

Converting Colors

$Y_{xy}(95.2272, 0.3217, 0.3616)$

Have a look what the booklet for
Yxy(95.2272, 0.3217, 0.3616)
contains.

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Color

Yxy(95.1984, 0.3212, 0.3611)

Conversions

Conversions Part 1

Format	Color
Hex	EFFDF
RGB	239, 255, 223
RGB Percent	94%, 100%, 87%
CMY	0.0628, 0.0000, 0.1253
CMYK	0.06, 0.00, 0.13, 0.00
HSL	90°, 100%, 94%
HSV	90°, 13%, 100%
XYZ	84.6794, 95.1984, 83.7567
YIQ	246.5680, 0.7360, -13.3440

Conversions

Conversions Part 2

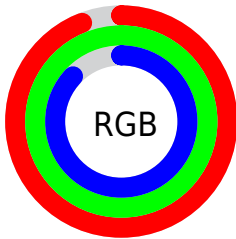
Format	Color
R _Y B	223, 255, 239
Decimal	15728607
CIE Lab	98.11, -10.75, 13.49
CIE LCh	98, 17.252, 128.542
Yxy	95.1984, 0.3212, 0.3611
Android (android.graphics.Color)	4293918687 (0xFFEFFFFDF)
YUV	246.5680, -11.6190, -6.6371
Hunter-Lab	97.5697, -15.8292, 17.4025

Details

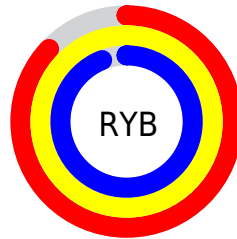
The Yxy color **95.1984, 0.3212, 0.3611** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **78.3809, 0.3033, 0.2969**, and the grayscale version is **92.7410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2826, 0.3228, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **91.7811, 0.3278, 0.3891**, and if you desaturate by 10%, it is **98.9836, 0.3144, 0.3352**.

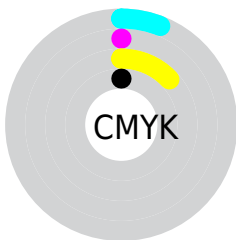
Distribution



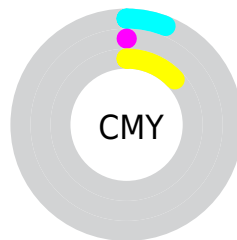
- Red (94%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (94%)



- Cyan (6%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.1984, 0.3212, 0.3611 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 95.1984, 0.3212, 0.3611 by changing the saturation by 10% instead.


 95.1984, 0.3212,
0.3611

 95.1984, 0.3212,
0.3611


544.7999, 0.3176,
0.3467

 72.3001, 0.3220,
0.3643

154.5387, 0.3200,
0.3562

 53.4039, 0.3229,
0.3682


191.7494, 0.3195,
0.3542

 38.1253, 0.3239,
0.3730


234.4998, 0.3191,
0.3526

 26.0799, 0.3253,
0.3793

283.1743, 0.3187,
0.3511

 16.8835, 0.3270,
0.3875

338.1571, 0.3184,
0.3498

 10.1514, 0.3292,
0.3990

399.8327, 0.3181,

 5.4995, 0.3320,

0.3487

0.4159

468.5855, 0.3178,
0.3476

■ 2.5432, 0.3356,
0.4434

■ 0.8982, 0.3880,
0.5894

■ 95.1984, 0.3212,
0.3611

■ 95.1984, 0.3212,
0.3611

■ 91.7811, 0.3278,
0.3891

■ 98.9836, 0.3144,
0.3352

■ 88.7139, 0.3340,
0.4186

100.0000, 0.3127,
0.3290

■ 85.9852, 0.3393,
0.4489

■ 83.5808, 0.3433,
0.4787

■ 81.4854, 0.3455,
0.5067

■ 79.6818, 0.3457,
0.5313

■ 78.1508, 0.3436,
0.5510

■ 76.8697, 0.3393,
0.5650

■ 76.0529, 0.3351,
0.5721

Harmonies

Analogous

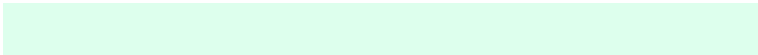
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1984, 0.3384, 0.3616



95.1984, 0.3212, 0.3611



95.1984, 0.3021, 0.3512

Triad

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



95.1984, 0.3212, 0.3611



95.1984, 0.2777, 0.3038



95.1984, 0.3397, 0.3226

Complementary

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



95.1984, 0.3212, 0.3611



78.3809, 0.3033, 0.2969

Split Complementary

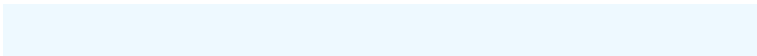
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1984, 0.3227, 0.3083



