

Converting Colors

$Y_{xy}(100.0000, 0.3219, 0.3740)$

Have a look what the booklet for
Yxy(100.0000, 0.3219, 0.3740)
contains.

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Color

Yxy(94.5865, 0.3229, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFDA
RGB	237, 255, 218
RGB Percent	93%, 100%, 85%
CMY	0.0703, 0.0000, 0.1450
CMYK	0.07, 0.00, 0.14, 0.00
HSL	89°, 100%, 93%
HSV	89°, 14%, 100%
XYZ	83.3569, 94.5865, 80.2075
YIQ	245.4000, 1.1490, -15.3230

Conversions

Conversions Part 2

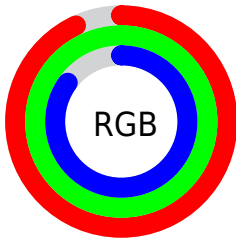
Format	Color
R _Y B	218, 255, 236
Decimal	15597530
CIE Lab	97.87, -12.21, 15.70
CIE LCh	98, 19.888, 127.880
Yxy	94.5865, 0.3229, 0.3664
Android (android.graphics.Color)	4293787610 (0xFFEDFFDA)
YUV	245.4000, -13.5082, -7.3668
Hunter-Lab	97.2556, -17.2065, 19.1820

Details

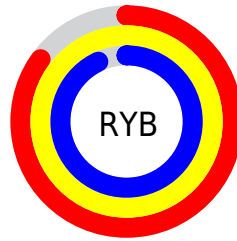
The Yxy color **94.5865, 0.3229, 0.3664** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.1981, 0.3013, 0.2916**, and the grayscale version is **91.7706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8563, 0.3249, 0.3745** is the 20% darker color. If you saturate the color by 10%, you get **91.3000, 0.3297, 0.3946**, and if you desaturate by 10%, it is **98.2334, 0.3159, 0.3401**.

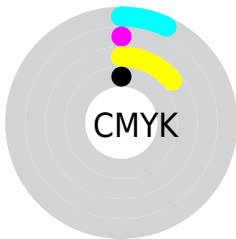
Distribution



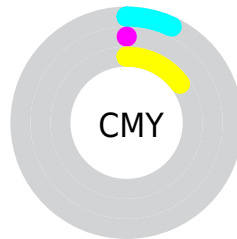
- Red (93%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (93%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.5865, 0.3229, 0.3664 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 94.5865, 0.3229, 0.3664 by changing the saturation by 10% instead.

 94.5865, 0.3229,
0.3664

 94.5865, 0.3229,
0.3664


542.8404, 0.3186,
0.3496

 71.7909, 0.3238,
0.3701


153.6932, 0.3215,
0.3606

 52.9879, 0.3249,
0.3747

190.7731, 0.3209,
0.3584

 37.7931, 0.3262,
0.3804


233.3832, 0.3204,
0.3564

 25.8221, 0.3277,
0.3877

281.9078, 0.3199,
0.3547

 16.6906, 0.3297,
0.3975

336.7315, 0.3196,
0.3532

 10.0142, 0.3322,
0.4110

398.2385, 0.3192,

 5.4083, 0.3354,

0.3518

0.4311

466.8134, 0.3189,
0.3506

■ 2.4888, 0.3391,
0.4636

■ 0.8710, 0.3782,
0.6218

■ 94.5865, 0.3229,
0.3664

■ 94.5865, 0.3229,
0.3664

■ 91.3000, 0.3297,
0.3946

■ 98.2334, 0.3159,
0.3401

■ 88.3493, 0.3360,
0.4242

99.9924, 0.3127,
0.3290

■ 85.7254, 0.3414,
0.4543

■ 83.4142, 0.3453,
0.4837

■ 81.4002, 0.3474,
0.5109

■ 79.6666, 0.3473,
0.5343

■ 78.1938, 0.3449,
0.5527

■ 76.9587, 0.3404,
0.5653

■ 76.3638, 0.3373,
0.5703

Harmonies

Analogous

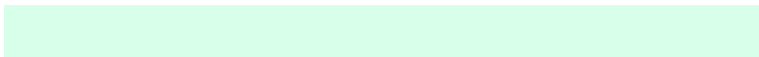
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5865, 0.3427, 0.3666



94.5865, 0.3229, 0.3664



94.5865, 0.3009, 0.3551

Triad

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



94.5865, 0.3229, 0.3664



94.5865, 0.2723, 0.3001



94.5865, 0.3435, 0.3212

Complementary

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



94.5865, 0.3229, 0.3664



75.1981, 0.3013, 0.2916

Split Complementary

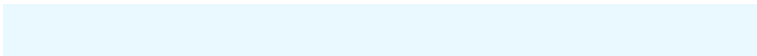
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.5865, 0.3237, 0.3049



94.5865, 0.3229, 0.3664



94.5865, 0.2828, 0.2927

Square

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



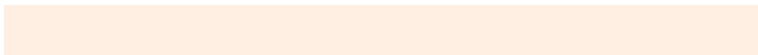
94.5865, 0.3229, 0.3664



94.5865, 0.2722, 0.3157



94.5865, 0.3014, 0.2946



94.5865, 0.3550, 0.3398

Rectangle

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



94.5865, 0.3229, 0.3664



94.5865, 0.2879, 0.3429



94.5865, 0.3014, 0.2946



94.5865, 0.3376, 0.3153

Sweetspot

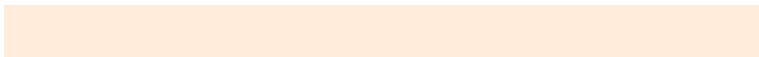
The Sweet Spot groups the original color and five complimentary colors.



