

Converting Colors

$Yxy(94.2463, 0.3102, 0.3280)$

Have a look what the booklet for
Yxy(94.2463, 0.3102, 0.3280)
contains.

Yxy(94.2463, 0.3102, 0.3280)	3
Conversions	4
Details	6
Harmonies	12
Previews	23
Color Blindness Simulation	26
CSS Examples	29

Color

Yxy(94.2463, 0.3102, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F6F9FA
RGB	246, 249, 250
RGB Percent	96%, 98%, 98%
CMY	0.0354, 0.0235, 0.0195
CMYK	0.02, 0.00, 0.00, 0.02
HSL	195°, 29%, 97%
HSV	195°, 2%, 98%
XYZ	89.1317, 94.2463, 103.9583
YIQ	248.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

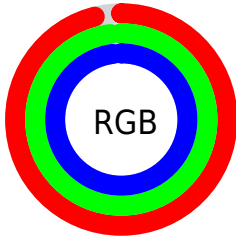
Format	Color
R_{YB}	246, 248, 250
Decimal	16185850
CIE _{Lab}	97.73, -0.82, -0.85
CIE _{LCh}	98, 1.178, 226.166
Yxy	94.2463, 0.3102, 0.3280
Android (android.graphics.Color)	4294375930 (0xFF6F9FA)
YUV	248.2170, 0.8790, -1.9443
Hunter-Lab	97.0805, -6.0063, 4.4659

Details

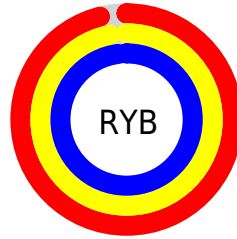
The Yxy color 94.2463, 0.3102, 0.3280 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.4930, 0.3153, 0.3300, and the grayscale version is 94.0503, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.9821, 0.3096, 0.3278 is the 20% darker color. If you saturate the color by 10%, you get 86.2268, 0.2947, 0.3215, and if you desaturate by 10%, it is 99.6839, 0.3156, 0.3337.

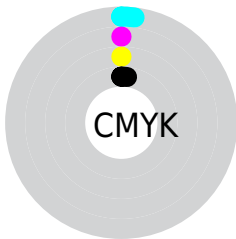
Distribution



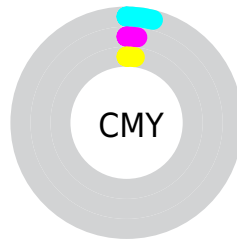
- Red (96%)
- Green (98%)
- Blue (98%)



- Red (96%)
- Yellow (97%)
- Blue (98%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)




- Cyan (4%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.2463, 0.3102, 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 94.2463, 0.3102, 0.3280 by changing the saturation by 10% instead.

 94.2463, 0.3102,
0.3280

 94.2463, 0.3102,
0.3280

541.7493, 0.3113,
0.3285

 71.5078, 0.3100,
0.3279


153.2229, 0.3106,
0.3282

 52.7567, 0.3097,
0.3278


190.2299, 0.3107,
0.3282

 37.6086, 0.3093,
0.3276


232.7618, 0.3109,
0.3283

 25.6791, 0.3088,
0.3274

281.2030, 0.3110,
0.3283

 16.5837, 0.3082,
0.3272

335.9380, 0.3111,
0.3284

 9.9381, 0.3074,
0.3268

397.3511, 0.3112,

 5.3580, 0.3062,

0.3284

0.3263

465.8267, 0.3112,
0.3284

■ 2.4588, 0.3042,
0.3255

■ 0.8559, 0.3005,
0.3241

■ 94.2463, 0.3102,
0.3280

■ 94.2463, 0.3102,
0.3280

■ 86.2268, 0.2947,
0.3215

■ 99.6839, 0.3156,
0.3337

■ 78.9151, 0.2794,
0.3143

■ 72.2884, 0.2646,
0.3065

■ 66.3176, 0.2507,
0.2982

■ 60.9715, 0.2380,
0.2894

■ 56.2158, 0.2268,
0.2802

■ 52.0121, 0.2173,
0.2708

■ 48.3165, 0.2099,
0.2614

■ 45.0766, 0.2045,
0.2520

Harmonies

Analogous

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



94.2463, 0.3107, 0.3291



94.2463, 0.3102, 0.3280



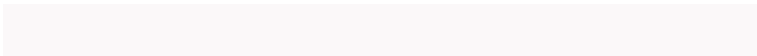
94.2463, 0.3104, 0.3271

Triad

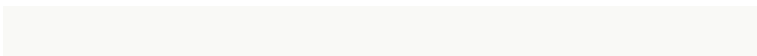
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.2463, 0.3102, 0.3280



94.2463, 0.3137, 0.3278



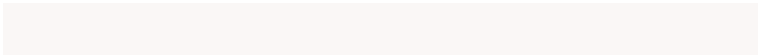
94.2463, 0.3142, 0.3313

Complementary

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



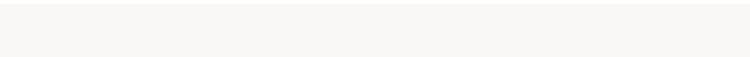
94.2463, 0.3102, 0.3280



93.4930, 0.3153, 0.3300

Split Complementary

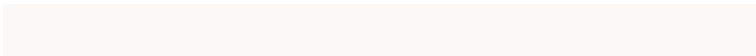
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.2463, 0.3151, 0.3309



