

Converting Colors

$Yxy(94.5949, 0.3065, 0.3268)$

Have a look what the booklet for
Yxy(94.5949, 0.3065, 0.3268)
contains.

Yxy(94.3403, 0.3060, 0.3260)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(94.3403, 0.3060, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	F2FAFD
RGB	242, 250, 253
RGB Percent	95%, 98%, 99%
CMY	0.0507, 0.0197, 0.0077
CMYK	0.04, 0.01, 0.00, 0.01
HSL	197°, 74%, 97%
HSV	197°, 4%, 99%
XYZ	88.5526, 94.3403, 106.4946
YIQ	247.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

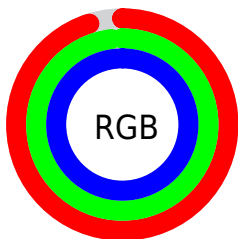
Format	Color
R _Y B	242, 247, 253
Decimal	15923965
CIE _{Lab}	97.77, -2.04, -2.37
CIE _{LCh}	98, 3.130, 229.303
Yxy	94.3403, 0.3060, 0.3260
Android (android.graphics.Color)	4294114045 (0xFFFF2FAFD)
YUV	247.9500, 2.4896, -5.2182
Hunter-Lab	97.1289, -7.2370, 2.9832

Details

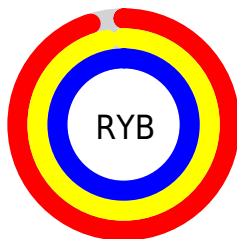
The Yxy color 94.3403, 0.3060, 0.3260 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.6735, 0.3197, 0.3320, and the grayscale version is 93.8202, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.0082, 0.3049, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 85.8858, 0.2905, 0.3186, and if you desaturate by 10%, it is 99.8738, 0.3138, 0.3309.

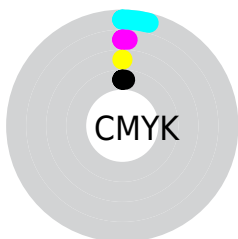
Distribution



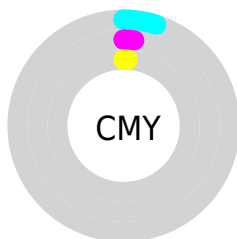
- Red (95%)
- Green (98%)
- Blue (99%)



- Red (95%)
- Yellow (97%)
- Blue (99%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3403, 0.3060, 0.3260 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 94.3403, 0.3060, 0.3260 by changing the saturation by 10% instead.


 94.3403, 0.3060,
0.3260

 94.3403, 0.3060,
0.3260

542.0509, 0.3090,
0.3273

 71.5860, 0.3054,
0.3257


153.3529, 0.3070,
0.3265

 52.8206, 0.3046,
0.3253


190.3800, 0.3074,
0.3266

 37.6596, 0.3036,
0.3249


232.9335, 0.3077,
0.3268

 25.7186, 0.3024,
0.3243

281.3978, 0.3080,
0.3269

 16.6132, 0.3008,
0.3236

336.1573, 0.3083,
0.3271

 9.9591, 0.2986,
0.3226

397.5964, 0.3086,

 5.3719, 0.2954,

0.3272

0.3210

466.0994, 0.3088,
0.3273

■ 2.4671, 0.2903,
0.3186

■ 0.8601, 0.2805,
0.3143

■ 94.3403, 0.3060,
0.3260

■ 94.3403, 0.3060,
0.3260

■ 85.8858, 0.2905,
0.3186

99.8738, 0.3138,
0.3309

■ 78.1824, 0.2752,
0.3104

■ 71.2054, 0.2604,
0.3015

■ 64.9237, 0.2464,
0.2920

■ 59.3040, 0.2337,
0.2821

■ 54.3093, 0.2226,
0.2717

■ 49.8984, 0.2133,
0.2611

■ 46.0234, 0.2060,
0.2505

■ 42.6264, 0.2007,
0.2401

Harmonies

Analogous

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



94.3403, 0.3071, 0.3290



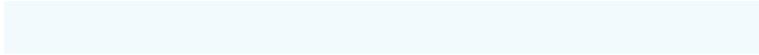
94.3403, 0.3060, 0.3260



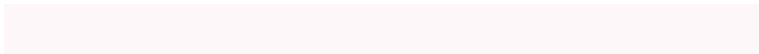
94.3403, 0.3067, 0.3238

Triad

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



94.3403, 0.3060, 0.3260



94.3403, 0.3158, 0.3261



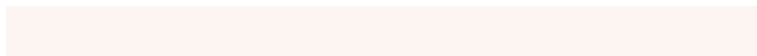
94.3403, 0.3164, 0.3350

Complementary

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



94.3403, 0.3060, 0.3260



92.6735, 0.3197, 0.3320

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.



