

Converting Colors

$Y_{xy}(121.9324, 0.3291, 0.4112)$

Have a look what the booklet for
Yxy(121.9324, 0.3291, 0.4112)
contains.

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Color

Yxy(95.2093, 0.3345, 0.3782)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F4FFCE |
| RGB | 244, 255, 206 |
| RGB Percent | 96%, 100%, 81% |
| CMY | 0.0431, 0.0000, 0.1922 |
| CMYK | 0.04, 0.00, 0.19, 0.00 |
| HSL | 73°, 100%, 90% |
| HSV | 73°, 19%, 100% |
| XYZ | 84.2081, 95.2093, 72.3258 |
| YIQ | 246.1250, 9.1730, -17.5710 |

Conversions

Conversions Part 2

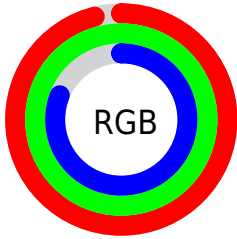
| Format | Color |
|-------------------------------------|---|
| RYB | 206, 255, 217 |
| Decimal | 16056270 |
| CIELab | 98.12, -11.66, 22.25 |
| CIELCh | 98, 25.120, 117.663 |
| Yxy | 95.2093, 0.3345, 0.3782 |
| Android (android.graphics.Color) | 4294246350 (0xFFFF4FFCE) |
| YUV | 246.1250, -19.7816, -1.8636 |
| Hunter-Lab | 97.5753, -16.7100, 24.3551 |

Details

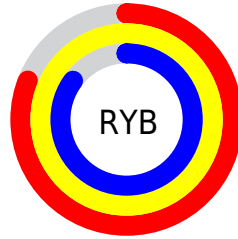
The Yxy color **95.2093, 0.3345, 0.3782** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.1098, 0.2881, 0.2771**, and the grayscale version is **92.4219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.3465, 0.3389, 0.3880** is the 20% darker color. If you saturate the color by 10%, you get **93.0608, 0.3457, 0.4052**, and if you desaturate by 10%, it is **97.5906, 0.3231, 0.3520**.

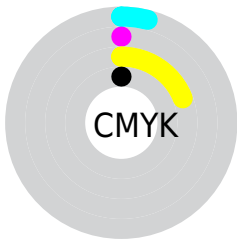
Distribution



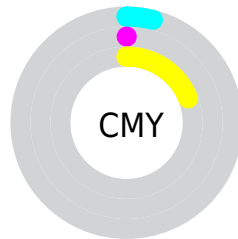
- Red (96%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.2093, 0.3345, 0.3782 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 95.2093, 0.3345, 0.3782 by changing the saturation by 10% instead.


 95.2093, 0.3345,
0.3782

 95.2093, 0.3345,
0.3782


544.8348, 0.3252,
0.3561

 72.3092, 0.3365,
0.3831

154.5537, 0.3314,
0.3707

 53.4113, 0.3388,
0.3890

191.7668, 0.3302,
0.3677

 38.1312, 0.3416,
0.3965


234.5197, 0.3291,
0.3651

 26.0845, 0.3451,
0.4059

283.1968, 0.3281,
0.3629

 16.8869, 0.3494,
0.4184

338.1825, 0.3273,
0.3609

 10.1539, 0.3550,
0.4356

399.8611, 0.3265,

 5.5011, 0.3620,

0.3591

0.4605

468.6171, 0.3258,
0.3575

■ 2.5442, 0.3730,
0.5028

■ 0.8987, 0.3879,
0.6121

■ 95.2093, 0.3345,
0.3782

■ 95.2093, 0.3345,
0.3782

■ 93.0608, 0.3457,
0.4052

■ 97.5906, 0.3231,
0.3520

■ 91.1353, 0.3562,
0.4321

100.0000, 0.3127,
0.3290

■ 89.4219, 0.3656,
0.4580

■ 87.9088, 0.3732,
0.4817

■ 86.5829, 0.3786,
0.5021

■ 85.4294, 0.3815,
0.5182

■ 84.4305, 0.3817,
0.5296

■ 83.5598, 0.3796,
0.5365

■ 83.4947, 0.3794,
0.5370

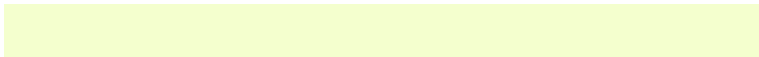
Harmonies

Analogous

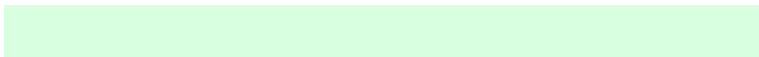
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2093, 0.3569, 0.3732



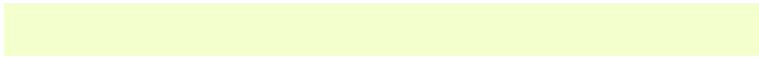
95.2093, 0.3345, 0.3782



95.2093, 0.3069, 0.3686

Triad

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



95.2093, 0.3345, 0.3782



95.2093, 0.2607, 0.2980



95.2093, 0.3438, 0.3116

Complementary

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



95.2093, 0.3345, 0.3782



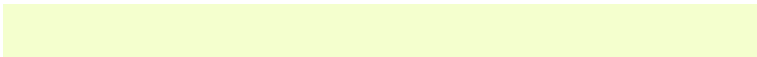
66.1098, 0.2881, 0.2771

Split Complementary

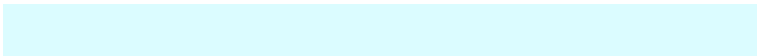
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.2093, 0.3167, 0.2936



