

Converting Colors

$Yxy(94.2277, 0.3270, 0.3737)$

Have a look what the booklet for
Yxy(94.2277, 0.3270, 0.3737)
contains.

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Color

Yxy(94.2277, 0.3270, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	EDFFD3
RGB	237, 255, 211
RGB Percent	93%, 100%, 83%
CMY	0.0704, 0.0000, 0.1726
CMYK	0.07, 0.00, 0.17, 0.00
HSL	84°, 100%, 91%
HSV	84°, 17%, 100%
XYZ	82.4524, 94.2277, 75.4679
YIQ	244.6020, 3.3960, -17.5000

Conversions

Conversions Part 2

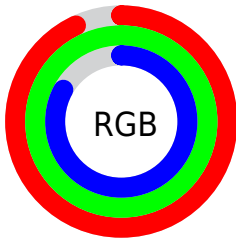
Format	Color
R _Y B	211, 255, 229
Decimal	15597523
CIE Lab	97.72, -13.33, 19.08
CIE LCh	98, 23.273, 124.936
Yxy	94.2277, 0.3270, 0.3737
Android (android.graphics.Color)	4293787603 (0xFFE ⁶ FFD3)
YUV	244.6020, -16.5658, -6.6670
Hunter-Lab	97.0710, -18.2557, 21.8546

Details

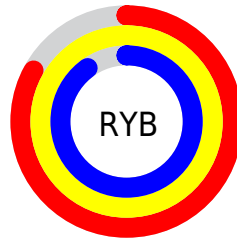
The Yxy color **94.2277, 0.3270, 0.3737** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.4581, 0.2964, 0.2836**, and the grayscale version is **91.1149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.6122, 0.3301, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **91.3126, 0.3350, 0.4018**, and if you desaturate by 10%, it is **97.4579, 0.3187, 0.3471**.

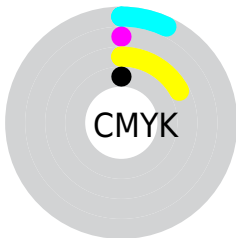
Distribution



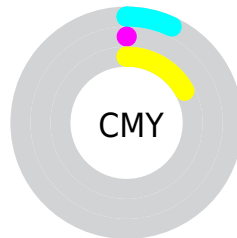
- Red (93%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (90%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.2277, 0.3270, 0.3737 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 94.2277, 0.3270, 0.3737 by changing the saturation by 10% instead.

 94.2277, 0.3270,
0.3737

 94.2277, 0.3270,
0.3737


541.6896, 0.3209,
0.3535

 71.4924, 0.3283,
0.3782

153.1972, 0.3250,
0.3668

 52.7441, 0.3298,
0.3837


190.2002, 0.3242,
0.3641

 37.5985, 0.3316,
0.3905


232.7278, 0.3235,
0.3617

 25.6712, 0.3338,
0.3993

281.1645, 0.3229,
0.3597

 16.5779, 0.3365,
0.4110

335.8946, 0.3223,
0.3579

 9.9340, 0.3399,
0.4272

397.3025, 0.3218,

 5.3552, 0.3441,

0.3563

0.4512

465.7727, 0.3213,
0.3548

■ 2.4571, 0.3493,
0.4905

■ 0.8551, 0.3630,
0.6370

■ 94.2277, 0.3270,
0.3737

■ 94.2277, 0.3270,
0.3737

■ 91.3126, 0.3350,
0.4018

■ 97.4579, 0.3187,
0.3471

■ 88.6889, 0.3425,
0.4309

99.9972, 0.3127,
0.3290

■ 86.3487, 0.3488,
0.4598

■ 84.2788, 0.3535,
0.4874

■ 82.4649, 0.3562,
0.5122

■ 80.8907, 0.3565,
0.5330

■ 79.5376, 0.3544,
0.5487

■ 78.3819, 0.3501,
0.5590

■ 78.0900, 0.3487,
0.5613

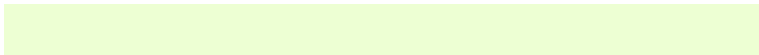
Harmonies

Analogous

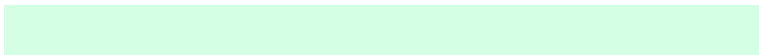
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2277, 0.3496, 0.3724



94.2277, 0.3270, 0.3737



94.2277, 0.3012, 0.3616

Triad

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



94.2277, 0.3270, 0.3737



94.2277, 0.2651, 0.2964



94.2277, 0.3469, 0.3177

Complementary

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



94.2277, 0.3270, 0.3737



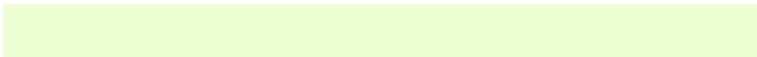
70.4581, 0.2964, 0.2836

Split Complementary

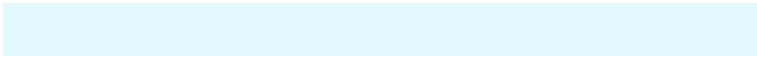
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.2277, 0.3229, 0.2994



