

Converting Colors

Yxy(94.9163, 0.3083, 0.3309)

Have a look what the booklet for
Yxy(94.9163, 0.3083, 0.3309)
contains.

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Color

Yxy(94.7112, 0.3082, 0.3310)

Conversions

Conversions Part 1

Format	Color
Hex	F2FBF9
RGB	242, 251, 249
RGB Percent	95%, 98%, 98%
CMY	0.0513, 0.0155, 0.0236
CMYK	0.04, 0.00, 0.01, 0.02
HSL	166°, 54%, 97%
HSV	166°, 4%, 98%
XYZ	88.1873, 94.7112, 103.2381
YIQ	248.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

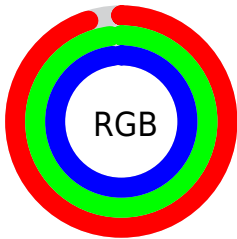
Format	Color
R _Y B	242, 247, 251
Decimal	15924217
CIE Lab	97.92, -3.36, -0.07
CIE LCh	98, 3.356, 181.232
Yxy	94.7112, 0.3082, 0.3310
Android (android.graphics.Color)	4294114297 (0xFF2FBF9)
YUV	248.0810, 0.4531, -5.3330
Hunter-Lab	97.3197, -8.5597, 5.2281

Details

The Yxy color 94.7112, 0.3082, 0.3310 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.4941, 0.3174, 0.3270, and the grayscale version is 93.9292, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.3196, 0.3071, 0.3315 is the 20% darker color. If you saturate the color by 10%, you get 90.2287, 0.2961, 0.3369, and if you desaturate by 10%, it is 97.4723, 0.3131, 0.3256.

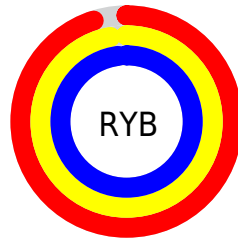
Distribution



Red (95%)

Green (98%)

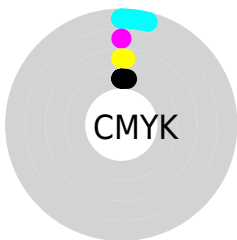
Blue (98%)



Red (95%)

Yellow (97%)

Blue (98%)

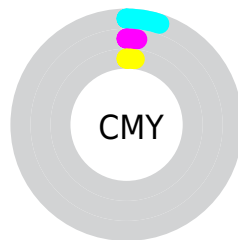


Cyan (4%)

Magenta (0%)

Yellow (1%)

Black (2%)



Cyan (5%)


Magenta (2%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.7112, 0.3082, 0.3310 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 94.7112, 0.3082, 0.3310 by changing the saturation by 10% instead.


