

Converting Colors

Yxy(97.4355, 0.3245, 0.3646)

Have a look what the booklet for
Yxy(97.4355, 0.3245, 0.3646)
contains.

Yxy(95.8486, 0.3244, 0.3619)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(95.8486, 0.3244, 0.3619)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFDE
RGB	243, 255, 222
RGB Percent	95%, 100%, 87%
CMY	0.0469, 0.0000, 0.1294
CMYK	0.05, 0.00, 0.13, 0.00
HSL	82°, 100%, 94%
HSV	82°, 13%, 100%
XYZ	85.9168, 95.8486, 83.0829
YIQ	247.6500, 3.4410, -12.8070

Conversions

Conversions Part 2

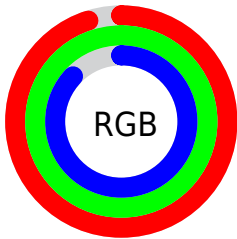
Format	Color
R _Y B	222, 255, 234
Decimal	15990750
CIE Lab	98.37, -9.53, 14.43
CIE LCh	98, 17.298, 123.449
Yxy	95.8486, 0.3244, 0.3619
Android (android.graphics.Color)	4294180830 (0xFFFF3FFDE)
YUV	247.6500, -12.6454, -4.0780
Hunter-Lab	97.9023, -14.6816, 18.2163

Details

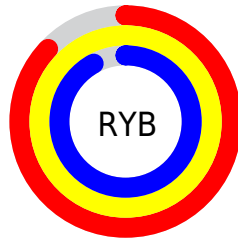
The Yxy color **95.8486, 0.3244, 0.3619** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76.9523, 0.2999, 0.2955**, and the grayscale version is **93.6790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7430, 0.3268, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **92.9834, 0.3334, 0.3892**, and if you desaturate by 10%, it is **99.0117, 0.3153, 0.3362**.

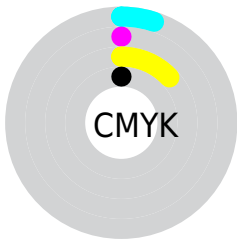
Distribution



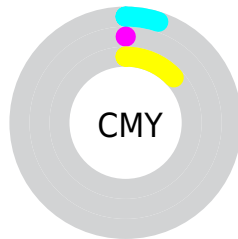
- Red (95%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.8486, 0.3244, 0.3619 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 95.8486, 0.3244, 0.3619 by changing the saturation by 10% instead.


 95.8486, 0.3244,
0.3619

 95.8486, 0.3244,
0.3619


546.8781, 0.3194,
0.3472

 72.8415, 0.3255,
0.3652


155.4365, 0.3227,
0.3569

 53.8463, 0.3267,
0.3691


192.7860, 0.3221,
0.3549

 38.4788, 0.3283,
0.3740


235.6851, 0.3215,
0.3532

 26.3545, 0.3302,
0.3804

284.5181, 0.3210,
0.3517

 17.0891, 0.3327,
0.3887

339.6696, 0.3205,
0.3504

 10.2980, 0.3359,
0.4002

401.5238, 0.3201,

 5.5970, 0.3402,

0.3492

0.4172

470.4652, 0.3197,
0.3481

■ 2.6016, 0.3460,
0.4445

■ 0.9275, 0.4113,
0.5886

■ 95.8486, 0.3244,
0.3619

■ 95.8486, 0.3244,
0.3619

■ 92.9834, 0.3334,
0.3892

■ 99.0117, 0.3153,
0.3362

■ 90.3932, 0.3419,
0.4175

99.9971, 0.3127,
0.3290

■ 88.0709, 0.3496,
0.4460

■ 86.0044, 0.3559,
0.4736

■ 84.1806, 0.3603,
0.4989

■ 82.5848, 0.3624,
0.5207

■ 81.1999, 0.3619,
0.5379

■ 80.0060, 0.3591,
0.5498

■ 79.2576, 0.3559,
0.5556

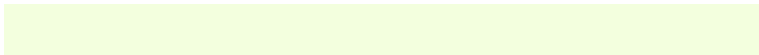
Harmonies

Analogous

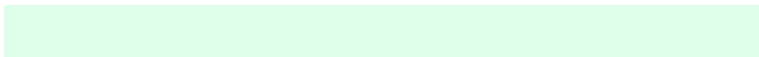
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8486, 0.3408, 0.3608



95.8486, 0.3244, 0.3619



95.8486, 0.3053, 0.3534

Triad

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



95.8486, 0.3244, 0.3619



95.8486, 0.2770, 0.3056



95.8486, 0.3372, 0.3199

Complementary

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



95.8486, 0.3244, 0.3619



76.9523, 0.2999, 0.2955

Split Complementary

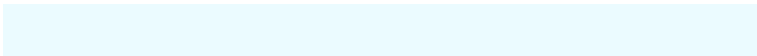
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.8486, 0.3194, 0.3063



