

Converting Colors

$Yxy(94.0067, 0.3210, 0.3671)$

Have a look what the booklet for
Yxy(94.0067, 0.3210, 0.3671)
contains.

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Color

Yxy(94.0744, 0.3210, 0.3667)

Conversions

Conversions Part 1

Format	Color
Hex	EAFFDA
RGB	234, 255, 218
RGB Percent	92%, 100%, 85%
CMY	0.0822, 0.0000, 0.1453
CMYK	0.08, 0.00, 0.15, 0.00
HSL	94°, 100%, 93%
HSV	94°, 15%, 100%
XYZ	82.3504, 94.0744, 80.1184
YIQ	244.5030, -0.6390, -15.9590

Conversions

Conversions Part 2

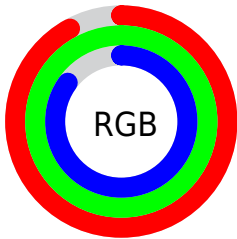
Format	Color
R _{YB}	218, 255, 239
Decimal	15400922
CIE _{Lab}	97.66, -13.26, 15.41
CIE _{LCh}	98, 20.328, 130.709
Y _{xy}	94.0744, 0.3210, 0.3667
Android (android.graphics.Color)	4293591002 (0xFFEAFDA)
YUV	244.5030, -13.0660, -9.2111
Hunter-Lab	96.9920, -18.1817, 18.9189

Details

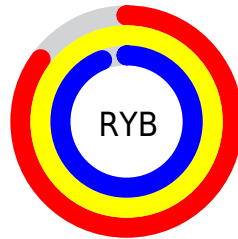
The Yxy color **94.0744, 0.3210, 0.3667** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **75.6795, 0.3033, 0.2917**, and the grayscale version is **91.0023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.4975, 0.3225, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **90.4998, 0.3265, 0.3954**, and if you desaturate by 10%, it is **98.0610, 0.3153, 0.3402**.

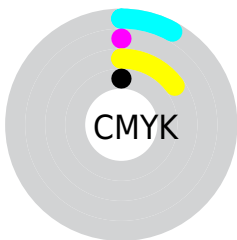
Distribution



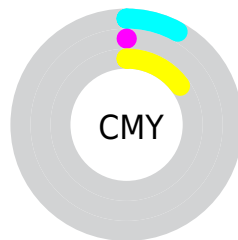
- Red (92%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.0744, 0.3210, 0.3667 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 94.0744, 0.3210, 0.3667 by changing the saturation by 10% instead.


 94.0744, 0.3210,
0.3667

 94.0744, 0.3210,
0.3667


541.1975, 0.3175,
0.3497

 71.3648, 0.3217,
0.3705


152.9852, 0.3199,
0.3609

 52.6400, 0.3226,
0.3751


189.9553, 0.3194,
0.3586

 37.5154, 0.3236,
0.3809


232.4476, 0.3190,
0.3566

 25.6068, 0.3248,
0.3884


280.8467, 0.3186,
0.3549

 16.5297, 0.3263,
0.3983

335.5368, 0.3183,
0.3533

 9.8998, 0.3281,
0.4121

396.9024, 0.3180,

 5.3326, 0.3303,

0.3520

0.4327

465.3278, 0.3178,
0.3508

■ 2.4437, 0.3325,
0.4663

■ 0.8482, 0.3626,
0.6374

■ 94.0744, 0.3210,
0.3667

■ 94.0744, 0.3210,
0.3667

■ 90.4998, 0.3265,
0.3954

■ 98.0610, 0.3153,
0.3402

■ 87.3117, 0.3314,
0.4258

100.0000, 0.3127,
0.3290

■ 84.4989, 0.3354,
0.4569

■ 82.0454, 0.3380,
0.4876

■ 79.9337, 0.3390,
0.5161

■ 78.1446, 0.3379,
0.5409

■ 76.6563, 0.3348,
0.5603

■ 75.4432, 0.3299,
0.5736

■ 74.8780, 0.3268,
0.5788

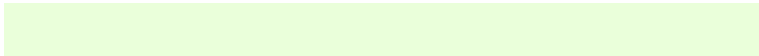
Harmonies

Analogous

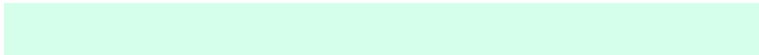
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0744, 0.3418, 0.3680



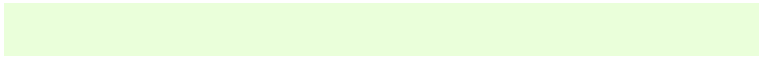
94.0744, 0.3210, 0.3667



94.0744, 0.2986, 0.3541

Triad

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



94.0744, 0.3210, 0.3667



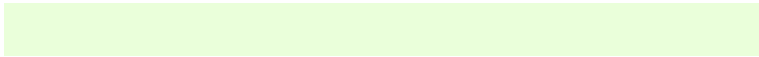
94.0744, 0.2720, 0.2983



94.0744, 0.3458, 0.3227

Complementary

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



94.0744, 0.3210, 0.3667



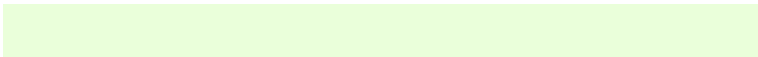
75.6795, 0.3033, 0.2917

Split Complementary

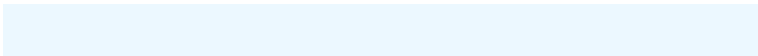
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.0744, 0.3260, 0.3057