 94.7112, 0.3082,
0.3310

 94.7112, 0.3082,
0.3310

543.2400, 0.3102,
0.3301

 71.8946, 0.3078,
0.3312

153.8656, 0.3089,
0.3307

 53.0726, 0.3072,
0.3314


190.9721, 0.3091,
0.3306

 37.8607, 0.3066,
0.3317


233.6108, 0.3094,
0.3305

 25.8746, 0.3058,
0.3321

282.1660, 0.3096,
0.3304

 16.7299, 0.3047,
0.3325

337.0222, 0.3098,
0.3303

 10.0421, 0.3032,
0.3332

398.5636, 0.3099,

 5.4269, 0.3010,

0.3302

467.1748, 0.3101,
0.3302

0.3341

■ 2.4998, 0.2976,
0.3356

■ 0.8766, 0.2904,
0.3388

■ 94.7112, 0.3082,
0.3310

■ 94.7112, 0.3082,
0.3310

■ 90.2287, 0.2961,
0.3369

■ 97.4723, 0.3131,
0.3256

■ 86.3377, 0.2846,
0.3434

■ 97.4961, 0.3129,
0.3252

■ 83.0155, 0.2741,
0.3504

■ 80.2339, 0.2648,
0.3579

■ 77.9618, 0.2570,
0.3658

■ 76.1651, 0.2511,
0.3740

■ 74.8053, 0.2470,
0.3824

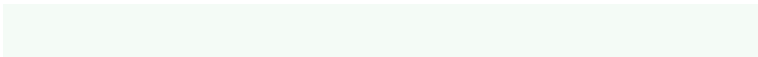
■ 73.8380, 0.2450,
0.3908

■ 73.2090, 0.2450,
0.3992

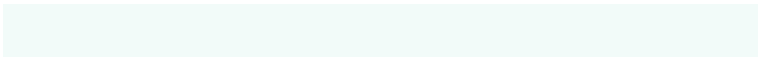
Harmonies

Analogous

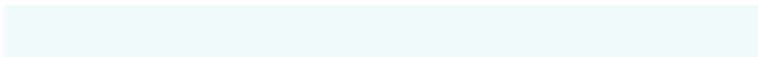
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7112, 0.3116, 0.3338



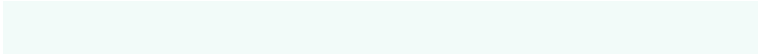
94.7112, 0.3082, 0.3310



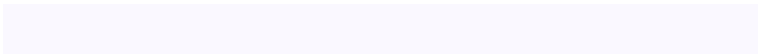
94.7112, 0.3060, 0.3277

Triad

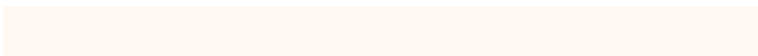
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.7112, 0.3082, 0.3310



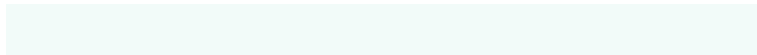
94.7112, 0.3101, 0.3228



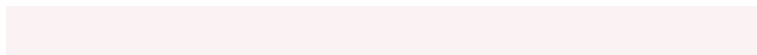
94.7112, 0.3199, 0.3333

Complementary

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



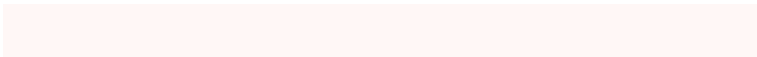
94.7112, 0.3082, 0.3310



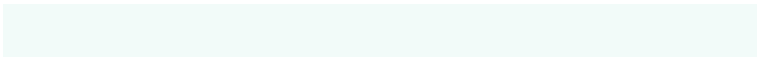
90.4941, 0.3174, 0.3270

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.



94.7112, 0.3195, 0.3303



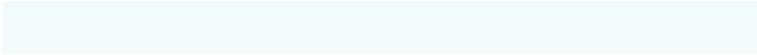
94.7112, 0.3082, 0.3310



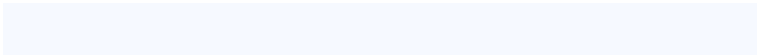
94.7112, 0.3138, 0.3243

Square

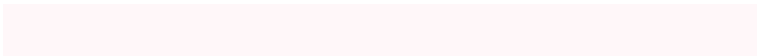
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.7112, 0.3082, 0.3310



94.7112, 0.3071, 0.3229



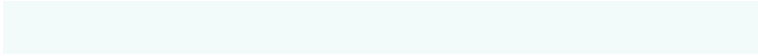
94.7112, 0.3173, 0.3270



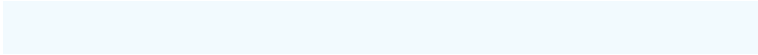
94.7112, 0.3184, 0.3351

Rectangle

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



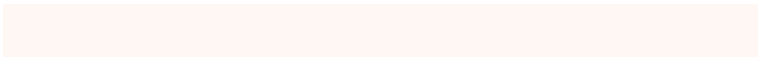
94.7112, 0.3082, 0.3310



94.7112, 0.3055, 0.3256



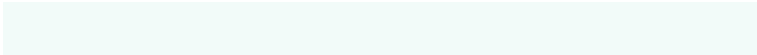
94.7112, 0.3173, 0.3270



94.7112, 0.3200, 0.3324

Sweetspot

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



94.7152, 0.3082, 0.3310



99.4827, 0.3115, 0.3295



94.6610, 0.3136, 0.3380



21.2988, 0.3115, 0.3295



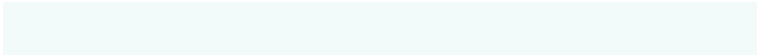
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



