

Converting Colors

Yxy(94.8051, 0.3220, 0.3641)

Have a look what the booklet for
Yxy(94.8051, 0.3220, 0.3641)
contains.

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Color

Yxy(94.8644, 0.3223, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	EEFFDC
RGB	238, 255, 220
RGB Percent	93%, 100%, 86%
CMY	0.0669, 0.0000, 0.1372
CMYK	0.07, 0.00, 0.14, 0.00
HSL	89°, 100%, 93%
HSV	89°, 14%, 100%
XYZ	83.9275, 94.8644, 81.6099
YIQ	245.9270, 1.1030, -14.4890

Conversions

Conversions Part 2

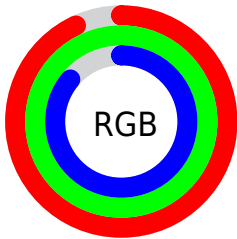
Format	Color
R _Y B	220, 255, 237
Decimal	15663068
CIE Lab	97.98, -11.60, 14.84
CIE LCh	98, 18.839, 128.014
Yxy	94.8644, 0.3223, 0.3643
Android (android.graphics.Color)	4293853148 (0xFFEEFFDC)
YUV	245.9270, -12.7820, -6.9520
Hunter-Lab	97.3984, -16.6349, 18.4998

Details

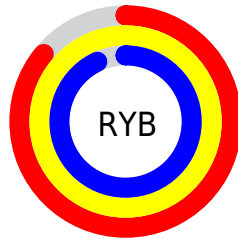
The Yxy color **94.8644, 0.3223, 0.3643** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **76.4334, 0.3020, 0.2937**, and the grayscale version is **92.1901, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.0499, 0.3242, 0.3717** is the 20% darker color. If you saturate the color by 10%, you get **91.5301, 0.3291, 0.3924**, and if you desaturate by 10%, it is **98.5386, 0.3153, 0.3382**.

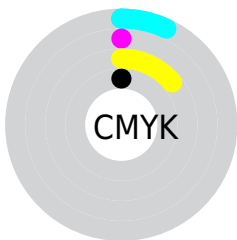
Distribution



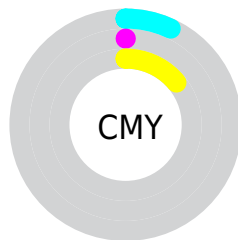
- Red (93%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (93%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.8644, 0.3223, 0.3643 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 94.8644, 0.3223, 0.3643 by changing the saturation by 10% instead.

 94.8644, 0.3223,
0.3643

 94.8644, 0.3223,
0.3643


543.7308, 0.3182,
0.3484

 72.0221, 0.3231,
0.3678


154.0773, 0.3210,
0.3589

 53.1767, 0.3242,
0.3721


191.2166, 0.3204,
0.3567

 37.9439, 0.3254,
0.3775


233.8905, 0.3199,
0.3549

 25.9391, 0.3269,
0.3844

282.4832, 0.3195,
0.3533

 16.7781, 0.3288,
0.3935

337.3792, 0.3191,
0.3519

 10.0764, 0.3312,
0.4062

398.9629, 0.3188,

 5.4497, 0.3342,

0.3506

0.4250

467.6186, 0.3185,
0.3494

■ 2.5134, 0.3380,
0.4555

■ 0.8834, 0.3864,
0.6136

■ 94.8644, 0.3223,
0.3643

■ 94.8644, 0.3223,
0.3643

■ 91.5301, 0.3291,
0.3924

■ 98.5386, 0.3153,
0.3382

■ 88.5455, 0.3354,
0.4219

100.0000, 0.3127,
0.3290

■ 85.8901, 0.3408,
0.4520

■ 83.5499, 0.3448,
0.4816

■ 81.5095, 0.3471,
0.5090

■ 79.7521, 0.3471,
0.5328

■ 78.2583, 0.3449,
0.5517

■ 77.0053, 0.3405,
0.5648

■ 76.3224, 0.3370,
0.5706

Harmonies

Analogous

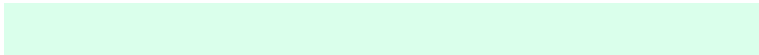
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8644, 0.3410, 0.3646



94.8644, 0.3223, 0.3643



94.8644, 0.3015, 0.3536

Triad

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



94.8644, 0.3223, 0.3643



94.8644, 0.2745, 0.3016



94.8644, 0.3419, 0.3217

Complementary

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



94.8644, 0.3223, 0.3643



76.4334, 0.3020, 0.2937

Split Complementary

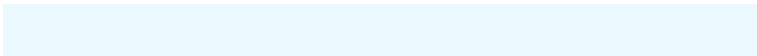
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.8644, 0.3232, 0.3062



