

# Converting Colors

$Y_{xy}(92.3322, 0.3053, 0.3268)$

Have a look what the booklet for  
Yxy(92.3322, 0.3053, 0.3268)  
contains.

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# Color

**Yxy(92.2141, 0.3053, 0.3270)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEF8FA
RGB	238, 248, 250
RGB Percent	93%, 97%, 98%
CMY	0.0664, 0.0275, 0.0197
CMYK	0.05, 0.01, 0.00, 0.02
HSL	190°, 54%, 96%
HSV	190°, 5%, 98%
XYZ	86.0947, 92.2141, 103.6915
YIQ	245.2380, -6.6020, -1.4980

# Conversions

## Conversions Part 2

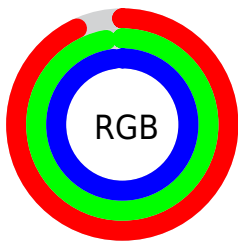
Format	Color
R <sub>Y</sub> B	238, 243, 250
Decimal	15661306
CIE Lab	96.91, -2.89, -2.10
CIE LCh	97, 3.573, 216.018
Yxy	92.2141, 0.3053, 0.3270
Android (android.graphics.Color)	4293851386 (0xFFEEF8FA)
YUV	245.2380, 2.3477, -6.3477
Hunter-Lab	96.0282, -8.0139, 3.1982

# Details

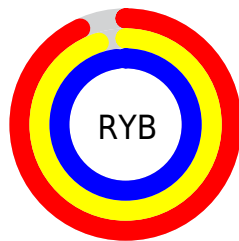
The Yxy color 92.2141, 0.3053, 0.3270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.8494, 0.3205, 0.3310, and the grayscale version is 91.5053, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.5394, 0.3033, 0.3264 is the 20% darker color. If you saturate the color by 10%, you get 85.6436, 0.2900, 0.3225, and if you desaturate by 10%, it is 97.8906, 0.3158, 0.3311.

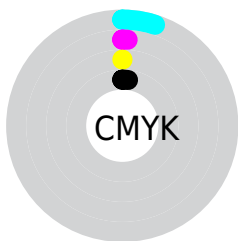
# Distribution



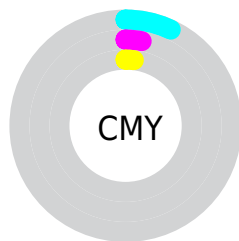
- Red (93%)
- Green (97%)
- Blue (98%)



- Red (93%)
- Yellow (95%)
- Blue (98%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)




- Cyan (7%)
- Magenta (3%)
- Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.2141, 0.3053, 0.3270 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 92.2141, 0.3053, 0.3270 by changing the saturation by 10% instead.



 92.2141, 0.3053,  
0.3270

 92.2141, 0.3053,  
0.3270


535.2072, 0.3086,  
0.3279

 69.8185, 0.3046,  
0.3268

150.4101, 0.3064,  
0.3273

 51.3786, 0.3037,  
0.3266


186.9792, 0.3069,  
0.3274

 36.5100, 0.3026,  
0.3262


229.0417, 0.3072,  
0.3275

 24.8283, 0.3013,  
0.3259

276.9818, 0.3076,  
0.3276

 15.9492, 0.2994,  
0.3253

331.1841, 0.3079,  
0.3277

 9.4882, 0.2970,  
0.3246

392.0328, 0.3081,

 5.0610, 0.2933,

0.3278

459.9124, 0.3084,  
0.3278

0.3235

2.2831, 0.2875,  
0.3218

0.7647, 0.2734,  
0.3186

92.2141, 0.3053,  
0.3270

92.2141, 0.3053,  
0.3270

85.6436, 0.2900,  
0.3225

97.8906, 0.3158,  
0.3311

79.7024, 0.2752,  
0.3176

99.6813, 0.3156,  
0.3338

74.3679, 0.2613,  
0.3124

69.6113, 0.2485,  
0.3068

■ 65.4014, 0.2373,  
0.3010

■ 61.7036, 0.2278,  
0.2950

■ 58.4791, 0.2202,  
0.2889

■ 55.6828, 0.2145,  
0.2828

■ 53.2591, 0.2108,  
0.2768

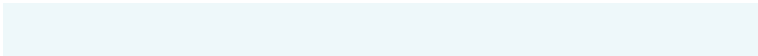
# Harmonies

## Analogous

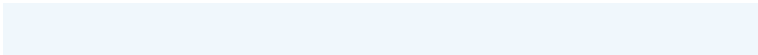
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2141, 0.3074, 0.3306



