

Converting Colors

$Yxy(94.9695, 0.3172, 0.3572)$

Have a look what the booklet for
Yxy(94.9695, 0.3172, 0.3572)
contains.

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Color

Yxy(94.8989, 0.3170, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	ECFFE3
RGB	236, 255, 227
RGB Percent	93%, 100%, 89%
CMY	0.0745, 0.0000, 0.1098
CMYK	0.07, 0.00, 0.11, 0.00
HSL	101°, 100%, 95%
HSV	101°, 11%, 100%
XYZ	84.2188, 94.8989, 86.5567
YIQ	246.1270, -2.3360, -12.7360

Conversions

Conversions Part 2

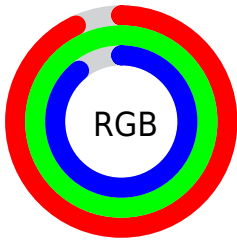
Format	Color
R_{YB}	227, 255, 246
Decimal	15532003
CIE _{Lab}	97.99, -11.11, 11.27
CIE _{LCh}	98, 15.822, 134.590
Yxy	94.8989, 0.3170, 0.3572
Android (android.graphics.Color)	4293722083 (0xFFE3FFE3)
YUV	246.1270, -9.4296, -8.8814
Hunter-Lab	97.4161, -16.1601, 15.5105

Details

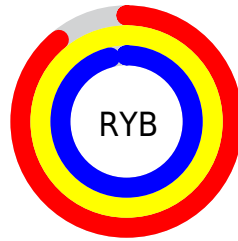
The Yxy color **94.8989, 0.3170, 0.3572** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **81.7568, 0.3079, 0.3014**, and the grayscale version is **92.3475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.0700, 0.3175, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **90.7746, 0.3207, 0.3857**, and if you desaturate by 10%, it is **99.5214, 0.3131, 0.3314**.

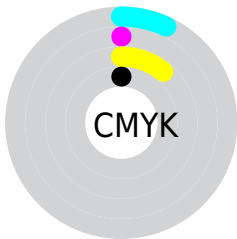
Distribution



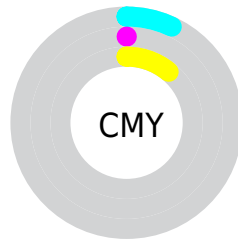
- Red (93%)
- Green (100%)
- Blue (89%)



- Red (89%)
- Yellow (100%)
- Blue (96%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)





- Cyan (7%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.8989, 0.3170, 0.3572 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 94.8989, 0.3170, 0.3572 by changing the saturation by 10% instead.


 94.8989, 0.3170,
0.3572

 94.8989, 0.3170,
0.3572


543.8413, 0.3152,
0.3445

 72.0508, 0.3174,
0.3600


154.1249, 0.3164,
0.3529

 53.2002, 0.3178,
0.3634


191.2717, 0.3162,
0.3512

 37.9626, 0.3183,
0.3677


233.9534, 0.3160,
0.3497

 25.9537, 0.3189,
0.3732

282.5546, 0.3158,
0.3484

 16.7890, 0.3197,
0.3805

337.4596, 0.3156,
0.3473

 10.0842, 0.3206,
0.3906

399.0527, 0.3155,

 5.4548, 0.3217,

0.3463

0.4057

467.7185, 0.3153,
0.3454

■ 2.5165, 0.3228,
0.4303

■ 0.8849, 0.3495,
0.5427

■ 94.8989, 0.3170,
0.3572

■ 94.8989, 0.3170,
0.3572

■ 90.7746, 0.3207,
0.3857

■ 99.5214, 0.3131,
0.3314

■ 87.1272, 0.3240,
0.4164

■ 100.0000, 0.3127,
0.3290

■ 83.9399, 0.3266,
0.4487

■ 81.1930, 0.3281,
0.4813

■ 78.8654, 0.3283,
0.5125

■ 76.9342, 0.3269,
0.5405

■ 75.3737, 0.3239,
0.5631

■ 74.1544, 0.3195,
0.5792

■ 73.3116, 0.3148,
0.5882

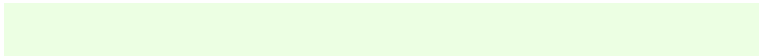
Harmonies

Analogous

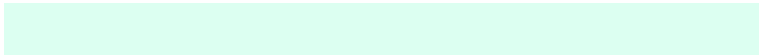
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8989, 0.3335, 0.3596



94.8989, 0.3170, 0.3572



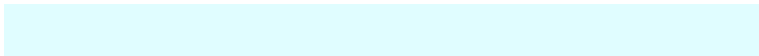
94.8989, 0.2997, 0.3466

Triad

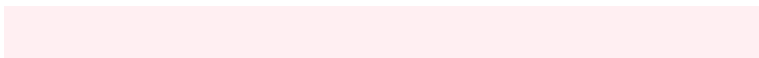
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.8989, 0.3170, 0.3572



94.8989, 0.2816, 0.3041



94.8989, 0.3399, 0.3262

Complementary

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



94.8989, 0.3170, 0.3572



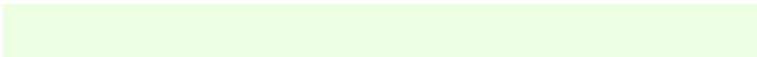
81.7568, 0.3079, 0.3014

Split Complementary

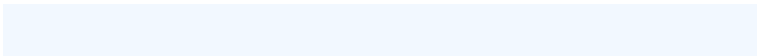
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.8989, 0.3254, 0.3123



