

# Converting Colors

$Yxy(93.7122, 0.3032, 0.3261)$

Have a look what the booklet for  
Yxy(93.7122, 0.3032, 0.3261)  
contains.

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# Color

**Yxy(93.6402, 0.3035, 0.3260)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEFAFD
RGB	238, 250, 253
RGB Percent	93%, 98%, 99%
CMY	0.0667, 0.0196, 0.0078
CMYK	0.06, 0.01, 0.00, 0.01
HSL	192°, 79%, 96%
HSV	192°, 6%, 99%
XYZ	87.1773, 93.6402, 106.4224
YIQ	246.7540, -8.1150, -1.6110

# Conversions

## Conversions Part 2

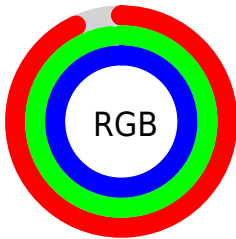
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 245, 253
Decimal	15661821
CIE Lab	97.49, -3.37, -2.81
CIE LCh	97, 4.388, 219.902
Yxy	93.6402, 0.3035, 0.3260
Android (android.graphics.Color)	4293851901 (0xFFEEFAFD)
YUV	246.7540, 3.0793, -7.6773
Hunter-Lab	96.7679, -8.5347, 2.5322

# Details

The Yxy color 93.6402, 0.3035, 0.3260 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.9799, 0.3225, 0.3320, and the grayscale version is 92.7846, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.5142, 0.3018, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 86.4533, 0.2882, 0.3205, and if you desaturate by 10%, it is 99.8730, 0.3139, 0.3309.

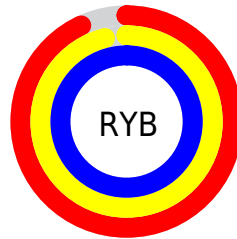
# Distribution



Red (93%)

Green (98%)

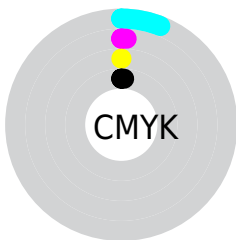
Blue (99%)



Red (93%)

Yellow (96%)

Blue (99%)

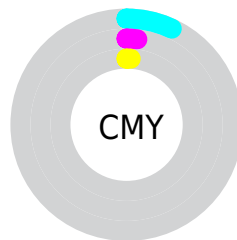


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (1%)



Cyan (7%)

Magenta (2%)


Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 93.6402, 0.3035, 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 93.6402, 0.3035, 0.3260 by changing the saturation by 10% instead.



 93.6402, 0.3035,  
0.3260

 93.6402, 0.3035,  
0.3260

539.8025, 0.3076,  
0.3274

 71.0037, 0.3026,  
0.3257


152.3846, 0.3049,  
0.3265

 52.3452, 0.3015,  
0.3253


189.2614, 0.3054,  
0.3266

 37.2803, 0.3002,  
0.3249


231.6537, 0.3059,  
0.3268

 25.4246, 0.2985,  
0.3243

279.9460, 0.3063,  
0.3269

 16.3937, 0.2963,  
0.3235

334.5226, 0.3067,  
0.3271

 9.8032, 0.2933,  
0.3225

395.7680, 0.3070,

 5.2686, 0.2889,

0.3272

0.3209

464.0665, 0.3073,  
0.3273

■ 2.4057, 0.2819,  
0.3183

■ 0.8288, 0.2673,  
0.3139

■ 93.6402, 0.3035,  
0.3260

■ 93.6402, 0.3035,  
0.3260

■ 86.4533, 0.2882,  
0.3205

99.8730, 0.3139,  
0.3309

■ 79.9367, 0.2733,  
0.3146

■ 74.0665, 0.2592,  
0.3082

■ 68.8124, 0.2463,  
0.3014

■ 64.1418, 0.2348,  
0.2943

■ 60.0181, 0.2250,  
0.2870

■ 56.4006, 0.2172,  
0.2796

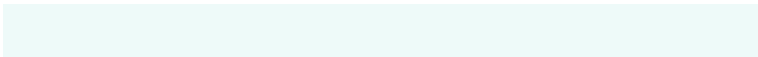
■ 53.2414, 0.2113,  
0.2722

■ 50.4813, 0.2073,  
0.2648

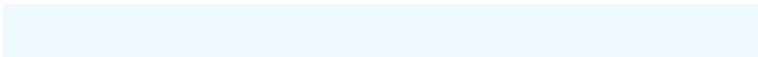
# Harmonies

## Analogous

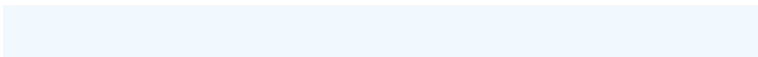
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6402, 0.3057, 0.3304