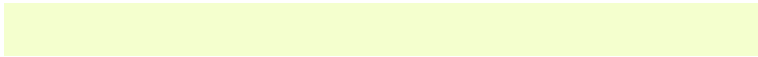
95.2093, 0.3345, 0.3782



95.2093, 0.2694, 0.2853

Square

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



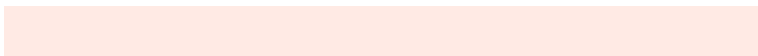
95.2093, 0.3345, 0.3782



95.2093, 0.2650, 0.3204



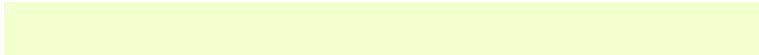
95.2093, 0.2896, 0.2840



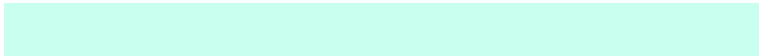
95.2093, 0.3628, 0.3342

Rectangle

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



95.2093, 0.3345, 0.3782



95.2093, 0.2893, 0.3549



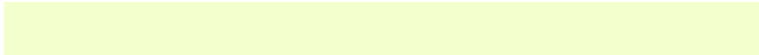
95.2093, 0.2896, 0.2840



95.2093, 0.3353, 0.3048

Sweetspot

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



95.2093, 0.3345, 0.3782



98.4080, 0.3194, 0.3438



75.1415, 0.3487, 0.3399



21.0274, 0.3202, 0.3455



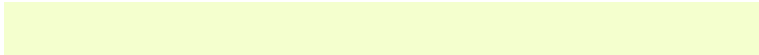
0.0000, 0.0000, 0.0000



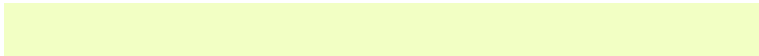
21.4041, 0.3127, 0.3290

Same Dimension

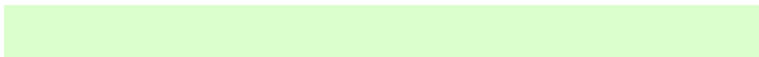
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2093, 0.3345, 0.3782



94.3700, 0.3388, 0.3883



91.1726, 0.3189, 0.3807



20.8731, 0.3234, 0.3527



43.6973, 0.3800, 0.5364



4.3027, 0.3847, 0.5327

Inverse Universe

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



66.1098, 0.2881, 0.2771



60.4881, 0.2824, 0.2657



70.0803, 0.3050, 0.2796



17.5743, 0.3014, 0.3047



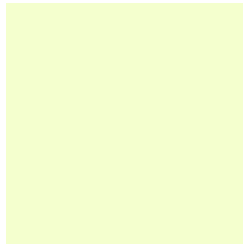
4.2845, 0.1618, 0.0665



0.4632, 0.1722, 0.0722

Previews

White Background



This preview shows how the Yxy color 95.2093, 0.3345, 0.3782 looks on a white background.

Color Contrast Check

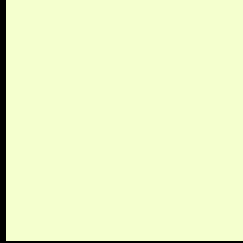
Large Text (above 18pt) WCAG AA × Fail

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 95.2093, 0.3345, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

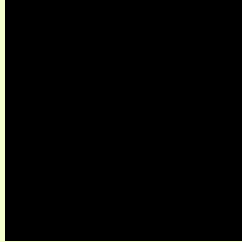
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

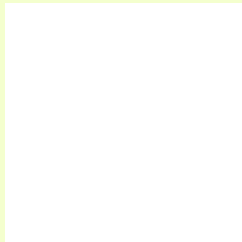
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.2093, 0.3345, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 95.2093, 0.3345, 0.3782.



This preview shows how white text looks on a background with the Yxy color 95.2093, 0.3345, 0.3782.

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

95.2093, 0.3345, 0.3782

Protanopia

94.9519, 0.3256, 0.3436

Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

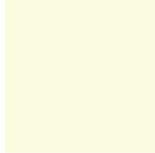
95.2954, 0.3098, 0.3232

Trichromacy



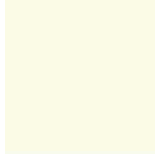
Original Color

95.2093, 0.3345, 0.3782



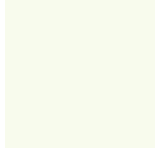
Protanomaly

94.8854, 0.3288, 0.3556



Deuteranomaly

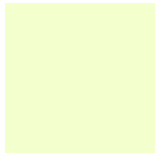
95.2168, 0.3252, 0.3496



Tritanomaly

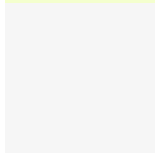
95.0652, 0.3191, 0.3427

Monochromacy



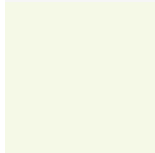
Original Color

95.2093, 0.3345, 0.3782



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.9334, 0.3209, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2093, 0.3345, 0.3782 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(244, 255, 206)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 206)  
}
```

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(244, 255, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 206) }
```

Border

The CSS property to change the border of an element to Yxy 95.2093, 0.3345, 0.3782 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(244, 255, 206) }
```

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

```
.border{ border-color:rgb(244, 255, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 206);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2093, 0.3345, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 206) }
```

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

```
.background{ background-color: rgb(244,  
255, 206) }
```

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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