94.8644, 0.3223, 0.3643



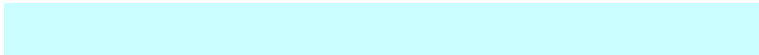
94.8644, 0.2845, 0.2945

Square

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



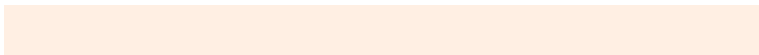
94.8644, 0.3223, 0.3643



94.8644, 0.2743, 0.3164



94.8644, 0.3021, 0.2964



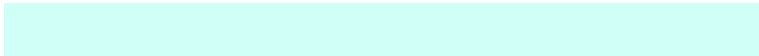
94.8644, 0.3527, 0.3394

Rectangle

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



94.8644, 0.3223, 0.3643



94.8644, 0.2892, 0.3421



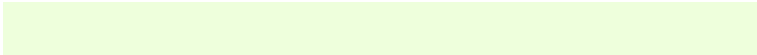
94.8644, 0.3021, 0.2964



94.8644, 0.3363, 0.3161

Sweetspot

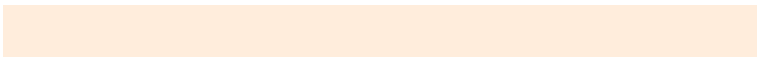
The Sweet Spot groups the original color and five complimentary colors.



94.8570, 0.3223, 0.3643



98.4296, 0.3155, 0.3389



86.9545, 0.3358, 0.3458



21.0062, 0.3160, 0.3408



0.0000, 0.0000, 0.0000



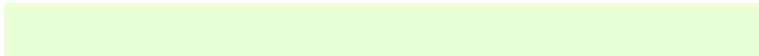
21.4041, 0.3127, 0.3290

Same Dimension

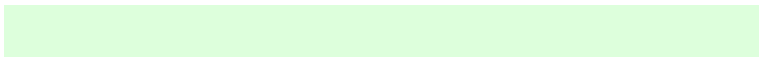
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.8570, 0.3223, 0.3643



94.0669, 0.3239, 0.3705



91.9983, 0.3114, 0.3655



20.6259, 0.3194, 0.3530



39.9694, 0.3382, 0.5697



3.9567, 0.3466, 0.5630

Inverse Universe

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



76.4334, 0.3020, 0.2937



72.9214, 0.3000, 0.2874



79.5666, 0.3139, 0.2950



17.8123, 0.3056, 0.3050



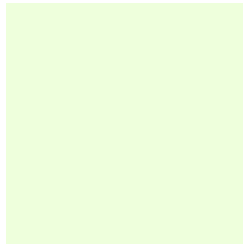
6.1110, 0.1997, 0.0874



0.6597, 0.2120, 0.0941

Previews

White Background



This preview shows how the Yxy color 94.8644, 0.3223, 0.3643 looks on a white background.

Color Contrast Check

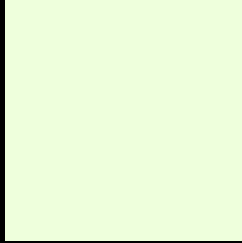
Large Text (above 18pt) WCAG AA × Fail

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 94.8644, 0.3223, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

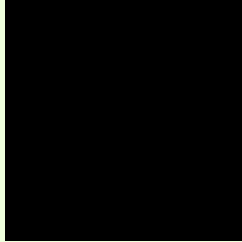
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

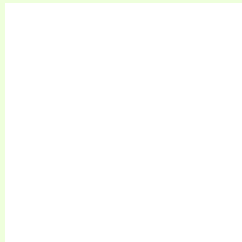
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.8644, 0.3223, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 94.8644, 0.3223, 0.3643.

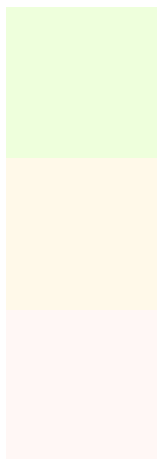


This preview shows how white text looks on a background with the Yxy color 94.8644, 0.3223, 0.3643.

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

94.8644, 0.3223, 0.3643

Protanopia

94.8946, 0.3262, 0.3446

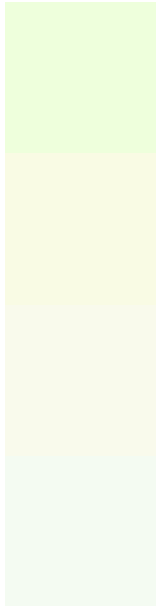
Deuteranopia

94.3741, 0.3191, 0.3309

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

94.8644, 0.3223, 0.3643

Protanomaly

94.7355, 0.3251, 0.3517

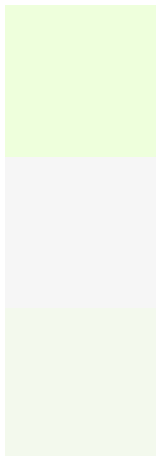
Deuteranomaly

94.5671, 0.3204, 0.3427

Tritanomaly

94.6383, 0.3136, 0.3379

Monochromacy



Original Color

94.8644, 0.3223, 0.3643

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.9205, 0.3160, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8644, 0.3223, 0.3643 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(238, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 220)  
}
```

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(238, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 220) }
```

Border

The CSS property to change the border of an element to Yxy 94.8644, 0.3223, 0.3643 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(238, 255, 220) }
```

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

```
.border{ border-color:rgb(238, 255, 220) }
```

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

Here you see how a box with a 4 pixel rgb(238, 255, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8644, 0.3223, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 220) }
```

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

```
.background{ background-color: rgb(238,  
255, 220) }
```

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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