

Converting Colors

$Yxy(94.6899, 0.3102, 0.3298)$

Have a look what the booklet for
Yxy(94.6899, 0.3102, 0.3298)
contains.

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Color

Yxy(94.6232, 0.3102, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	F5FAF9
RGB	245, 250, 249
RGB Percent	96%, 98%, 98%
CMY	0.0391, 0.0196, 0.0237
CMYK	0.02, 0.00, 0.00, 0.02
HSL	167°, 33%, 97%
HSV	167°, 2%, 98%
XYZ	88.9458, 94.6232, 103.1680
YIQ	248.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

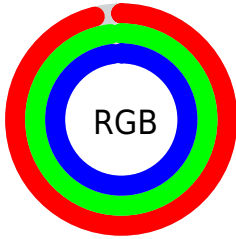
Format	Color
R _Y B	245, 248, 250
Decimal	16120569
CIE Lab	97.88, -1.81, -0.09
CIE LCh	98, 1.811, 182.801
Yxy	94.6232, 0.3102, 0.3300
Android (android.graphics.Color)	4294310649 (0xFF5FAF9)
YUV	248.3910, 0.3002, -2.9739
Hunter-Lab	97.2745, -7.0135, 5.2100

Details

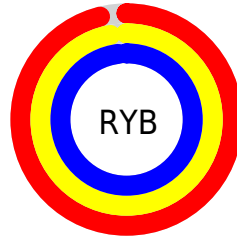
The Yxy color 94.6232, 0.3102, 0.3300 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.3109, 0.3153, 0.3280, and the grayscale version is 94.2104, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.2526, 0.3095, 0.3302 is the 20% darker color. If you saturate the color by 10%, you get 90.1086, 0.2978, 0.3354, and if you desaturate by 10%, it is 96.7975, 0.3134, 0.3250.

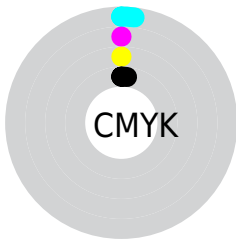
Distribution



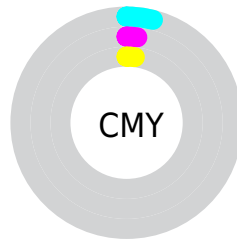
- Red (96%)
- Green (98%)
- Blue (98%)



- 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 94.6232, 0.3102, 0.3300 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 94.6232, 0.3102, 0.3300 by changing the saturation by 10% instead.


 94.6232, 0.3102,
0.3300

 94.6232, 0.3102,
0.3300


542.9580, 0.3113,
0.3296

 71.8214, 0.3100,
0.3301

153.7439, 0.3106,
0.3299

 53.0128, 0.3097,
0.3302


190.8317, 0.3107,
0.3298

 37.8130, 0.3093,
0.3303


233.4502, 0.3109,
0.3297

 25.8376, 0.3088,
0.3305

281.9838, 0.3110,
0.3297

 16.7022, 0.3082,
0.3308

336.8170, 0.3111,
0.3297

 10.0224, 0.3074,
0.3311

398.3342, 0.3112,

 5.4138, 0.3062,

0.3296

0.3316

466.9197, 0.3112,
0.3296

■ 2.4920, 0.3042,
0.3323

■ 0.8726, 0.3004,
0.3338

■ 94.6232, 0.3102,
0.3300

■ 94.6232, 0.3102,
0.3300

■ 90.1086, 0.2978,
0.3354

■ 96.7975, 0.3134,
0.3250

■ 86.1823, 0.2860,
0.3413

■ 96.8503, 0.3129,
0.3242


■ 82.8223, 0.2751,
0.3477


■ 80.0010, 0.2654,
0.3545

 77.6881, 0.2572,
0.3618

 75.8504, 0.2508,
0.3693

 74.4507, 0.2464,
0.3770

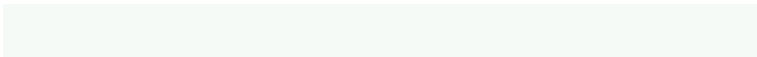
 73.4462, 0.2439,
0.3847

 72.7852, 0.2433,
0.3924

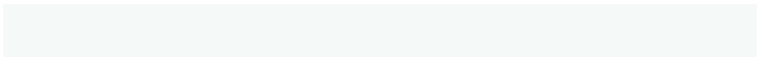
Harmonies

Analogous

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



94.6232, 0.3120, 0.3315



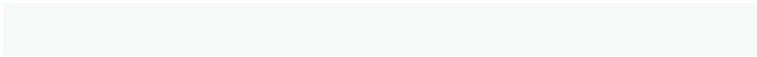
94.6232, 0.3102, 0.3300



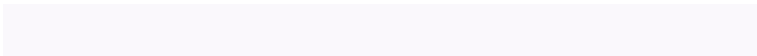
94.6232, 0.3091, 0.3282

Triad

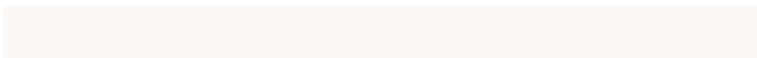
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



94.6232, 0.3102, 0.3300



94.6232, 0.3114, 0.3257



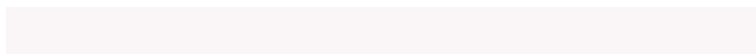
94.6232, 0.3166, 0.3314

Complementary

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



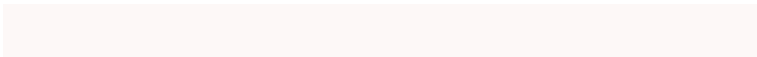
94.6232, 0.3102, 0.3300



92.3109, 0.3153, 0.3280

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.



