	4294377421 (0xFFF6FFCD)
YUV	246.6090, -20.5132, -0.5341
Hunter-Lab	97.7346, -16.1884, 24.9006

Details

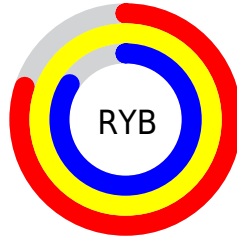
The Yxy color **95.5206, 0.3364, 0.3790** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.1834, 0.2860, 0.2757**, and the grayscale version is **92.8391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.4413, 0.3405, 0.3891** is the 20% darker color. If you saturate the color by 10%, you get **93.5664, 0.3484, 0.4056**, and if you desaturate by 10%, it is **97.6943, 0.3242, 0.3529**.

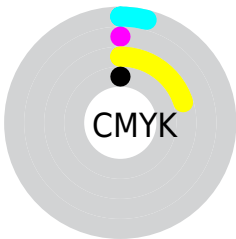
Distribution



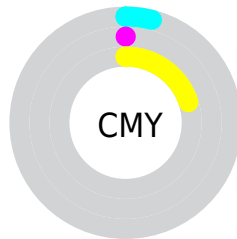
- Red (96%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (84%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.5206, 0.3364, 0.3790 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 95.5206, 0.3364, 0.3790 by changing the saturation by 10% instead.


 95.5206, 0.3364,
0.3790

 95.5206, 0.3364,
0.3790

545.8303, 0.3262,
0.3566

 72.5683, 0.3385,
0.3839


154.9836, 0.3330,
0.3714

 53.6231, 0.3411,
0.3900


192.2632, 0.3317,
0.3683

 38.3004, 0.3442,
0.3975


235.0873, 0.3305,
0.3657

 26.2159, 0.3480,
0.4070

283.8404, 0.3294,
0.3634

 16.9852, 0.3527,
0.4196

338.9069, 0.3285,
0.3614

 10.2240, 0.3588,
0.4368

400.6711, 0.3277,

 5.5477, 0.3665,

0.3596

0.4617

469.5174, 0.3269,
0.3580

■ 2.5721, 0.3791,
0.5043

■ 0.9126, 0.3951,
0.6049

■ 95.5206, 0.3364,
0.3790

■ 95.5206, 0.3364,
0.3790

■ 93.5664, 0.3484,
0.4056

■ 97.6943, 0.3242,
0.3529

■ 91.8245, 0.3597,
0.4320

100.0000, 0.3127,
0.3290

■ 90.2832, 0.3698,
0.4571

■ 88.9311, 0.3782,
0.4799

■ 87.7549, 0.3843,
0.4992

■ 86.7400, 0.3878,
0.5141

■ 85.8685, 0.3887,
0.5244

■ 85.1131, 0.3873,
0.5305

■ 85.0844, 0.3872,
0.5308

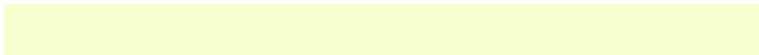
Harmonies

Analogous

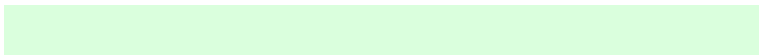
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5206, 0.3586, 0.3731



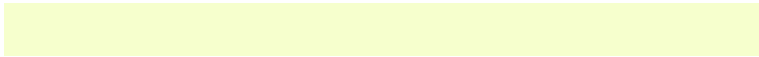
95.5206, 0.3364, 0.3790



95.5206, 0.3085, 0.3701

Triad

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



95.5206, 0.3364, 0.3790



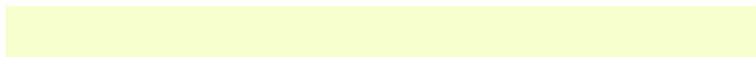
95.5206, 0.2599, 0.2987



95.5206, 0.3427, 0.3100

Complementary

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



95.5206, 0.3364, 0.3790



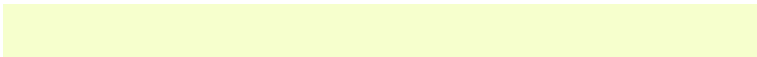
65.1834, 0.2860, 0.2757

Split Complementary

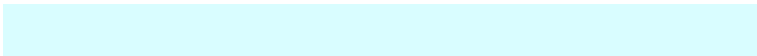
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.5206, 0.3150, 0.2922