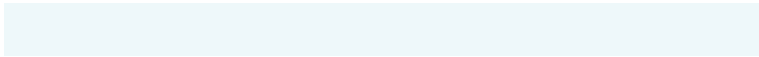
92.2141, 0.3053, 0.3270



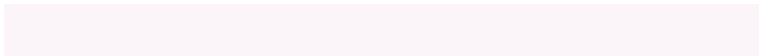
92.2141, 0.3052, 0.3240

# Triad

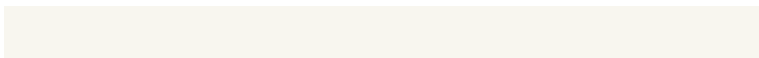
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2141, 0.3053, 0.3270



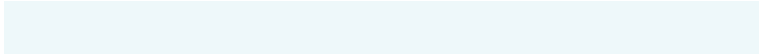
92.2141, 0.3145, 0.3243



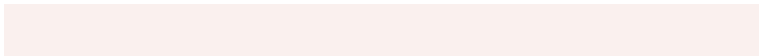
92.2141, 0.3184, 0.3357

# Complementary

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



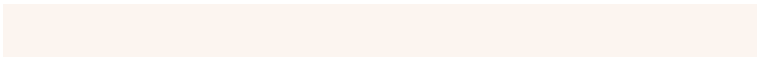
92.2141, 0.3053, 0.3270



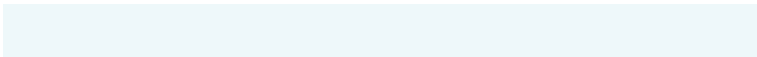
88.8494, 0.3205, 0.3310

# Split Complementary

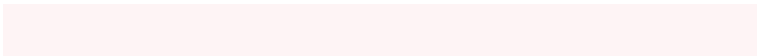
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2141, 0.3203, 0.3340



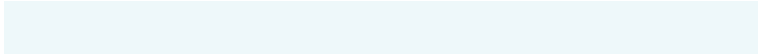
92.2141, 0.3053, 0.3270



92.2141, 0.3181, 0.3274

# Square

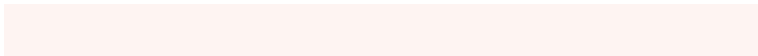
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.2141, 0.3053, 0.3270



92.2141, 0.3105, 0.3225



92.2141, 0.3202, 0.3310

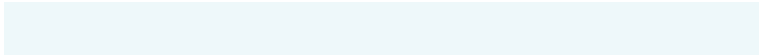


92.2141, 0.3149, 0.3357

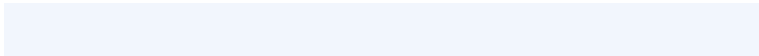


# Rectangle

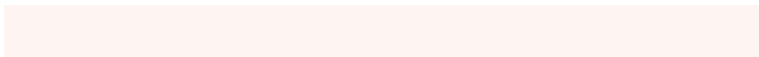
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.2141, 0.3053, 0.3270



92.2141, 0.3063, 0.3227



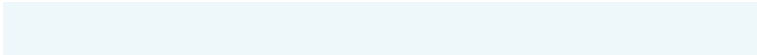
92.2141, 0.3202, 0.3310



92.2141, 0.3192, 0.3353

# Sweetspot

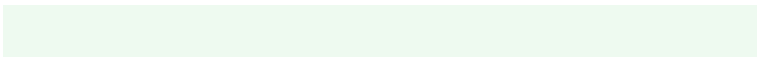
The Sweet Spot groups the original color and five complimentary colors.