94.0744, 0.3210, 0.3667



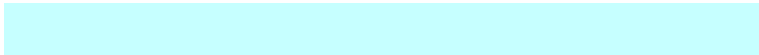
94.0744, 0.2836, 0.2916

Square

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



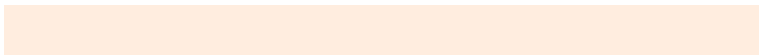
94.0744, 0.3210, 0.3667



94.0744, 0.2708, 0.3136



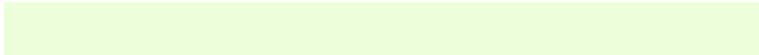
94.0744, 0.3032, 0.2945



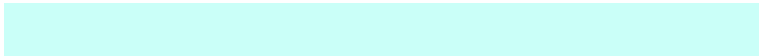
94.0744, 0.3565, 0.3418

Rectangle

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



94.0744, 0.3210, 0.3667



94.0744, 0.2857, 0.3413



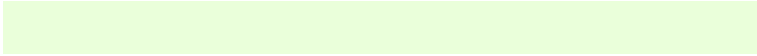
94.0744, 0.3032, 0.2945



94.0744, 0.3400, 0.3166

Sweetspot

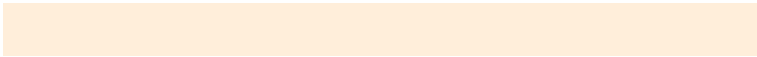
The Sweet Spot groups the original color and five complimentary colors.



94.0782, 0.3210, 0.3667



98.2818, 0.3150, 0.3389



87.6623, 0.3369, 0.3493



20.9688, 0.3154, 0.3408



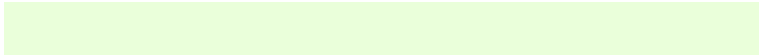
0.0000, 0.0000, 0.0000



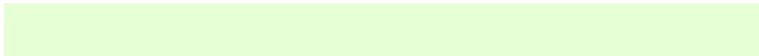
21.4041, 0.3127, 0.3290

Same Dimension

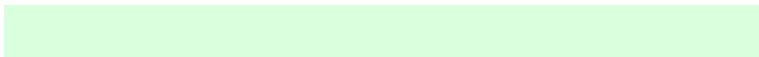
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0782, 0.3210, 0.3667



93.1556, 0.3224, 0.3736



91.5765, 0.3098, 0.3659



20.5536, 0.3182, 0.3531



39.2098, 0.3279, 0.5778



3.8809, 0.3367, 0.5708

Inverse Universe

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



75.6795, 0.3033, 0.2917



71.9969, 0.3014, 0.2850



78.4832, 0.3156, 0.2947



17.8850, 0.3068, 0.3051



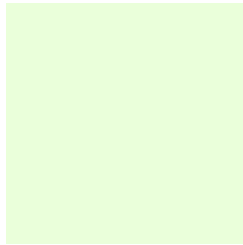
6.9764, 0.2156, 0.0961



0.7439, 0.2270, 0.1024

Previews

White Background



This preview shows how the Yxy color 94.0744, 0.3210, 0.3667 looks on a white background.

Color Contrast Check

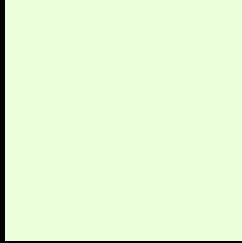
Large Text (above 18pt) WCAG AA × Fail

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 94.0744, 0.3210, 0.3667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

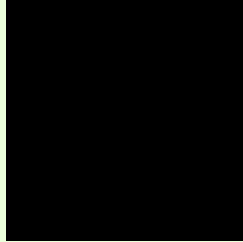
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

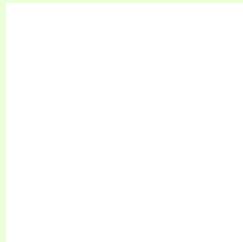
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.0744, 0.3210, 0.3667

Background



This preview shows how black text looks on a background with the Yxy color 94.0744, 0.3210, 0.3667.

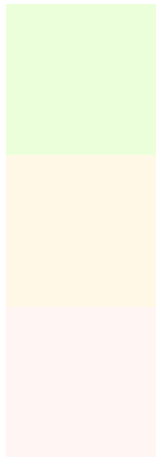


This preview shows how white text looks on a background with the Yxy color 94.0744, 0.3210, 0.3667.

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

94.0744, 0.3210, 0.3667

Protanopia

94.1080, 0.3281, 0.3466

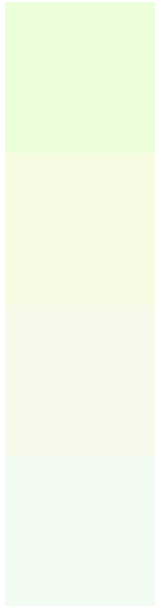
Deuteranopia

93.6426, 0.3203, 0.3319

Tritanopia

93.9476, 0.3074, 0.3222

Trichromacy



Original Color

94.0744, 0.3210, 0.3667

Protanomaly

94.2595, 0.3250, 0.3538

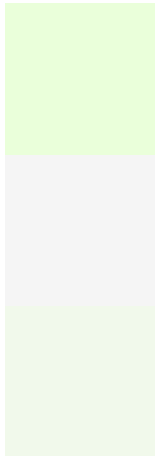
Deuteranomaly

93.4660, 0.3203, 0.3438

Tritanomaly

94.2824, 0.3123, 0.3379

Monochromacy



Original Color

94.0744, 0.3210, 0.3667

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.4503, 0.3159, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0744, 0.3210, 0.3667 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(234, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 218) }
```

Border

The CSS property to change the border of an element to Yxy 94.0744, 0.3210, 0.3667 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(234, 255, 218) }
```

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

```
.border{ border-color:rgb(234, 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(234, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0744, 0.3210, 0.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 218) }
```

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

```
.background{ background-color: rgb(234,  
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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