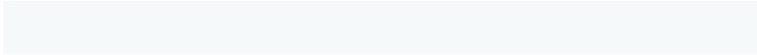
94.2463, 0.3102, 0.3280



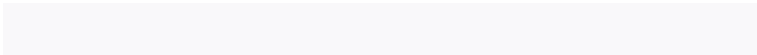
94.2463, 0.3148, 0.3289

Square

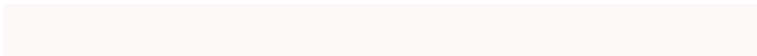
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



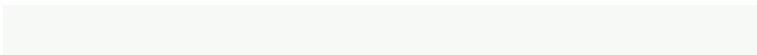
94.2463, 0.3102, 0.3280



94.2463, 0.3124, 0.3270



94.2463, 0.3153, 0.3300



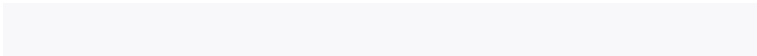
94.2463, 0.3130, 0.3310

Rectangle

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



94.2463, 0.3102, 0.3280



94.2463, 0.3109, 0.3268



94.2463, 0.3153, 0.3300



94.2463, 0.3146, 0.3312

Sweetspot

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



94.2503, 0.3102, 0.3280

100.0000, 0.3127, 0.3290



94.6905, 0.3119, 0.3320



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

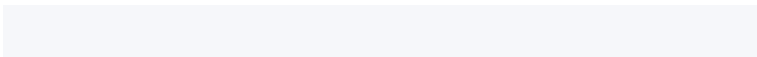
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.2503, 0.3102, 0.3280



98.2341, 0.3096, 0.3278



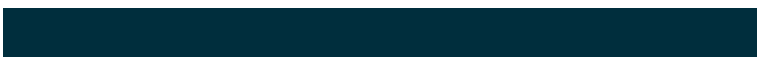
93.0024, 0.3103, 0.3260



20.1468, 0.3098, 0.3278



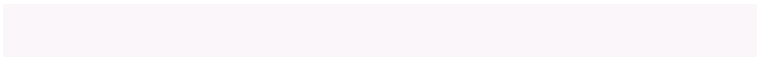
22.8557, 0.2016, 0.2458



2.2844, 0.2047, 0.2569

Inverse Universe

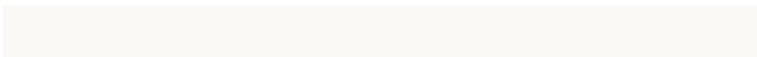
The Inverse Universe completely reimagines the original color for something new.



93.0619, 0.3135, 0.3260



96.7072, 0.3137, 0.3254



94.7409, 0.3152, 0.3320



19.8498, 0.3136, 0.3255



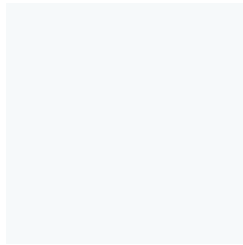
12.7182, 0.3965, 0.1958



1.1948, 0.3854, 0.1897

Previews

White Background



This preview shows how the Yxy color 94.2463, 0.3102, 0.3280 looks on a white background.

Color Contrast Check

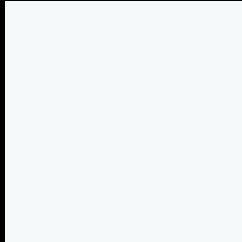
Large Text (above 18pt) WCAG AA × Fail

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 94.2463, 0.3102, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

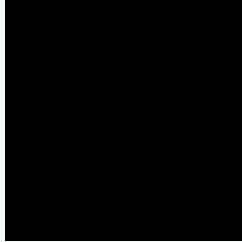
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.2463, 0.3102, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 94.2463, 0.3102, 0.3280.

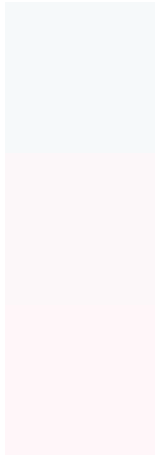


This preview shows how white text looks on a background with the Yxy color 94.2463, 0.3102, 0.3280.

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

94.2463, 0.3102, 0.3280

Protanopia

94.0565, 0.3147, 0.3271

Deuteranopia

94.0111, 0.3167, 0.3261

Tritanopia

94.3113, 0.3086, 0.3222

Trichromacy



Original Color

94.2463, 0.3102, 0.3280

Protanomaly

94.2983, 0.3134, 0.3280

Deuteranomaly

94.0565, 0.3147, 0.3271

Tritanomaly

94.0008, 0.3092, 0.3241

Monochromacy



Original Color

94.2463, 0.3102, 0.3280

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.7485, 0.3115, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2463, 0.3102, 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(246, 249, 250)` looks like.

```
.text, #text, p{  
    color:rgb(246, 249, 250)  
}
```

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(246, 249, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 249, 250) }
```

Border

The CSS property to change the border of an element to Yxy 94.2463, 0.3102, 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(246, 249, 250) }
```

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

```
.border{ border-color:rgb(246, 249, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 249, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 249, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 249, 250);  
box-shadow:4px 4px 4px 4px rgb(246, 249,  
250) }
```

Background

The CSS property to change the background color of an element to Yxy 94.2463, 0.3102, 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(246, 249, 250) }
```

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

```
.background{ background-color: rgb(246,  
249, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor