

Converting Colors

$Y_{xy}(94.7120, 0.3282, 0.3723)$

Have a look what the booklet for
Yxy(94.7120, 0.3282, 0.3723)
contains.

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Color

Yxy(94.7987, 0.3283, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFD4
RGB	240, 255, 212
RGB Percent	94%, 100%, 83%
CMY	0.0589, 0.0000, 0.1686
CMYK	0.06, 0.00, 0.17, 0.00
HSL	81°, 100%, 92%
HSV	81°, 17%, 100%
XYZ	83.5725, 94.7987, 76.1903
YIQ	245.6130, 4.8630, -16.5530

Conversions

Conversions Part 2

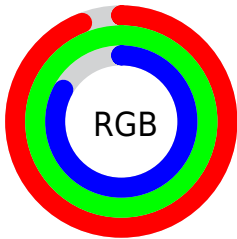
Format	Color
R_{YB}	212, 255, 227
Decimal	15794132
CIE _{Lab}	97.95, -12.17, 18.91
CIE _{LCh}	98, 22.487, 122.753
Yxy	94.7987, 0.3283, 0.3724
Android (android.graphics.Color)	4293984212 (0xFFFF0FFD4)
YUV	245.6130, -16.5712, -4.9226
Hunter-Lab	97.3646, -17.1733, 21.7593

Details

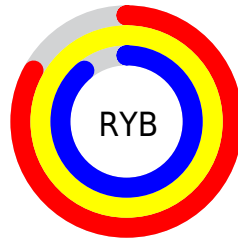
The Yxy color **94.7987, 0.3283, 0.3724** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.6538, 0.2951, 0.2845**, and the grayscale version is **91.9566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.0128, 0.3318, 0.3820** is the 20% darker color. If you saturate the color by 10%, you get **92.0850, 0.3374, 0.4001**, and if you desaturate by 10%, it is **97.7836, 0.3190, 0.3460**.

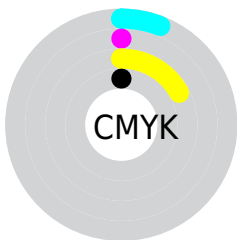
Distribution



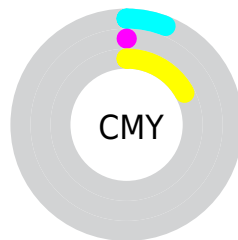
- Red (94%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.7987, 0.3283, 0.3724 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 94.7987, 0.3283, 0.3724 by changing the saturation by 10% instead.


 94.7987, 0.3283,
0.3724

 94.7987, 0.3283,
0.3724

543.5203, 0.3217,
0.3529

 71.9674, 0.3297,
0.3767


153.9865, 0.3261,
0.3657

 53.1321, 0.3314,
0.3820

191.1118, 0.3252,
0.3631

 37.9082, 0.3334,
0.3886


233.7706, 0.3244,
0.3608

 25.9115, 0.3358,
0.3971

282.3472, 0.3237,
0.3588

 16.7574, 0.3389,
0.4083

337.2261, 0.3231,
0.3571

 10.0617, 0.3428,
0.4238

398.7917, 0.3226,

 5.4399, 0.3479,

0.3555

0.4466

467.4283, 0.3221,
0.3541

■ 2.5076, 0.3542,
0.4835

■ 0.8804, 0.3801,
0.6199

■ 94.7987, 0.3283,
0.3724

■ 94.7987, 0.3283,
0.3724

■ 92.0850, 0.3374,
0.4001

■ 97.7836, 0.3190,
0.3460

■ 89.6451, 0.3459,
0.4285

100.0000, 0.3127,
0.3290

■ 87.4630, 0.3533,
0.4566

■ 85.5265, 0.3591,
0.4832

■ 83.8220, 0.3629,
0.5070

■ 82.3341, 0.3642,
0.5268

■ 81.0451, 0.3630,
0.5417

■ 79.9326, 0.3594,
0.5515

■ 79.6092, 0.3580,
0.5539

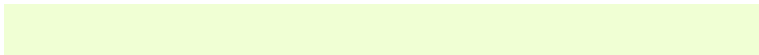
Harmonies

Analogous

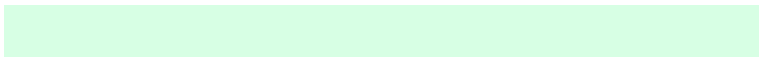
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7987, 0.3496, 0.3703



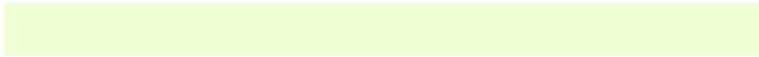
94.7987, 0.3283, 0.3724



94.7987, 0.3034, 0.3616

Triad

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



94.7987, 0.3283, 0.3724



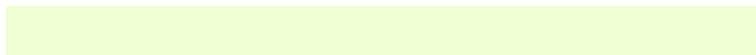
94.7987, 0.2664, 0.2987



94.7987, 0.3442, 0.3167

Complementary

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



94.7987, 0.3283, 0.3724



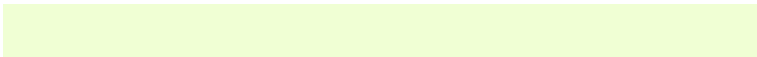
70.6538, 0.2951, 0.2845

Split Complementary

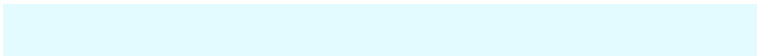
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.7987, 0.3207, 0.2994



