

Converting Colors

$Yxy(94.9820, 0.3059, 0.3282)$

Have a look what the booklet for
Yxy(94.9820, 0.3059, 0.3282)
contains.

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Color

Yxy(94.7234, 0.3059, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F1FBFC
RGB	241, 251, 252
RGB Percent	95%, 98%, 99%
CMY	0.0549, 0.0157, 0.0117
CMYK	0.04, 0.00, 0.00, 0.01
HSL	185°, 65%, 97%
HSV	185°, 4%, 99%
XYZ	88.3411, 94.7234, 105.7263
YIQ	248.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

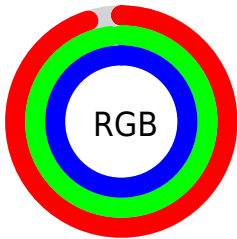
Format	Color
R _Y B	241, 246, 252
Decimal	15858684
CIE Lab	97.92, -3.09, -1.63
CIE LCh	98, 3.496, 207.785
Yxy	94.7234, 0.3059, 0.3280
Android (android.graphics.Color)	4294048764 (0xFFFF1FBFC)
YUV	248.1240, 1.9109, -6.2477
Hunter-Lab	97.3259, -8.2990, 3.7207

Details

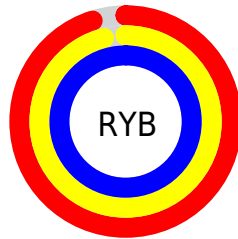
The Yxy color 94.7234, 0.3059, 0.3280 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.5439, 0.3199, 0.3300, and the grayscale version is 93.9656, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.2846, 0.3048, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 89.1781, 0.2907, 0.3256, and if you desaturate by 10%, it is 98.7227, 0.3145, 0.3302.

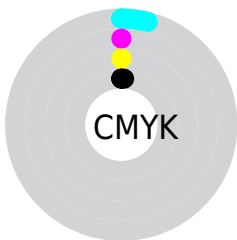
Distribution



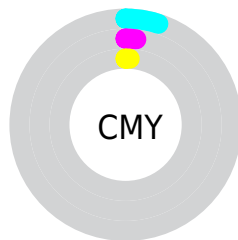
- Red (95%)
- Green (98%)
- Blue (99%)



- Red (95%)
- Yellow (96%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)





- Cyan (5%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7234, 0.3059, 0.3280 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 94.7234, 0.3059, 0.3280 by changing the saturation by 10% instead.


 94.7234, 0.3059,
0.3280

 94.7234, 0.3059,
0.3280

543.2791, 0.3089,
0.3285

 71.9048, 0.3052,
0.3279


153.8824, 0.3069,
0.3282

 53.0809, 0.3045,
0.3278


190.9916, 0.3073,
0.3282

 37.8674, 0.3035,
0.3276


233.6331, 0.3077,
0.3283

 25.8798, 0.3022,
0.3274

282.1913, 0.3080,
0.3283

 16.7337, 0.3006,
0.3272

337.0506, 0.3082,
0.3284

 10.0448, 0.2984,
0.3268

398.5954, 0.3085,

 5.4287, 0.2951,

0.3284

467.2101, 0.3087,
0.3284

0.3262

2.5009, 0.2900,
0.3253

0.8771, 0.2800,
0.3239

94.7234, 0.3059,
0.3280

94.7234, 0.3059,
0.3280

89.1781, 0.2907,
0.3256

98.7227, 0.3145,
0.3302

84.2343, 0.2762,
0.3229

99.8087, 0.3144,
0.3319

79.8693, 0.2628,
0.3201

76.0541, 0.2508,
0.3172

■ 72.7572, 0.2404,
0.3141

■ 69.9441, 0.2318,
0.3109

■ 67.5756, 0.2252,
0.3078

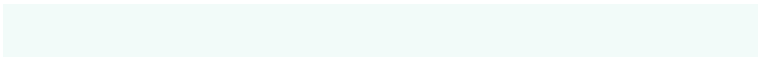
■ 65.6062, 0.2205,
0.3046

■ 63.9803, 0.2177,
0.3015

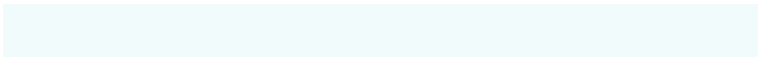
Harmonies

Analogous

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



94.7234, 0.3084, 0.3315



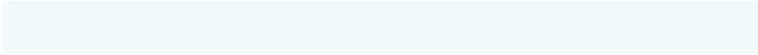
94.7234, 0.3059, 0.3280



94.7234, 0.3052, 0.3248

Triad

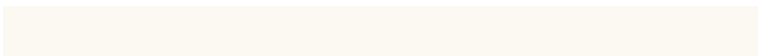
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.7234, 0.3059, 0.3280



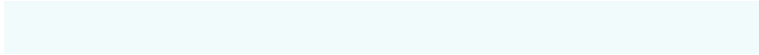
94.7234, 0.3134, 0.3238



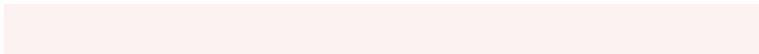
94.7234, 0.3189, 0.3352

Complementary

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



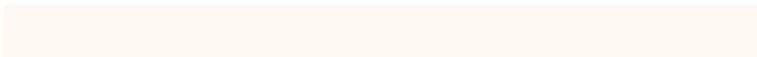
94.7234, 0.3059, 0.3280



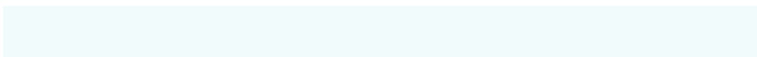
90.5439, 0.3199, 0.3300

Split Complementary

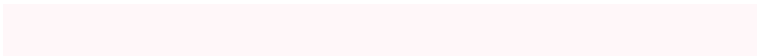
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.7234, 0.3203, 0.3331



