

Converting Colors

$Yxy(94.9377, 0.3270, 0.3699)$

Have a look what the booklet for
Yxy(94.9377, 0.3270, 0.3699)
contains.

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Color

Yxy(94.9003, 0.3272, 0.3703)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFD6
RGB	240, 255, 214
RGB Percent	94%, 100%, 84%
CMY	0.0585, 0.0001, 0.1607
CMYK	0.06, 0.00, 0.16, 0.00
HSL	82°, 100%, 92%
HSV	82°, 16%, 100%
XYZ	83.8547, 94.9003, 77.5245
YIQ	245.8410, 4.2210, -15.9310

Conversions

Conversions Part 2

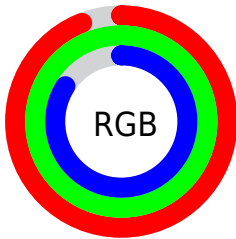
Format	Color
R _Y B	214, 255, 229
Decimal	15794134
CIE Lab	97.99, -11.80, 17.95
CIE LCh	98, 21.484, 123.325
Yxy	94.9003, 0.3272, 0.3703
Android (android.graphics.Color)	4293984214 (0xFFFF0FFD6)
YUV	245.8410, -15.6976, -5.1226
Hunter-Lab	97.4168, -16.8297, 21.0086

Details

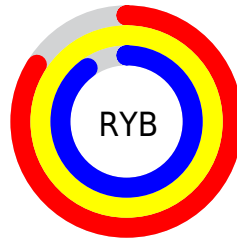
The Yxy color **94.9003, 0.3272, 0.3703** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.9632, 0.2965, 0.2868**, and the grayscale version is **92.1634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.0817, 0.3303, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **92.1193, 0.3361, 0.3980**, and if you desaturate by 10%, it is **97.9765, 0.3182, 0.3440**.

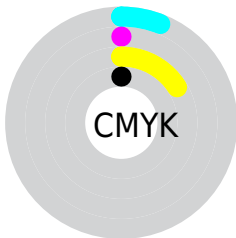
Distribution



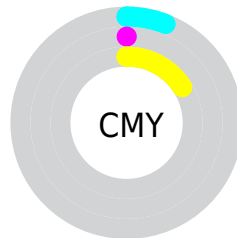
- Red (94%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (90%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9003, 0.3272, 0.3703 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 94.9003, 0.3272, 0.3703 by changing the saturation by 10% instead.

 94.9003, 0.3272,
0.3703

 94.9003, 0.3272,
0.3703

543.8458, 0.3210,
0.3517

 72.0520, 0.3285,
0.3744

154.1269, 0.3251,
0.3640

 53.2012, 0.3300,
0.3794


191.2739, 0.3243,
0.3615

 37.9634, 0.3319,
0.3857


233.9560, 0.3236,
0.3593

 25.9543, 0.3342,
0.3938

282.5575, 0.3230,
0.3574

 16.7894, 0.3371,
0.4044

337.4628, 0.3224,
0.3557

 10.0845, 0.3408,
0.4192

399.0564, 0.3219,

 5.4550, 0.3456,

0.3542

0.4409

467.7226, 0.3214,
0.3529

■ 2.5166, 0.3515,
0.4757

■ 0.8849, 0.3846,
0.6154

■ 94.9003, 0.3272,
0.3703

■ 94.9003, 0.3272,
0.3703

■ 92.1193, 0.3361,
0.3980

■ 97.9765, 0.3182,
0.3440

■ 89.6103, 0.3444,
0.4265

99.9889, 0.3127,
0.3290

■ 87.3661, 0.3516,
0.4549

■ 85.3742, 0.3573,
0.4819

■ 83.6210, 0.3610,
0.5063

■ 82.0911, 0.3623,
0.5267

■ 80.7669, 0.3611,
0.5423

■ 79.6265, 0.3575,
0.5526

■ 79.2162, 0.3557,
0.5558

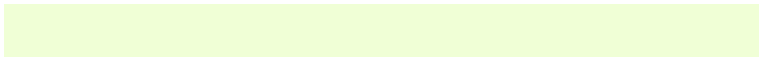
Harmonies

Analogous

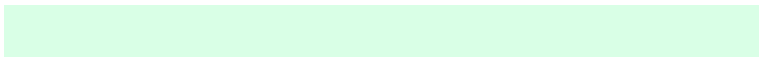
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9003, 0.3477, 0.3686



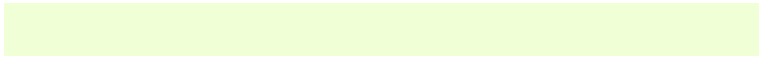
94.9003, 0.3272, 0.3703



94.9003, 0.3034, 0.3598

Triad

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



94.9003, 0.3272, 0.3703



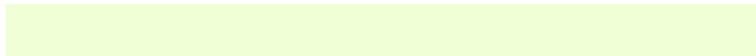
94.9003, 0.2685, 0.2998



94.9003, 0.3431, 0.3176

Complementary

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



94.9003, 0.3272, 0.3703



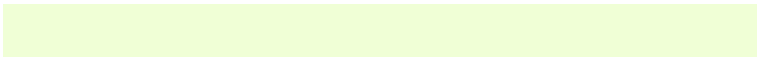
71.9632, 0.2965, 0.2868

Split Complementary

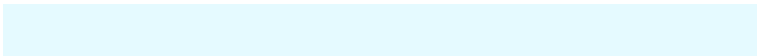
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.9003, 0.3208, 0.3009