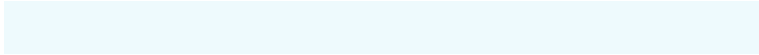
93.6402, 0.3035, 0.3260



93.6402, 0.3037, 0.3225

# Triad

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



93.6402, 0.3035, 0.3260



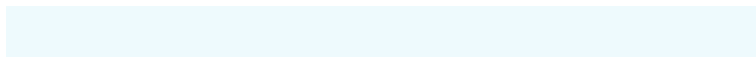
93.6402, 0.3155, 0.3237



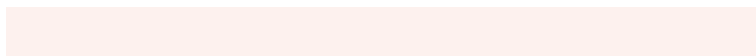
93.6402, 0.3192, 0.3373

# Complementary

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



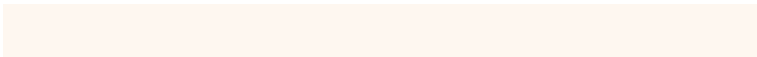
93.6402, 0.3035, 0.3260



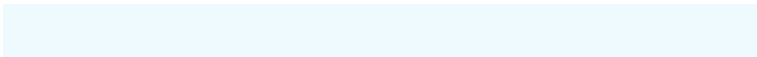
89.9799, 0.3225, 0.3320

# Split Complementary

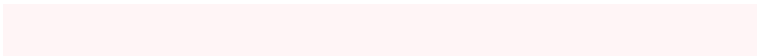
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.6402, 0.3218, 0.3355



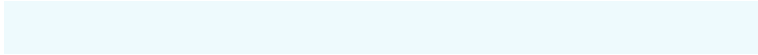
93.6402, 0.3035, 0.3260



93.6402, 0.3197, 0.3276

# Square

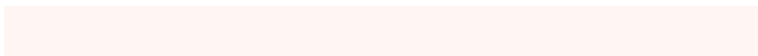
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.6402, 0.3035, 0.3260



93.6402, 0.3106, 0.3212



93.6402, 0.3220, 0.3319

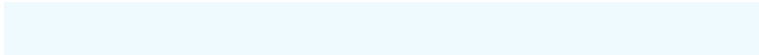


93.6402, 0.3148, 0.3370

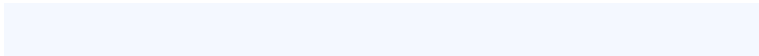


# Rectangle

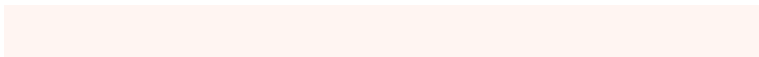
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