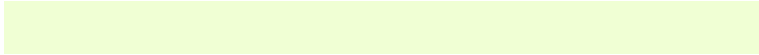
94.7987, 0.3283, 0.3724



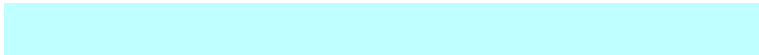
94.7987, 0.2763, 0.2887

Square

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



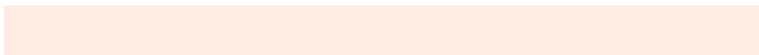
94.7987, 0.3283, 0.3724



94.7987, 0.2683, 0.3176



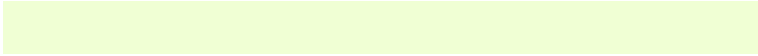
94.7987, 0.2959, 0.2892



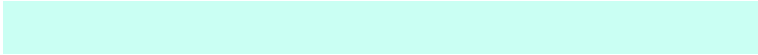
94.7987, 0.3592, 0.3375

Rectangle

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



94.7987, 0.3283, 0.3724



94.7987, 0.2882, 0.3485



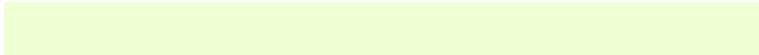
94.7987, 0.2959, 0.2892



94.7987, 0.3370, 0.3103

Sweetspot

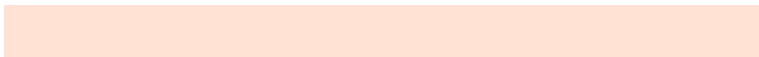
The Sweet Spot groups the original color and five complimentary colors.



94.7944, 0.3283, 0.3724



98.3701, 0.3173, 0.3413



80.5946, 0.3427, 0.3435



21.0075, 0.3180, 0.3431



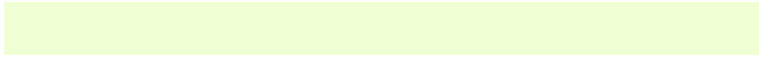
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

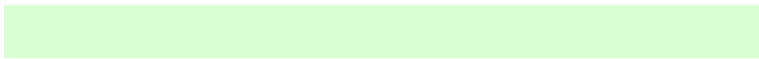
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.7944, 0.3283, 0.3724



93.9129, 0.3312, 0.3810



91.3624, 0.3150, 0.3742



20.7543, 0.3215, 0.3529



41.6839, 0.3590, 0.5532



4.1196, 0.3659, 0.5477

Inverse Universe

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



70.6538, 0.2951, 0.2845



65.9090, 0.2914, 0.2754



74.2418, 0.3096, 0.2864



17.6866, 0.3034, 0.3048



4.9614, 0.1766, 0.0746



0.5412, 0.1889, 0.0814

Previews

White Background



This preview shows how the Yxy color 94.7987, 0.3283, 0.3724 looks on a white background.

Color Contrast Check

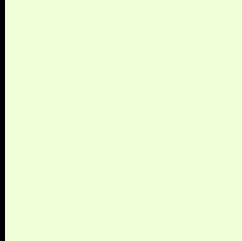
Large Text (above 18pt) WCAG AA × Fail

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 94.7987, 0.3283, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

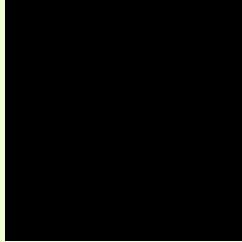
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

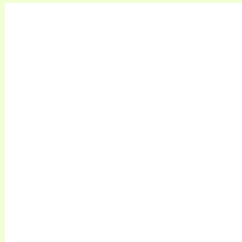
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.7987, 0.3283, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 94.7987, 0.3283, 0.3724.

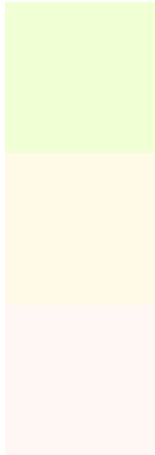


This preview shows how white text looks on a background with the Yxy color 94.7987, 0.3283, 0.3724.

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

94.7987, 0.3283, 0.3724

Protanopia

94.8376, 0.3268, 0.3456

Deuteranopia

94.3132, 0.3197, 0.3319

Tritanopia

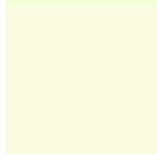
94.4945, 0.3092, 0.3222

Trichromacy



Original Color

94.7987, 0.3283, 0.3724



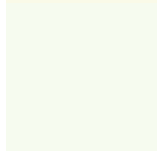
Protanomaly

94.7546, 0.3275, 0.3546



Deuteranomaly

94.5214, 0.3234, 0.3467



Tritanomaly

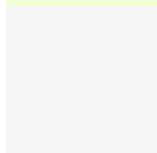
94.8192, 0.3166, 0.3408

Monochromacy



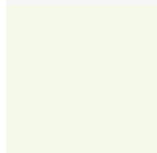
Original Color

94.7987, 0.3283, 0.3724



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 94.7987, 0.3283, 0.3724 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 212) }
```

Border

The CSS property to change the border of an element to Yxy 94.7987, 0.3283, 0.3724 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, 212) }
```

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

```
.border{ border-color:rgb(240, 255, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7987, 0.3283, 0.3724 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, 212) }
```

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

```
.background{ background-color: rgb(240,  
255, 212) }
```

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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