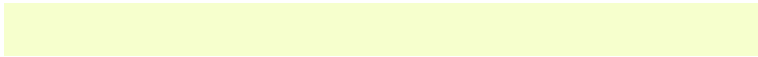
95.5206, 0.3364, 0.3790



95.5206, 0.2680, 0.2851

Square

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



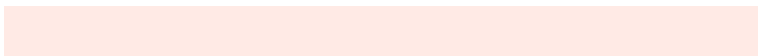
95.5206, 0.3364, 0.3790



95.5206, 0.2651, 0.3218



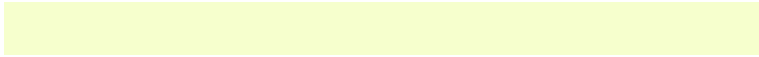
95.5206, 0.2878, 0.2832



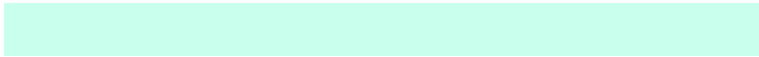
95.5206, 0.3627, 0.3328

Rectangle

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



95.5206, 0.3364, 0.3790



95.5206, 0.2906, 0.3568



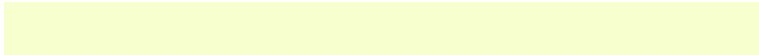
95.5206, 0.2878, 0.2832



95.5206, 0.3340, 0.3033

Sweetspot

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



95.5197, 0.3364, 0.3790



98.5344, 0.3199, 0.3438



73.4269, 0.3501, 0.3376



21.0574, 0.3207, 0.3454



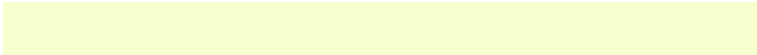
0.0000, 0.0000, 0.0000



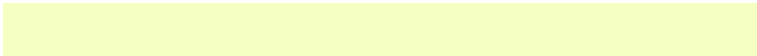
21.4041, 0.3127, 0.3290

Same Dimension

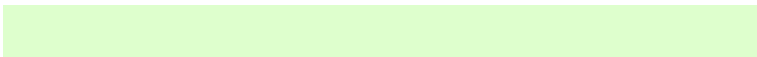
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5197, 0.3364, 0.3790



94.6347, 0.3417, 0.3907



91.4057, 0.3206, 0.3815



20.9156, 0.3241, 0.3527



44.5184, 0.3878, 0.5303



4.3758, 0.3915, 0.5273

Inverse Universe

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



65.1834, 0.2860, 0.2757



58.6689, 0.2790, 0.2622



69.1207, 0.3030, 0.2783



17.5351, 0.3007, 0.3046



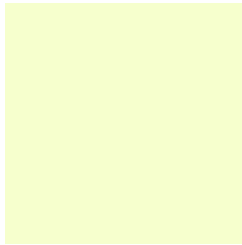
4.1204, 0.1581, 0.0645



0.4418, 0.1674, 0.0696

Previews

White Background



This preview shows how the Yxy color 95.5206, 0.3364, 0.3790 looks on a white background.

Color Contrast Check

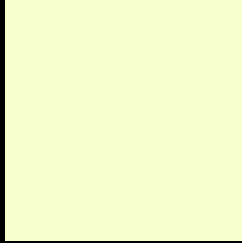
Large Text (above 18pt) WCAG AA × Fail

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 95.5206, 0.3364, 0.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

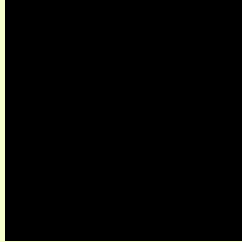
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

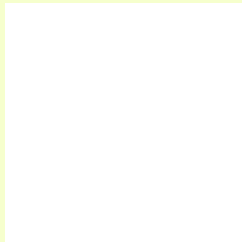
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.5206, 0.3364, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 95.5206, 0.3364, 0.3790.



This preview shows how white text looks on a background with the Yxy color 95.5206, 0.3364, 0.3790.

Color Blindness Simulation

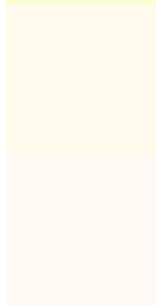
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



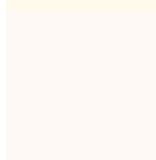
Original Color

95.5206, 0.3364, 0.3790



Protanopia

95.6294, 0.3249, 0.3436



Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

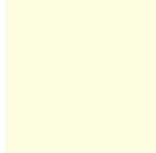
95.4806, 0.3105, 0.3232

Trichromacy



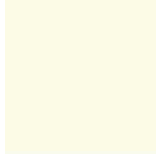
Original Color

95.5206, 0.3364, 0.3790



Protanomaly

95.6981, 0.3293, 0.3565



Deuteranomaly

95.4030, 0.3258, 0.3496



Tritanomaly

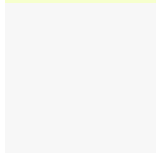
95.2485, 0.3197, 0.3427

Monochromacy



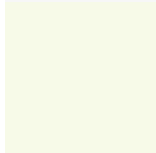
Original Color

95.5206, 0.3364, 0.3790



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.9716, 0.3215, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.5206, 0.3364, 0.3790 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(246, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 205)  
}
```

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(246, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 205) }
```

Border

The CSS property to change the border of an element to Yxy 95.5206, 0.3364, 0.3790 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(246, 255, 205) }
```

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

```
.border{ border-color:rgb(246, 255, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 95.5206, 0.3364, 0.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 205) }
```

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

```
.background{ background-color: rgb(246,  
255, 205) }
```

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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