94.8989, 0.3170, 0.3572



94.8989, 0.2918, 0.2996

Square

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



94.8989, 0.3170, 0.3572



94.8989, 0.2796, 0.3154



94.8989, 0.3077, 0.3027



94.8989, 0.3470, 0.3411

Rectangle

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



94.8989, 0.3170, 0.3572



94.8989, 0.2900, 0.3365



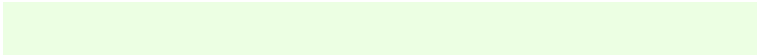
94.8989, 0.3077, 0.3027



94.8989, 0.3357, 0.3212

Sweetspot

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



94.9002, 0.3170, 0.3572



98.5457, 0.3139, 0.3364



92.5173, 0.3302, 0.3473



21.0113, 0.3142, 0.3384



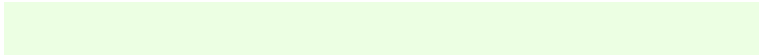
0.0000, 0.0000, 0.0000



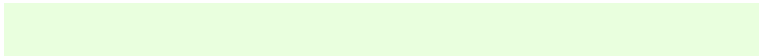
21.4041, 0.3127, 0.3290

Same Dimension

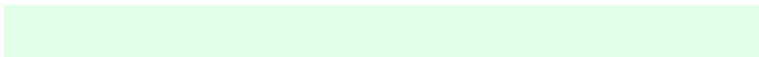
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9002, 0.3170, 0.3572



94.0261, 0.3178, 0.3628



93.6601, 0.3087, 0.3528



20.4514, 0.3164, 0.3532



38.3776, 0.3159, 0.5874



3.7925, 0.3243, 0.5807

Inverse Universe

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



81.7568, 0.3079, 0.3014



78.6780, 0.3069, 0.2961



83.1263, 0.3170, 0.3063



17.9906, 0.3086, 0.3052



8.5016, 0.2410, 0.1101



0.8866, 0.2502, 0.1152

Previews

White Background



This preview shows how the Yxy color 94.8989, 0.3170, 0.3572 looks on a white background.

Color Contrast Check

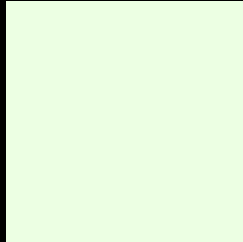
Large Text (above 18pt) WCAG AA × Fail

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 94.8989, 0.3170, 0.3572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

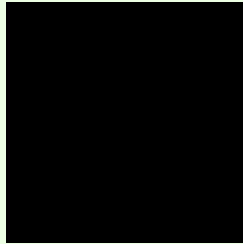
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

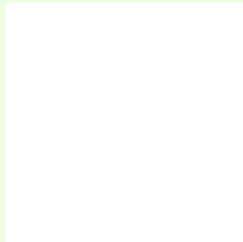
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.8989, 0.3170, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 94.8989, 0.3170, 0.3572.

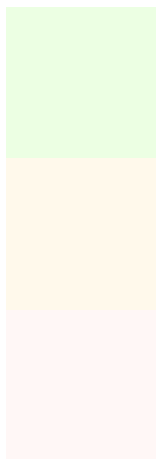


This preview shows how white text looks on a background with the Yxy color 94.8989, 0.3170, 0.3572.

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

94.8989, 0.3170, 0.3572

Protanopia

95.0095, 0.3250, 0.3426

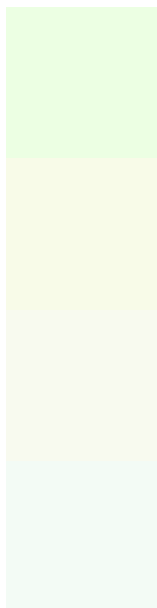
Deuteranopia

94.4353, 0.3185, 0.3300

Tritanopia

94.7455, 0.3080, 0.3232

Trichromacy



Original Color

94.8989, 0.3170, 0.3572

Protanomaly

94.7770, 0.3220, 0.3477

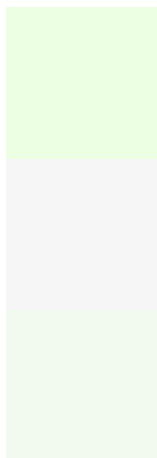
Deuteranomaly

94.5597, 0.3179, 0.3398

Tritanomaly

94.6416, 0.3112, 0.3349

Monochromacy



Original Color

94.8989, 0.3170, 0.3572

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.8606, 0.3142, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8989, 0.3170, 0.3572 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(236, 255, 227)` looks like.

```
.text, #text, p{  
    color:rgb(236, 255, 227)  
}
```

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(236, 255, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 255, 227) }
```

Border

The CSS property to change the border of an element to Yxy 94.8989, 0.3170, 0.3572 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(236, 255, 227) }
```

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

```
.border{ border-color:rgb(236, 255, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 255, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 255, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 255, 227);  
box-shadow:4px 4px 4px 4px rgb(236, 255,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8989, 0.3170, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 255, 227) }
```

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

```
.background{ background-color: rgb(236,  
255, 227) }
```

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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