92.2180, 0.3053, 0.3270



99.2477, 0.3112, 0.3286



92.8441, 0.3110, 0.3389



21.2510, 0.3112, 0.3286



0.0000, 0.0000, 0.0000

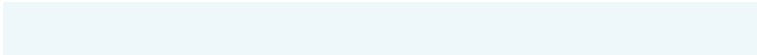


21.4041, 0.3127, 0.3290



# Same Dimension

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



92.2180, 0.3053, 0.3270



95.5909, 0.3034, 0.3265



88.6130, 0.3054, 0.3211



19.4934, 0.3024, 0.3262



27.8221, 0.2096, 0.2747



2.7036, 0.2116, 0.2819



# Inverse Universe

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



88.2811, 0.3145, 0.3193



90.4600, 0.3150, 0.3167



92.4158, 0.3201, 0.3368



18.3363, 0.3152, 0.3154



13.2196, 0.3684, 0.1803

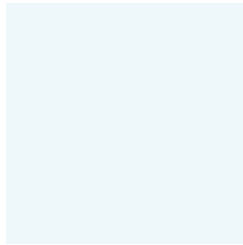


1.2372, 0.3617, 0.1766



# Previews

## White Background



This preview shows how the Yxy color 92.2141, 0.3053, 0.3270 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

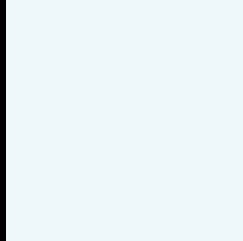
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.2141, 0.3053, 0.3270 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

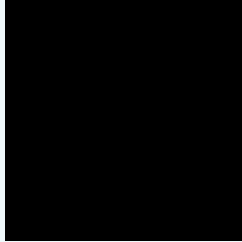
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

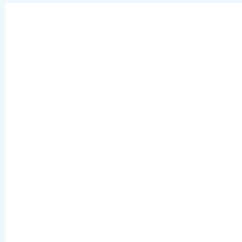
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 92.2141, 0.3053, 0.3270**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.2141, 0.3053, 0.3270.

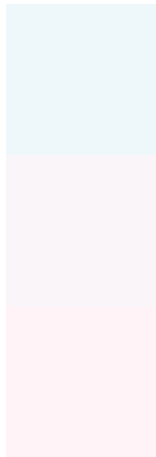


This preview shows how white text looks on a background with the Yxy color 92.2141, 0.3053, 0.3270.

# 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

92.2141, 0.3053, 0.3270

### Protanopia

92.2219, 0.3135, 0.3261

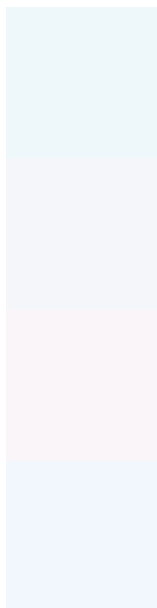
### Deuteranopia

92.1385, 0.3175, 0.3242

## Tritanopia

92.1862, 0.3055, 0.3202

# Trichromacy



## Original Color

92.2141, 0.3053, 0.3270

## Protanomaly

92.1636, 0.3103, 0.3261

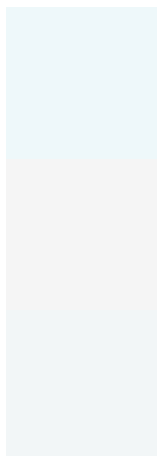
## Deuteranomaly

92.2841, 0.3129, 0.3251

## Tritanomaly

92.3141, 0.3054, 0.3231

# Monochromacy



## Original Color

92.2141, 0.3053, 0.3270

## Achromatopsia

91.3099, 0.3127, 0.3290

## Achromatomaly

91.5042, 0.3096, 0.3280

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.2141, 0.3053, 0.3270 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(238, 248, 250)` looks like.

```
.text, #text, p{  
    color:rgb(238, 248, 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(238, 248, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 248, 250) }
```

## Border

The CSS property to change the border of an element to Yxy 92.2141, 0.3053, 0.3270 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(238, 248, 250) }
```

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

```
.border{ border-color:rgb(238, 248, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 248, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 248, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 248, 250);  
box-shadow:4px 4px 4px 4px rgb(238, 248,  
250) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.2141, 0.3053, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 248, 250) }
```

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

```
.background{ background-color: rgb(238,  
248, 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](#).

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