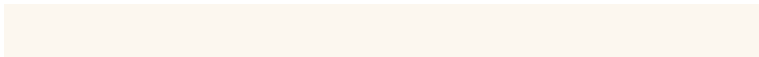
93.6402, 0.3035, 0.3260



93.6402, 0.3052, 0.3211



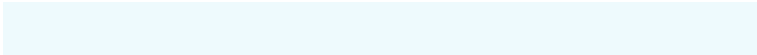
93.6402, 0.3220, 0.3319



93.6402, 0.3203, 0.3370

# Sweetspot

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



93.6442, 0.3035, 0.3260



98.3940, 0.3096, 0.3280



94.7911, 0.3103, 0.3409



21.0772, 0.3098, 0.3281



0.0000, 0.0000, 0.0000

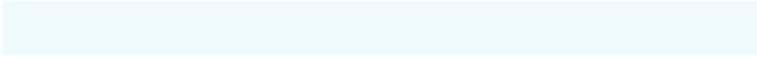


21.4041, 0.3127, 0.3290

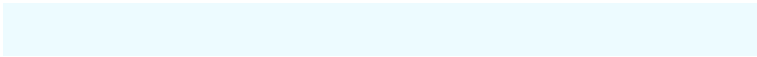


# Same Dimension

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



93.6442, 0.3035, 0.3260



94.5051, 0.3018, 0.3254



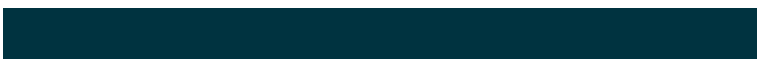
89.0770, 0.3036, 0.3185



20.1301, 0.3009, 0.3251



26.5071, 0.2064, 0.2631



2.7307, 0.2087, 0.2714



# Inverse Universe

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



88.9388, 0.3152, 0.3174



88.9066, 0.3157, 0.3152



94.5105, 0.3219, 0.3392



18.8354, 0.3160, 0.3140



13.4039, 0.3794, 0.1864

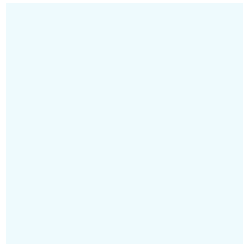


1.3202, 0.3715, 0.1820



# Previews

## White Background



This preview shows how the Yxy color 93.6402, 0.3035, 0.3260 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

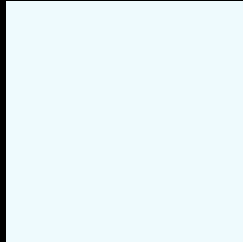
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 93.6402, 0.3035, 0.3260 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

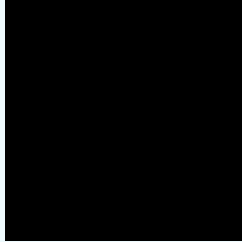
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

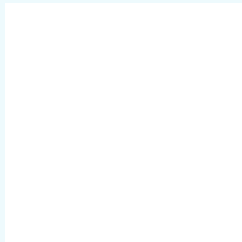
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 93.6402, 0.3035, 0.3260**

## **Background**



This preview shows how black text looks on a background with the Yxy color 93.6402, 0.3035, 0.3260.

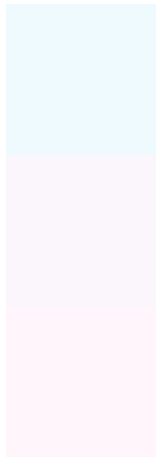


This preview shows how white text looks on a background with the Yxy color 93.6402, 0.3035, 0.3260.

# 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

93.6402, 0.3035, 0.3260

### Protanopia

93.3858, 0.3129, 0.3242

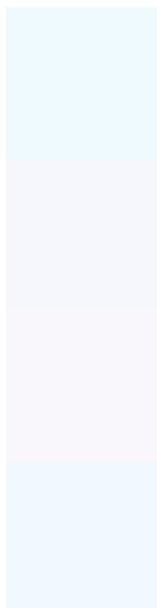
### Deuteranopia

93.4669, 0.3162, 0.3242

## **Tritanopia**

93.7673, 0.3067, 0.3222

# Trichromacy



## Original Color

93.6402, 0.3035, 0.3260

## Protanomaly

93.1426, 0.3091, 0.3241

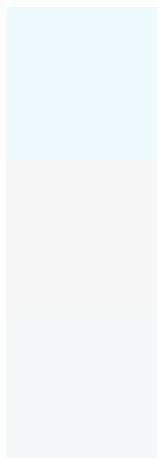
## Deuteranomaly

93.6263, 0.3116, 0.3251

## Tritanomaly

93.7844, 0.3054, 0.3241

# Monochromacy



## Original Color

93.6402, 0.3035, 0.3260

## Achromatopsia

93.0111, 0.3127, 0.3290

## Achromatomaly

93.2075, 0.3096, 0.3280

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 93.6402, 0.3035, 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(238, 250, 253)` looks like.

```
.text, #text, p{  
    color:rgb(238, 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(238, 250, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 250, 253) }
```

## Border

The CSS property to change the border of an element to Yxy 93.6402, 0.3035, 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(238, 250, 253) }
```

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

```
.border{ border-color:rgb(238, 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(238, 250, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 250, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 250, 253);  
box-shadow:4px 4px 4px 4px rgb(238, 250,  
253) }
```



# Background

The CSS property to change the background color of an element to Yxy 93.6402, 0.3035, 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(238, 250, 253) }
```

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

```
.background{ background-color: rgb(238,  
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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