94.5906, 0.3229, 0.3664



98.4342, 0.3155, 0.3389



86.2481, 0.3372, 0.3468



21.0073, 0.3161, 0.3408



0.0000, 0.0000, 0.0000



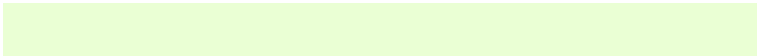
21.4041, 0.3127, 0.3290

Same Dimension

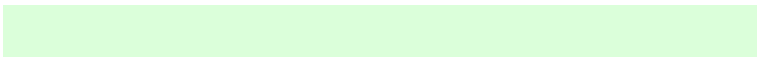
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5906, 0.3229, 0.3664



93.7443, 0.3246, 0.3733



91.5797, 0.3113, 0.3677



20.6281, 0.3194, 0.3530



39.9953, 0.3385, 0.5694



3.9592, 0.3470, 0.5627

Inverse Universe

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



75.1981, 0.3013, 0.2916



71.4009, 0.2990, 0.2846



78.5149, 0.3140, 0.2930



17.8100, 0.3055, 0.3050



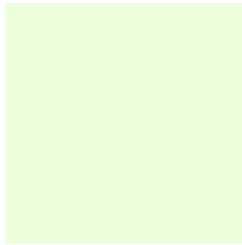
6.0868, 0.1992, 0.0871



0.6573, 0.2115, 0.0939

Previews

White Background



This preview shows how the Yxy color 94.5865, 0.3229, 0.3664 looks on a white background.

Color Contrast Check

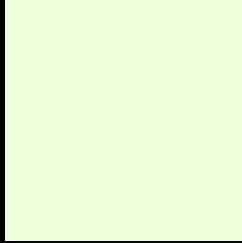
Large Text (above 18pt) WCAG AA × Fail

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 94.5865, 0.3229, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

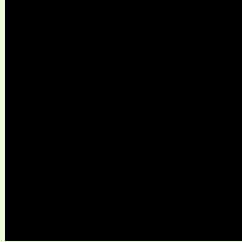
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

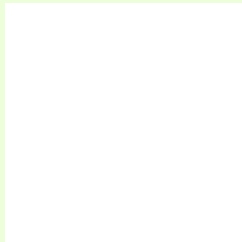
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.5865, 0.3229, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 94.5865, 0.3229, 0.3664.

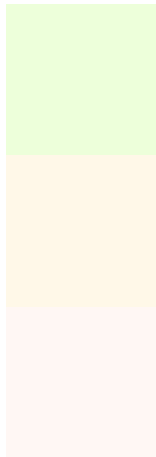


This preview shows how white text looks on a background with the Yxy color 94.5865, 0.3229, 0.3664.

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

94.5865, 0.3229, 0.3664

Protanopia

94.2210, 0.3269, 0.3446

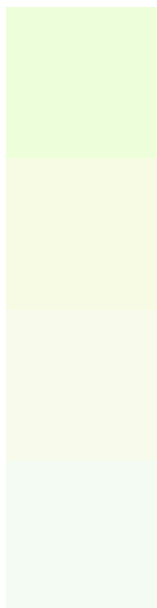
Deuteranopia

94.3132, 0.3197, 0.3319

Tritanopia

94.1290, 0.3080, 0.3222

Trichromacy



Original Color

94.5865, 0.3229, 0.3664

Protanomaly

94.4969, 0.3250, 0.3527

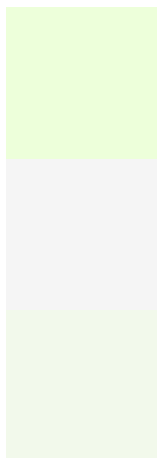
Deuteranomaly

94.3258, 0.3203, 0.3438

Tritanomaly

94.4599, 0.3129, 0.3379

Monochromacy



Original Color

94.5865, 0.3229, 0.3664

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.6268, 0.3165, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5865, 0.3229, 0.3664 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(237, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 218)  
}
```

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(237, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 218) }
```

Border

The CSS property to change the border of an element to Yxy 94.5865, 0.3229, 0.3664 is called "border". The border property can be set on classes, ids or directly on the HTML element.

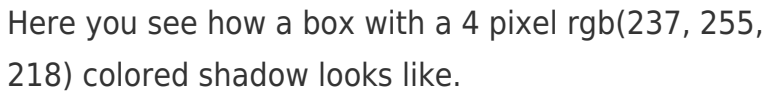
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 255, 218) }
```

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

```
.border{ border-color:rgb(237, 255, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(237, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 255, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 255, 218); box-shadow:4px 4px 4px 4px rgb(237, 255, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5865, 0.3229, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 255, 218) }
```

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

```
.background{ background-color: rgb(237,  
255, 218) }
```

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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