94.7152, 0.3082, 0.3310



97.9695, 0.3077, 0.3312



93.3329, 0.3071, 0.3266



19.9992, 0.3068, 0.3316



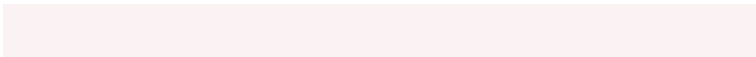
38.3486, 0.2453, 0.4031



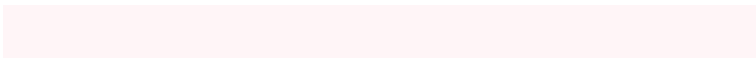
3.5676, 0.2425, 0.3931

Inverse Universe

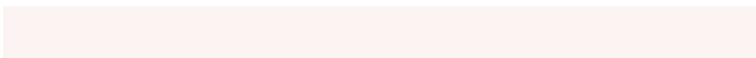
The Inverse Universe completely reimagines the original color for something new.



90.4941, 0.3174, 0.3270



93.1652, 0.3179, 0.3268



91.8279, 0.3185, 0.3314



18.8379, 0.3189, 0.3264



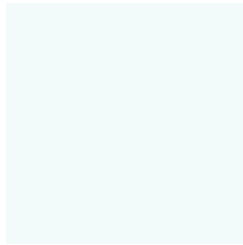
10.9511, 0.6008, 0.3084



1.0296, 0.5684, 0.2905

Previews

White Background



This preview shows how the Yxy color 94.7112, 0.3082, 0.3310 looks on a white background.

Color Contrast Check

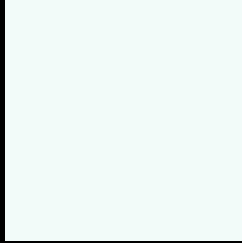
Large Text (above 18pt) WCAG AA × Fail

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 94.7112, 0.3082, 0.3310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

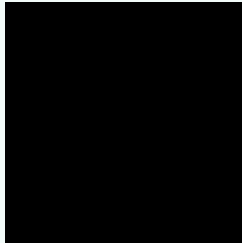
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

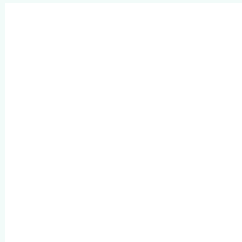
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.7112, 0.3082, 0.3310

Background



This preview shows how black text looks on a background with the Yxy color 94.7112, 0.3082, 0.3310.

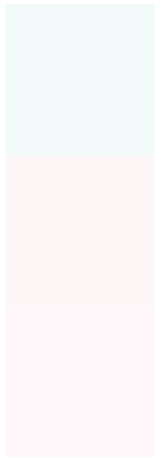


This preview shows how white text looks on a background with the Yxy color 94.7112, 0.3082, 0.3310.

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

94.7112, 0.3082, 0.3310

Protanopia

94.7329, 0.3165, 0.3300

Deuteranopia

94.6211, 0.3166, 0.3271

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

94.7112, 0.3082, 0.3310

Protanomaly

94.6684, 0.3133, 0.3300

Deuteranomaly

94.2983, 0.3134, 0.3280

Tritanomaly

95.0559, 0.3085, 0.3261

Monochromacy



Original Color

94.7112, 0.3082, 0.3310

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.1215, 0.3114, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7112, 0.3082, 0.3310 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(242, 251, 249)` looks like.

```
.text, #text, p{  
    color:rgb(242, 251, 249)  
}
```

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(242, 251, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 251, 249) }
```

Border

The CSS property to change the border of an element to Yxy 94.7112, 0.3082, 0.3310 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(242, 251, 249) }
```

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

```
.border{ border-color:rgb(242, 251, 249) }
```

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

Here you see how a box with a 4 pixel rgb(242, 251, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 251, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 251, 249);  
box-shadow:4px 4px 4px 4px rgb(242, 251,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7112, 0.3082, 0.3310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 251, 249) }
```

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

```
.background{ background-color: rgb(242,  
251, 249) }
```

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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