95.8486, 0.3244, 0.3619



95.8486, 0.2849, 0.2979

Square

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



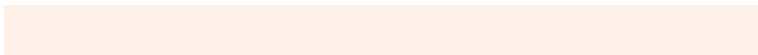
95.8486, 0.3244, 0.3619



95.8486, 0.2783, 0.3201



95.8486, 0.3003, 0.2983



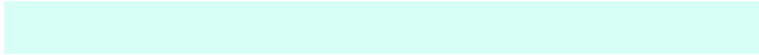
95.8486, 0.3484, 0.3362

Rectangle

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



95.8486, 0.3244, 0.3619



95.8486, 0.2935, 0.3435



95.8486, 0.3003, 0.2983



95.8486, 0.3317, 0.3149

Sweetspot

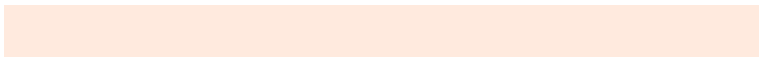
The Sweet Spot groups the original color and five complimentary colors.



95.8528, 0.3244, 0.3619



98.6658, 0.3163, 0.3388



85.1248, 0.3349, 0.3405



21.0660, 0.3170, 0.3407



0.0000, 0.0000, 0.0000



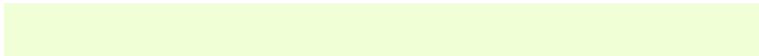
21.4041, 0.3127, 0.3290

Same Dimension

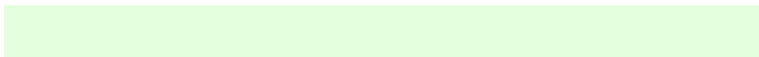
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.8528, 0.3244, 0.3619



94.9474, 0.3272, 0.3701



93.1150, 0.3142, 0.3629



20.7423, 0.3213, 0.3529



41.5028, 0.3569, 0.5548



4.1027, 0.3640, 0.5492

Inverse Universe

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



76.9523, 0.2999, 0.2955



72.0707, 0.2965, 0.2870



79.7986, 0.3108, 0.2966



17.6982, 0.3036, 0.3048



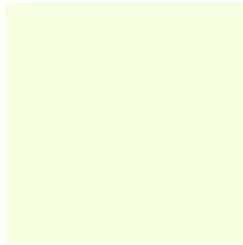
5.0498, 0.1784, 0.0757



0.5508, 0.1908, 0.0825

Previews

White Background



This preview shows how the Yxy color 95.8486, 0.3244, 0.3619 looks on a white background.

Color Contrast Check

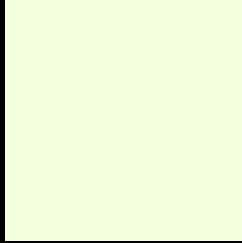
Large Text (above 18pt) WCAG AA × Fail

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 95.8486, 0.3244, 0.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

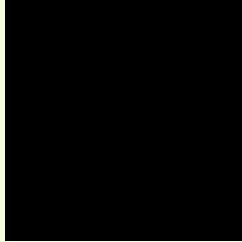
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

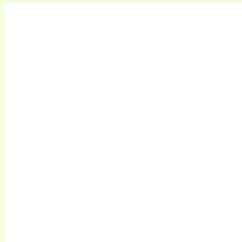
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.8486, 0.3244, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 95.8486, 0.3244, 0.3619.

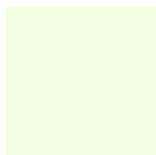


This preview shows how white text looks on a background with the Yxy color 95.8486, 0.3244, 0.3619.

Color Blindness Simulation

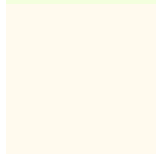
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



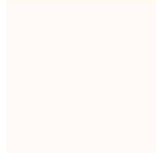
Original Color

95.8486, 0.3244, 0.3619



Protanopia

95.8043, 0.3230, 0.3406



Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

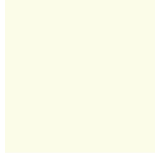
95.9152, 0.3098, 0.3242

Trichromacy



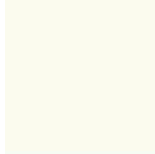
Original Color

95.8486, 0.3244, 0.3619



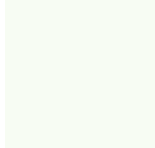
Protanomaly

95.9562, 0.3239, 0.3486



Deuteranomaly

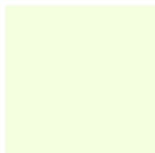
95.6766, 0.3204, 0.3417



Tritanomaly

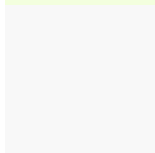
95.8660, 0.3148, 0.3378

Monochromacy



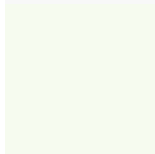
Original Color

95.8486, 0.3244, 0.3619



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.8192, 0.3166, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8486, 0.3244, 0.3619 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(243, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 222)  
}
```

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(243, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 222) }
```

Border

The CSS property to change the border of an element to Yxy 95.8486, 0.3244, 0.3619 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(243, 255, 222) }
```

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

```
.border{ border-color:rgb(243, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8486, 0.3244, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 222) }
```

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

```
.background{ background-color: rgb(243,  
255, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor