

Converting Colors

Yxy(94.6016, 0.3224, 0.3657)

Have a look what the booklet for
Yxy(94.6016, 0.3224, 0.3657)
contains.

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Color

Yxy(94.6390, 0.3223, 0.3654)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFDB
RGB	237, 255, 219
RGB Percent	93%, 100%, 86%
CMY	0.0705, 0.0000, 0.1412
CMYK	0.07, 0.00, 0.14, 0.00
HSL	90°, 100%, 93%
HSV	90°, 14%, 100%
XYZ	83.4761, 94.6390, 80.8860
YIQ	245.5140, 0.8280, -15.0120

Conversions

Conversions Part 2

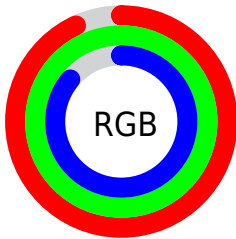
Format	Color
R_{YB}	219, 255, 237
Decimal	15597531
CIE _{Lab}	97.89, -12.07, 15.23
CIE _{LCh}	98, 19.432, 128.415
Yxy	94.6390, 0.3223, 0.3654
Android (android.graphics.Color)	4293787611 (0xFFEDFFDB)
YUV	245.5140, -13.0714, -7.4668
Hunter-Lab	97.2826, -17.0776, 18.8009

Details

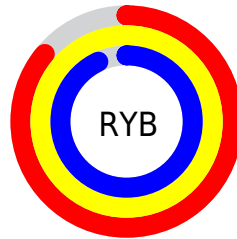
The Yxy color **94.6390, 0.3223, 0.3654** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.8862, 0.3020, 0.2926**, and the grayscale version is **91.8577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8923, 0.3242, 0.3731** is the 20% darker color. If you saturate the color by 10%, you get **91.2854, 0.3289, 0.3936**, and if you desaturate by 10%, it is **98.3614, 0.3155, 0.3392**.

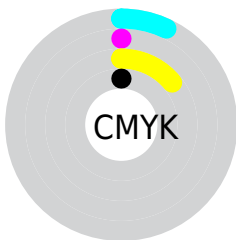
Distribution



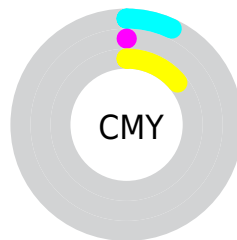
- Red (93%)
- Green (100%)
- Blue (86%)



- 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 94.6390, 0.3223, 0.3654 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 94.6390, 0.3223, 0.3654 by changing the saturation by 10% instead.


 94.6390, 0.3223,
0.3654

 94.6390, 0.3223,
0.3654


543.0086, 0.3182,
0.3490

 71.8346, 0.3231,
0.3690


153.7658, 0.3210,
0.3598

 53.0235, 0.3241,
0.3735


190.8569, 0.3204,
0.3576

 37.8216, 0.3254,
0.3790


233.4790, 0.3199,
0.3557

 25.8442, 0.3268,
0.3862

282.0165, 0.3195,
0.3540

 16.7071, 0.3287,
0.3956

336.8539, 0.3192,
0.3525

 10.0259, 0.3310,
0.4088

398.3754, 0.3188,

 5.4161, 0.3340,

0.3512

0.4283

466.9655, 0.3185,
0.3501

■ 2.4934, 0.3375,
0.4600

■ 0.8733, 0.3800,
0.6200

■ 94.6390, 0.3223,
0.3654

■ 94.6390, 0.3223,
0.3654

■ 91.2854, 0.3289,
0.3936

■ 98.3614, 0.3155,
0.3392

■ 88.2770, 0.3350,
0.4233

100.0000, 0.3127,
0.3290

■ 85.6042, 0.3401,
0.4536

■ 83.2527, 0.3439,
0.4833

■ 81.2067, 0.3458,
0.5108

■ 79.4489, 0.3456,
0.5347

■ 77.9597, 0.3432,
0.5535

■ 76.7158, 0.3386,
0.5665

■ 76.0807, 0.3353,
0.5719

Harmonies

Analogous

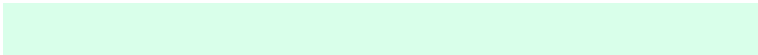
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6390, 0.3417, 0.3658



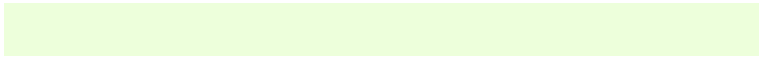
94.6390, 0.3223, 0.3654



94.6390, 0.3008, 0.3542

Triad

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



94.6390, 0.3223, 0.3654



94.6390, 0.2733, 0.3005



94.6390, 0.3431, 0.3217

Complementary

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



94.6390, 0.3223, 0.3654



75.8862, 0.3020, 0.2926

Split Complementary

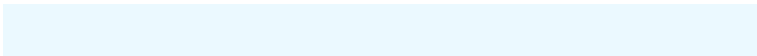
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.6390, 0.3238, 0.3057



94.6390, 0.3223, 0.3654



94.6390, 0.2838, 0.2934

Square

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



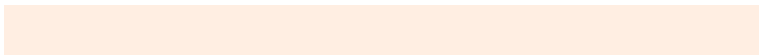
94.6390, 0.3223, 0.3654



94.6390, 0.2730, 0.3158



94.6390, 0.3021, 0.2955



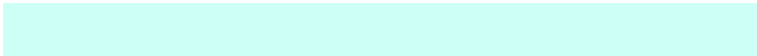
94.6390, 0.3541, 0.3399

Rectangle

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



94.6390, 0.3223, 0.3654



94.6390, 0.2882, 0.3422



94.6390, 0.3021, 0.2955



94.6390, 0.3373, 0.3159

Sweetspot

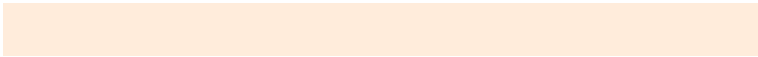
The Sweet Spot groups the original color and five complimentary colors.



94.6426, 0.3223, 0.3654



98.4069, 0.3154, 0.3389



86.5971, 0.3365, 0.3463



21.0004, 0.3159, 0.3408



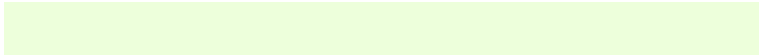
0.0000, 0.0000, 0.0000



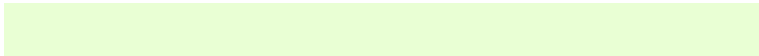
21.4041, 0.3127, 0.3290

Same Dimension

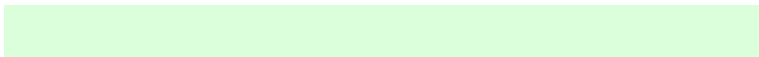
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.6426, 0.3223, 0.3654



93.6380, 0.3242, 0.3734



91.7884, 0.3113, 0.3666



20.6147, 0.3192, 0.3530



39.8426, 0.3365, 0.5710



3.9443, 0.3451, 0.5642

Inverse Universe

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



75.8862, 0.3020, 0.2926



71.5068, 0.2994, 0.2847



79.0310, 0.3139, 0.2940



17.8234, 0.3057, 0.3050



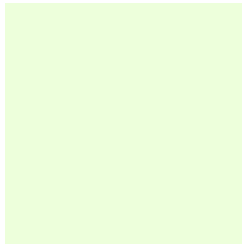
6.2338, 0.2020, 0.0886



0.6719, 0.2142, 0.0954

Previews

White Background



This preview shows how the Yxy color 94.6390, 0.3223, 0.3654 looks on a white background.

Color Contrast Check

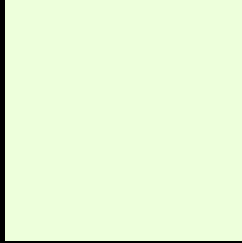
Large Text (above 18pt) WCAG AA × Fail

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 94.6390, 0.3223, 0.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

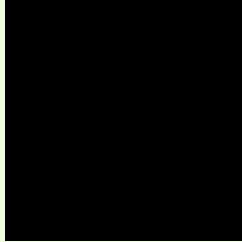
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

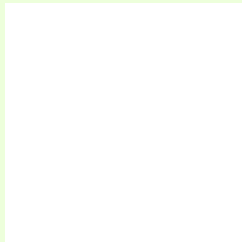
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.6390, 0.3223, 0.3654

Background



This preview shows how black text looks on a background with the Yxy color 94.6390, 0.3223, 0.3654.

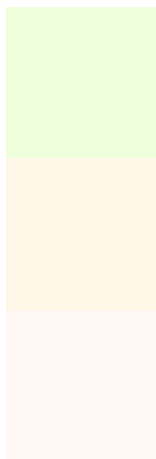


This preview shows how white text looks on a background with the Yxy color 94.6390, 0.3223, 0.3654.

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

94.6390, 0.3223, 0.3654

Protanopia

94.2210, 0.3269, 0.3446

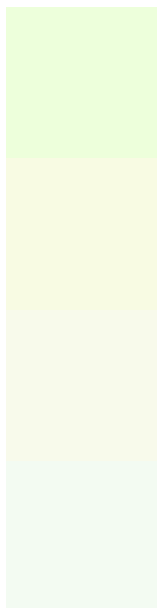
Deuteranopia

94.3132, 0.3197, 0.3319

Tritanopia

94.7455, 0.3080, 0.3232

Trichromacy



Original Color

94.6390, 0.3223, 0.3654

Protanomaly

94.4969, 0.3250, 0.3527

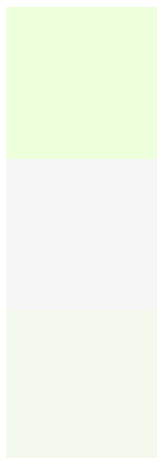
Deuteranomaly

94.3258, 0.3203, 0.3438

Tritanomaly

94.4599, 0.3129, 0.3379

Monochromacy



Original Color

94.6390, 0.3223, 0.3654

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.8622, 0.3166, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6390, 0.3223, 0.3654 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 219) }
```

Border

The CSS property to change the border of an element to Yxy 94.6390, 0.3223, 0.3654 is called "border". The border property can be set on classes, ids or directly on the HTML element.

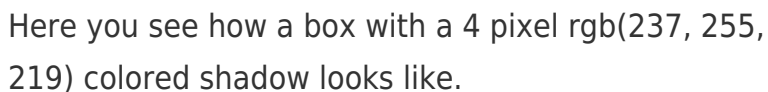
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 255, 219) }
```

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

```
.border{ border-color:rgb(237, 255, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 255, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 255, 219); box-shadow:4px 4px 4px 4px rgb(237, 255, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6390, 0.3223, 0.3654 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, 219) }
```

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

```
.background{ background-color: rgb(237,  
255, 219) }
```

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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