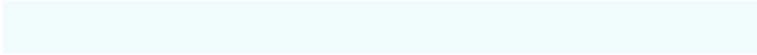
94.7234, 0.3059, 0.3280



94.7234, 0.3171, 0.3266

Square

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



94.7234, 0.3059, 0.3280



94.7234, 0.3096, 0.3225



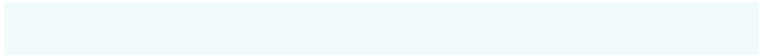
94.7234, 0.3196, 0.3300



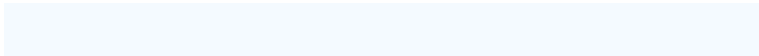
94.7234, 0.3159, 0.3357

Rectangle

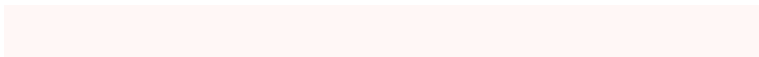
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



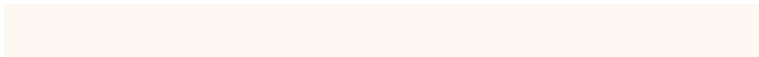
94.7234, 0.3059, 0.3280



94.7234, 0.3059, 0.3233



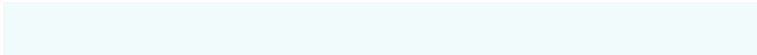
94.7234, 0.3196, 0.3300



94.7234, 0.3196, 0.3347

Sweetspot

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



94.7274, 0.3059, 0.3280



99.3723, 0.3111, 0.3288



94.7289, 0.3117, 0.3390



21.2764, 0.3112, 0.3288



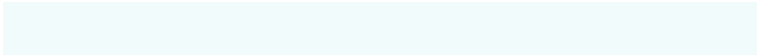
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

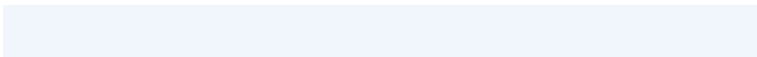
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.7274, 0.3059, 0.3280



96.9271, 0.3049, 0.3279



91.3842, 0.3060, 0.3227



19.7761, 0.3039, 0.3277



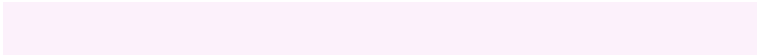
33.0194, 0.2168, 0.3003



3.1344, 0.2178, 0.3040

Inverse Universe

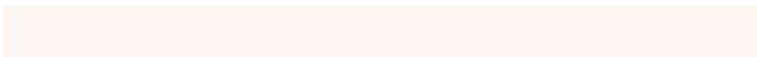
The Inverse Universe completely reimagines the original color for something new.



90.5670, 0.3138, 0.3193



92.0591, 0.3140, 0.3179



93.8232, 0.3195, 0.3353



18.6467, 0.3142, 0.3163



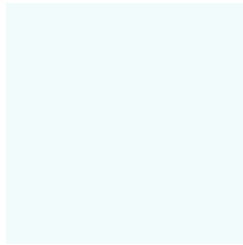
13.7442, 0.3451, 0.1675



1.2807, 0.3419, 0.1657

Previews

White Background



This preview shows how the Yxy color 94.7234, 0.3059, 0.3280 looks on a white background.

Color Contrast Check

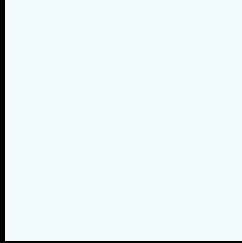
Large Text (above 18pt) WCAG AA × Fail

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 94.7234, 0.3059, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

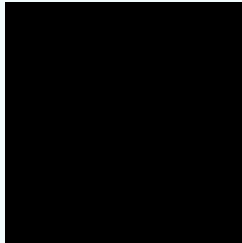
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.7234, 0.3059, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 94.7234, 0.3059, 0.3280.

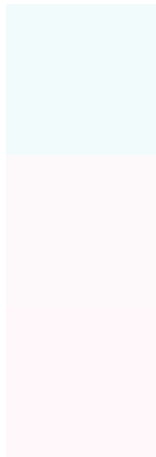


This preview shows how white text looks on a background with the Yxy color 94.7234, 0.3059, 0.3280.

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

94.7234, 0.3059, 0.3280

Protanopia

94.9196, 0.3147, 0.3271

Deuteranopia

94.6837, 0.3160, 0.3261

Tritanopia

94.7455, 0.3080, 0.3232

Trichromacy



Original Color

94.7234, 0.3059, 0.3280

Protanomaly

94.8561, 0.3115, 0.3271

Deuteranomaly

94.4238, 0.3122, 0.3261

Tritanomaly

94.9394, 0.3073, 0.3251

Monochromacy



Original Color

94.7234, 0.3059, 0.3280

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.0034, 0.3102, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.7234, 0.3059, 0.3280 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(241, 251, 252)` looks like.

```
.text, #text, p{  
    color:rgb(241, 251, 252)  
}
```

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(241, 251, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 251, 252) }
```

Border

The CSS property to change the border of an element to Yxy 94.7234, 0.3059, 0.3280 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(241, 251, 252) }
```

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

```
.border{ border-color:rgb(241, 251, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 251, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 251, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 251, 252);  
box-shadow:4px 4px 4px 4px rgb(241, 251,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7234, 0.3059, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 251, 252) }
```

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

```
.background{ background-color: rgb(241,  
251, 252) }
```

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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