94.2277, 0.3270, 0.3737



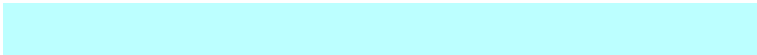
94.2277, 0.2761, 0.2870

Square

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



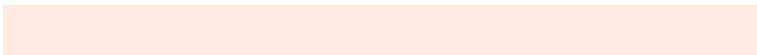
94.2277, 0.3270, 0.3737



94.2277, 0.2662, 0.3155



94.2277, 0.2970, 0.2883



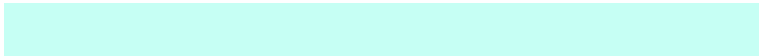
94.2277, 0.3616, 0.3393

Rectangle

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



94.2277, 0.3270, 0.3737



94.2277, 0.2857, 0.3476



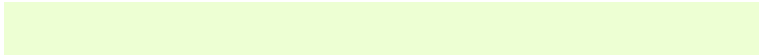
94.2277, 0.2970, 0.2883



94.2277, 0.3396, 0.3110

Sweetspot

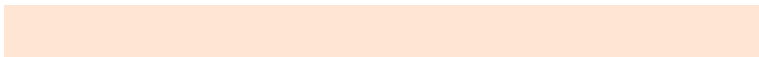
The Sweet Spot groups the original color and five complimentary colors.



94.2318, 0.3270, 0.3737



98.2323, 0.3168, 0.3414



81.7784, 0.3431, 0.3468



20.9740, 0.3174, 0.3431



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

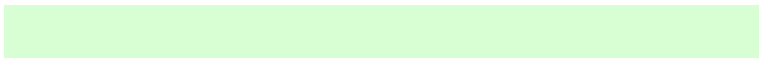
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.2318, 0.3270, 0.3737



93.1065, 0.3301, 0.3841



90.7278, 0.3132, 0.3756



20.6995, 0.3206, 0.3529



40.8948, 0.3498, 0.5605



4.0457, 0.3575, 0.5544

Inverse Universe

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



70.4581, 0.2964, 0.2836



64.9397, 0.2923, 0.2729



74.2419, 0.3116, 0.2857



17.7396, 0.3043, 0.3049



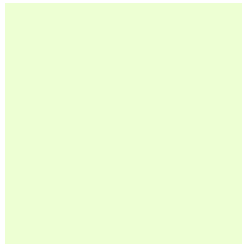
5.3944, 0.1855, 0.0796



0.5872, 0.1981, 0.0865

Previews

White Background



This preview shows how the Yxy color 94.2277, 0.3270, 0.3737 looks on a white background.

Color Contrast Check

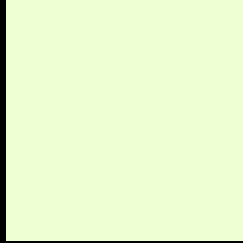
Large Text (above 18pt) WCAG AA × Fail

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 94.2277, 0.3270, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

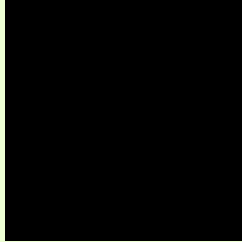
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

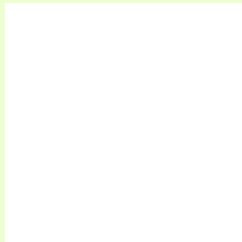
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.2277, 0.3270, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 94.2277, 0.3270, 0.3737.

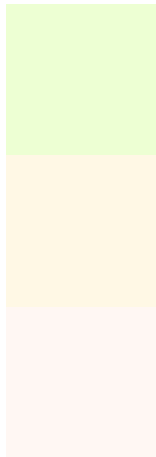


This preview shows how white text looks on a background with the Yxy color 94.2277, 0.3270, 0.3737.

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

94.2277, 0.3270, 0.3737

Protanopia

94.0519, 0.3287, 0.3476

Deuteranopia

94.2526, 0.3203, 0.3329

Tritanopia

94.1290, 0.3080, 0.3222

Trichromacy



Original Color

94.2277, 0.3270, 0.3737

Protanomaly

94.2247, 0.3280, 0.3578

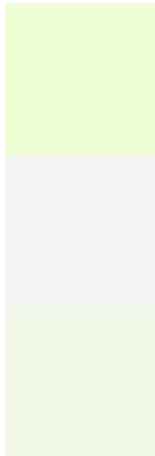
Deuteranomaly

94.0972, 0.3227, 0.3478

Tritanomaly

94.2810, 0.3147, 0.3409

Monochromacy



Original Color

94.2277, 0.3270, 0.3737

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.5118, 0.3177, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2277, 0.3270, 0.3737 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(237, 255, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 255, 211) }
```

Border

The CSS property to change the border of an element to Yxy 94.2277, 0.3270, 0.3737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

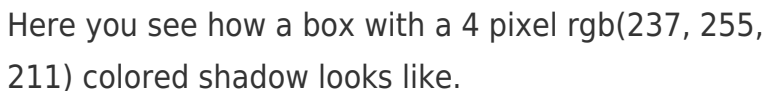
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(237, 255, 211) }
```

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

```
.border{ border-color:rgb(237, 255, 211) }
```

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, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(237, 255,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2277, 0.3270, 0.3737 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, 211) }
```

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

```
.background{ background-color: rgb(237,  
255, 211) }
```

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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