94.6232, 0.3164, 0.3298



94.6232, 0.3102, 0.3300



94.6232, 0.3134, 0.3265

Square

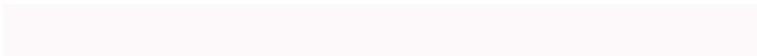
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.6232, 0.3102, 0.3300



94.6232, 0.3097, 0.3257



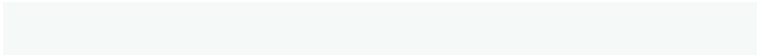
94.6232, 0.3153, 0.3280



94.6232, 0.3157, 0.3323

Rectangle

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



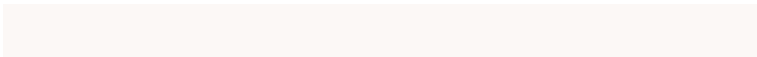
94.6232, 0.3102, 0.3300



94.6232, 0.3088, 0.3271



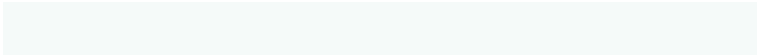
94.6232, 0.3153, 0.3280



94.6232, 0.3166, 0.3309

Sweetspot

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



94.6272, 0.3102, 0.3300



99.4854, 0.3114, 0.3295



94.5788, 0.3132, 0.3339



21.2994, 0.3115, 0.3295



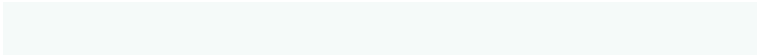
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



94.6272, 0.3102, 0.3300



98.9772, 0.3102, 0.3300



93.8220, 0.3096, 0.3276



20.2913, 0.3103, 0.3300



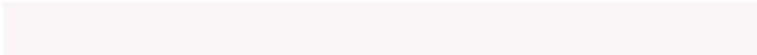
38.4470, 0.2437, 0.3972



3.5759, 0.2411, 0.3881

Inverse Universe

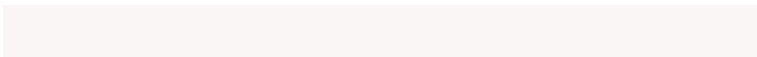
The Inverse Universe completely reimagines the original color for something new.



92.3109, 0.3153, 0.3280



96.5318, 0.3153, 0.3280



93.1011, 0.3158, 0.3304



19.8157, 0.3152, 0.3280



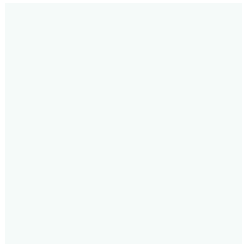
10.9294, 0.6055, 0.3109



1.0269, 0.5737, 0.2934

Previews

White Background



This preview shows how the Yxy color 94.6232, 0.3102, 0.3300 looks on a white background.

Color Contrast Check

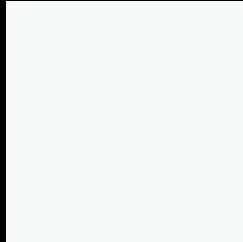
Large Text (above 18pt) WCAG AA × Fail

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 94.6232, 0.3102, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

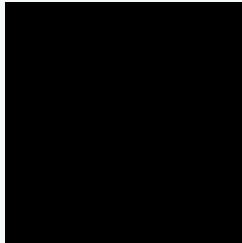
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

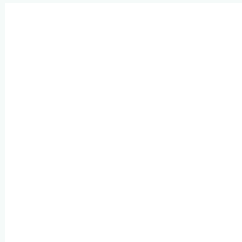
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.6232, 0.3102, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 94.6232, 0.3102, 0.3300.

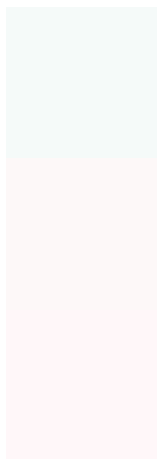


This preview shows how white text looks on a background with the Yxy color 94.6232, 0.3102, 0.3300.

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

94.6232, 0.3102, 0.3300

Protanopia

94.7948, 0.3159, 0.3290

Deuteranopia

94.6211, 0.3166, 0.3271

Tritanopia

94.4945, 0.3092, 0.3222

Trichromacy

Original Color

94.6232, 0.3102, 0.3300

Protanomaly

94.8527, 0.3139, 0.3300

Deuteranomaly

94.4836, 0.3140, 0.3280

Tritanomaly

94.7997, 0.3097, 0.3251

Monochromacy

Original Color

94.6232, 0.3102, 0.3300

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.3028, 0.3120, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6232, 0.3102, 0.3300 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(245, 250, 249)` looks like.

```
.text, #text, p{  
    color:rgb(245, 250, 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(245, 250, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 250, 249) }
```

Border

The CSS property to change the border of an element to Yxy 94.6232, 0.3102, 0.3300 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(245, 250, 249) }
```

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

```
.border{ border-color:rgb(245, 250, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 250, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 250, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 250, 249);  
box-shadow:4px 4px 4px 4px rgb(245, 250,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6232, 0.3102, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 250, 249) }
```

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

```
.background{ background-color: rgb(245,  
250, 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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