95.1984, 0.3212, 0.3611



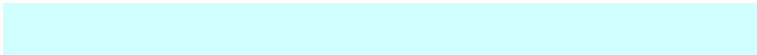
95.1984, 0.2871, 0.2974

Square

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



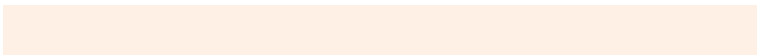
95.1984, 0.3212, 0.3611



95.1984, 0.2774, 0.3173



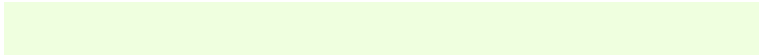
95.1984, 0.3034, 0.2992



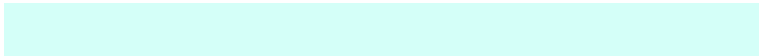
95.1984, 0.3494, 0.3389

Rectangle

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



95.1984, 0.3212, 0.3611



95.1984, 0.2909, 0.3407



95.1984, 0.3034, 0.2992



95.1984, 0.3346, 0.3174

Sweetspot

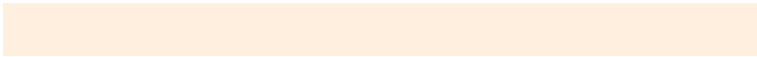
The Sweet Spot groups the original color and five complimentary colors.



95.2002, 0.3212, 0.3611



98.4042, 0.3154, 0.3389



88.3374, 0.3335, 0.3448



20.9997, 0.3159, 0.3408



0.0000, 0.0000, 0.0000



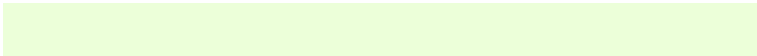
21.4041, 0.3127, 0.3290

Same Dimension

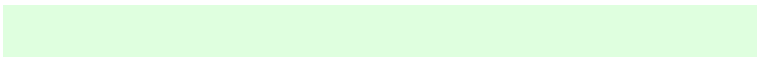
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2002, 0.3212, 0.3611



94.3224, 0.3229, 0.3678



92.5459, 0.3112, 0.3621



20.6134, 0.3192, 0.3530



39.8280, 0.3363, 0.5712



3.9428, 0.3449, 0.5644

Inverse Universe

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



78.3809, 0.3033, 0.2969



74.5343, 0.3012, 0.2902



81.2810, 0.3142, 0.2980



17.8247, 0.3058, 0.3050



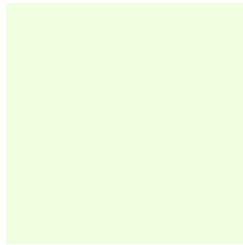
6.2484, 0.2023, 0.0888



0.6733, 0.2145, 0.0955

Previews

White Background



This preview shows how the Yxy color 95.1984, 0.3212, 0.3611 looks on a white background.

Color Contrast Check

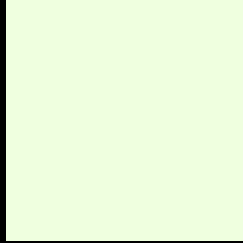
Large Text (above 18pt) WCAG AA × Fail

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 95.1984, 0.3212, 0.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

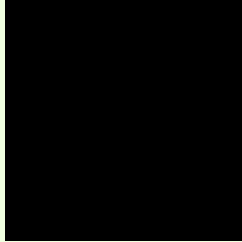
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

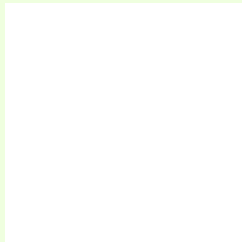
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.1984, 0.3212, 0.3611

Background



This preview shows how black text looks on a background with the Yxy color 95.1984, 0.3212, 0.3611.

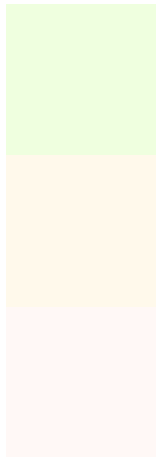


This preview shows how white text looks on a background with the Yxy color 95.1984, 0.3212, 0.3611.

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

95.1984, 0.3212, 0.3611

Protanopia

95.0095, 0.3250, 0.3426

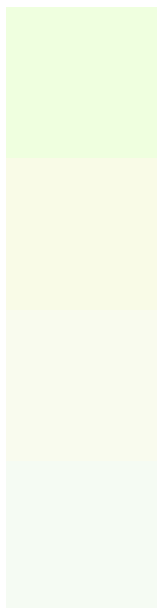
Deuteranopia

95.0486, 0.3184, 0.3309

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

95.1984, 0.3212, 0.3611

Protanomaly

94.9036, 0.3233, 0.3487

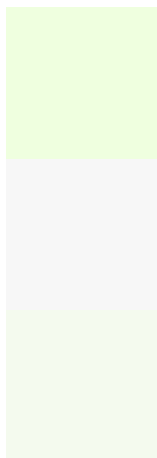
Deuteranomaly

95.3071, 0.3191, 0.3417

Tritanomaly

94.8779, 0.3136, 0.3369

Monochromacy



Original Color

95.1984, 0.3212, 0.3611

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

93.7774, 0.3160, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1984, 0.3212, 0.3611 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(239, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 223)  
}
```

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(239, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 223) }
```

Border

The CSS property to change the border of an element to Yxy 95.1984, 0.3212, 0.3611 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(239, 255, 223) }
```

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

```
.border{ border-color:rgb(239, 255, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1984, 0.3212, 0.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 223) }
```

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

```
.background{ background-color: rgb(239,  
255, 223) }
```

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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