94.9003, 0.3272, 0.3703



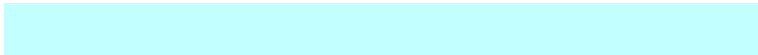
94.9003, 0.2781, 0.2904

Square

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



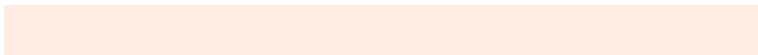
94.9003, 0.3272, 0.3703



94.9003, 0.2701, 0.3178



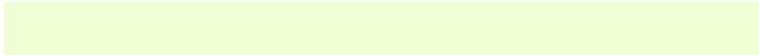
94.9003, 0.2970, 0.2910



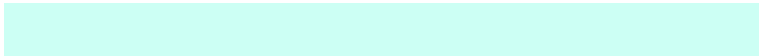
94.9003, 0.3573, 0.3375

Rectangle

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



94.9003, 0.3272, 0.3703



94.9003, 0.2889, 0.3472



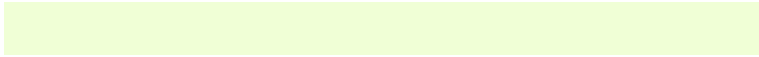
94.9003, 0.2970, 0.2910



94.9003, 0.3363, 0.3115

Sweetspot

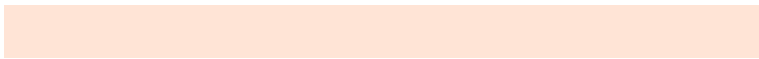
The Sweet Spot groups the original color and five complimentary colors.



94.9044, 0.3272, 0.3703



98.3369, 0.3172, 0.3414



81.7938, 0.3410, 0.3435



20.9994, 0.3178, 0.3431



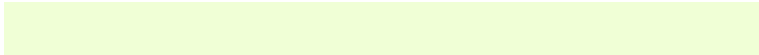
0.0000, 0.0000, 0.0000



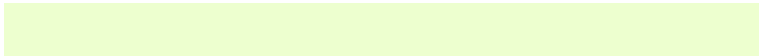
21.4041, 0.3127, 0.3290

Same Dimension

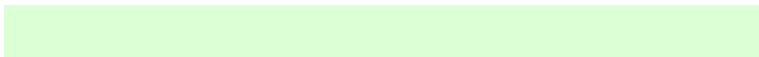
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9044, 0.3272, 0.3703



94.0729, 0.3298, 0.3783



91.6052, 0.3145, 0.3719



20.7411, 0.3213, 0.3529



41.4860, 0.3567, 0.5550



4.1012, 0.3638, 0.5493

Inverse Universe

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



71.9632, 0.2965, 0.2868



67.5025, 0.2930, 0.2784



75.4292, 0.3103, 0.2885



17.6993, 0.3036, 0.3048



5.0582, 0.1786, 0.0758



0.5517, 0.1910, 0.0826

Previews

White Background



This preview shows how the Yxy color 94.9003, 0.3272, 0.3703 looks on a white background.

Color Contrast Check

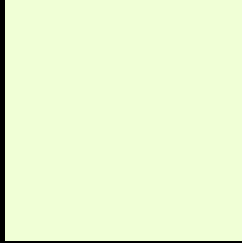
Large Text (above 18pt) WCAG AA × Fail

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 94.9003, 0.3272, 0.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

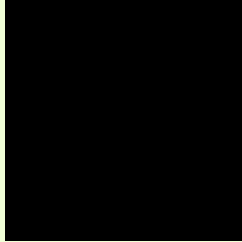
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

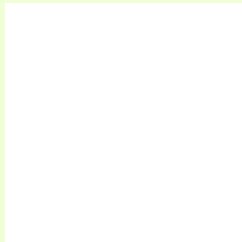
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.9003, 0.3272, 0.3703

Background



This preview shows how black text looks on a background with the Yxy color 94.9003, 0.3272, 0.3703.

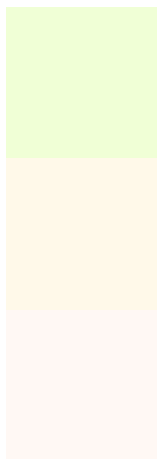


This preview shows how white text looks on a background with the Yxy color 94.9003, 0.3272, 0.3703.

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

94.9003, 0.3272, 0.3703

Protanopia

94.8946, 0.3262, 0.3446

Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

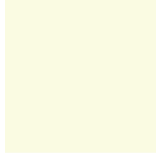
95.1111, 0.3092, 0.3232

Trichromacy



Original Color

94.9003, 0.3272, 0.3703



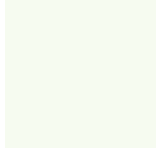
Protanomaly

94.8093, 0.3269, 0.3536



Deuteranomaly

95.2015, 0.3227, 0.3467



Tritanomaly

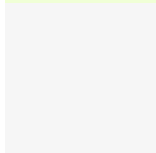
94.8785, 0.3160, 0.3398

Monochromacy



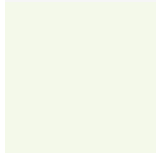
Original Color

94.9003, 0.3272, 0.3703



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.9250, 0.3184, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9003, 0.3272, 0.3703 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(240, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 214)  
}
```

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(240, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 214) }
```

Border

The CSS property to change the border of an element to Yxy 94.9003, 0.3272, 0.3703 is called "border". The border property can be set on classes, ids or directly on the HTML element.

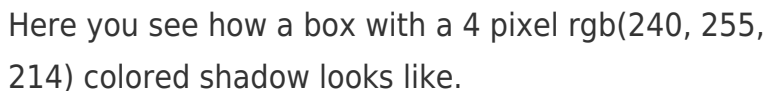
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 255, 214) }
```

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

```
.border{ border-color:rgb(240, 255, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(240, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9003, 0.3272, 0.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 214) }
```

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

```
.background{ background-color: rgb(240,  
255, 214) }
```

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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