94.3403, 0.3188, 0.3342



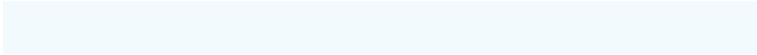
94.3403, 0.3060, 0.3260



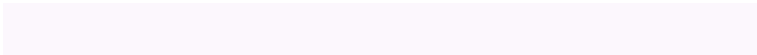
94.3403, 0.3184, 0.3290

Square

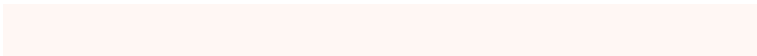
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



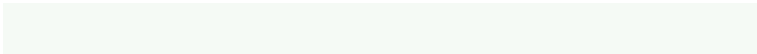
94.3403, 0.3060, 0.3260



94.3403, 0.3123, 0.3239



94.3403, 0.3195, 0.3320



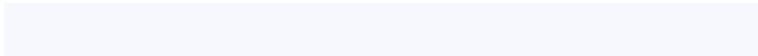
94.3403, 0.3131, 0.3342

Rectangle

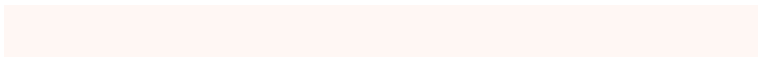
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.3403, 0.3060, 0.3260



94.3403, 0.3081, 0.3232



94.3403, 0.3195, 0.3320



94.3403, 0.3174, 0.3349

Sweetspot

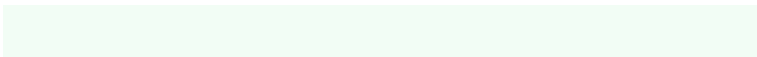
The Sweet Spot groups the original color and five complimentary colors.



94.3443, 0.3060, 0.3260



99.0686, 0.3112, 0.3283



95.7500, 0.3105, 0.3369



21.2146, 0.3112, 0.3284



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.



94.3443, 0.3060, 0.3260



95.4235, 0.3050, 0.3255



91.0589, 0.3061, 0.3207



20.2903, 0.3039, 0.3250



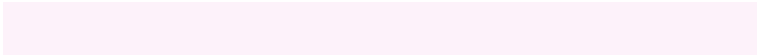
21.9919, 0.1989, 0.2359



2.3252, 0.2022, 0.2478

Inverse Universe

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



91.3317, 0.3151, 0.3213



91.9073, 0.3154, 0.3202



95.9675, 0.3193, 0.3372



19.4377, 0.3158, 0.3189



12.9481, 0.4065, 0.2013



1.2793, 0.3945, 0.1947

Previews

White Background



This preview shows how the Yxy color 94.3403, 0.3060, 0.3260 looks on a white background.

Color Contrast Check

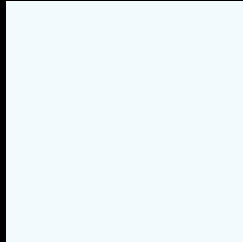
Large Text (above 18pt) WCAG AA × Fail

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 94.3403, 0.3060, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

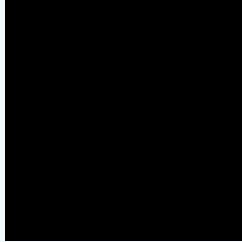
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

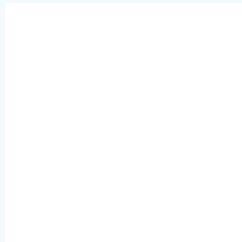
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.3403, 0.3060, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 94.3403, 0.3060, 0.3260.

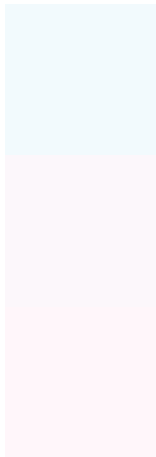


This preview shows how white text looks on a background with the Yxy color 94.3403, 0.3060, 0.3260.

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

94.3403, 0.3060, 0.3260

Protanopia

94.1820, 0.3135, 0.3251

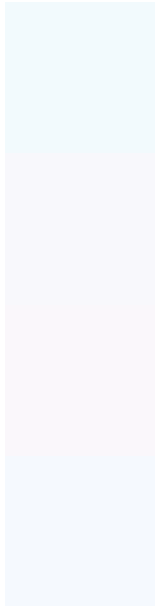
Deuteranopia

94.0737, 0.3161, 0.3252

Tritanopia

94.1290, 0.3080, 0.3222

Trichromacy



Original Color

94.3403, 0.3060, 0.3260

Protanomaly

94.1195, 0.3104, 0.3251

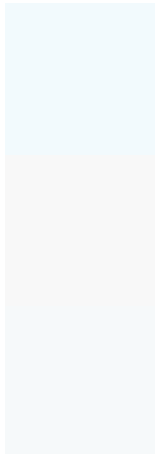
Deuteranomaly

93.8106, 0.3123, 0.3251

Tritanomaly

94.3196, 0.3073, 0.3241

Monochromacy



Original Color

94.3403, 0.3060, 0.3260

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

94.2463, 0.3102, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3403, 0.3060, 0.3260 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, 250, 253)` looks like.

```
.text, #text, p{  
    color:rgb(242, 250, 253)  
}
```

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, 250, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 250, 253) }
```

Border

The CSS property to change the border of an element to Yxy 94.3403, 0.3060, 0.3260 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, 250, 253) }
```

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

```
.border{ border-color:rgb(242, 250, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 250, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 250, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 250, 253);  
box-shadow:4px 4px 4px 4px rgb(242, 250,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3403, 0.3060, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 250, 253) }
```

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

```
.background{ background-color: rgb(242,  
250, 253) }
```

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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