

# Converting Colors

$Yxy(96.6387, 0.2748, 0.2731)$

Have a look what the booklet for  
Yxy(96.6387, 0.2748, 0.2731)  
contains.

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# Color

**Yxy(92.8801, 0.3036, 0.3221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0F8FF
RGB	240, 248, 255
RGB Percent	94%, 97%, 100%
CMY	0.0590, 0.0274, 0.0000
CMYK	0.06, 0.03, 0.00, 0.00
HSL	208°, 100%, 97%
HSV	208°, 6%, 100%
XYZ	87.5455, 92.8801, 107.9324
YIQ	246.4060, -7.0150, 0.4810

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 245, 255
Decimal	15792383
CIE <sub>Lab</sub>	97.18, -1.36, -4.28
CIE <sub>LCh</sub>	97, 4.490, 252.418
Y <sub>xy</sub>	92.8801, 0.3036, 0.3221
Android (android.graphics.Color)	4293982463 (0xFF0F8FF)
Y <sub>UV</sub>	246.4060, 4.2368, -5.6181
Hunter-Lab	96.3743, -6.5074, 1.0614

# Details

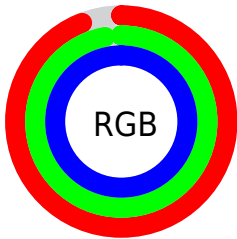
The Yxy color **92.8801, 0.3036, 0.3221** is a light color, and the websafe version is hex **FFFFFF**, and the color name is **aliceblue**. A complement of this color would be **94.0419, 0.3221, 0.3358**, and the grayscale version is **92.4720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9668, 0.3019, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **81.6723, 0.2877, 0.3094**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

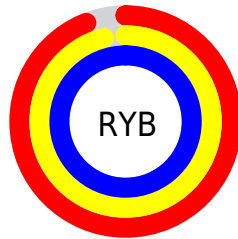
Alice Blue got the name from Alice Roosevelt Longworth who favored the color and started a trend in women's clothing by wearing a dress in

that color at her social debut.

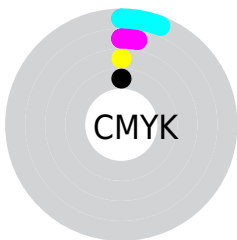
# Distribution



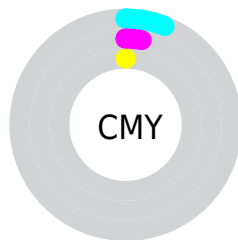
- Red (94%)
- Green (97%)
- Blue (100%)



- Red (94%)
- Yellow (96%)
- Blue (100%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)




- Cyan (6%)
- Magenta (3%)
- Yellow (0%)



# Brightness & Saturation Gradients


These gradients show how the Yxy color 92.8801, 0.3036, 0.3221 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 92.8801, 0.3036, 0.3221 by changing the saturation by 10% instead.

 92.8801, 0.3036,  
0.3221

 92.8801, 0.3036,  
0.3221


537.3558, 0.3076,  
0.3252

 70.3719, 0.3027,  
0.3214


151.3326, 0.3050,  
0.3231

 51.8297, 0.3017,  
0.3206


188.0456, 0.3055,  
0.3236

 36.8694, 0.3003,  
0.3196

230.2624, 0.3060,  
0.3239

 25.1064, 0.2986,  
0.3183

278.3673, 0.3064,  
0.3242

 16.1563, 0.2964,  
0.3166

332.7447, 0.3068,  
0.3245

 9.6348, 0.2934,  
0.3142

393.7790, 0.3071,

 5.1575, 0.2890,

0.3248

0.3108

461.8546, 0.3074,  
0.3250

■ 2.3400, 0.2820,  
0.3053

■ 0.7948, 0.2679,  
0.2948

■ 92.8801, 0.3036,  
0.3221

■ 92.8801, 0.3036,  
0.3221

■ 81.6723, 0.2877,  
0.3094

100.0000, 0.3127,  
0.3290

■ 71.5155, 0.2715,  
0.2952

■ 62.3760, 0.2553,  
0.2798

■ 54.2149, 0.2394,  
0.2632

■ 46.9903, 0.2244,  
0.2456

■ 40.6561, 0.2107,  
0.2274

■ 35.1616, 0.1989,  
0.2090

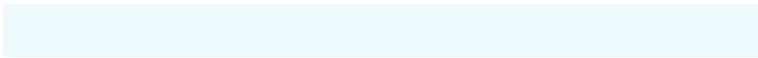
■ 30.4483, 0.1893,  
0.1908

■ 26.4461, 0.1821,  
0.1735

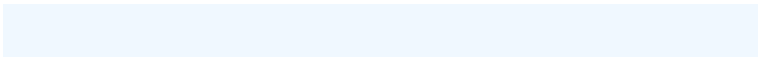
# Harmonies

## Analogous

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



92.8801, 0.3032, 0.3256



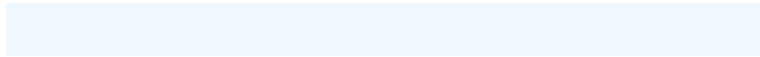
92.8801, 0.3036, 0.3221



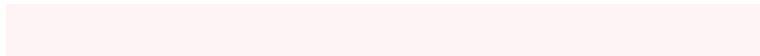
92.8801, 0.3064, 0.3205

# Triad

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



92.8801, 0.3036, 0.3221



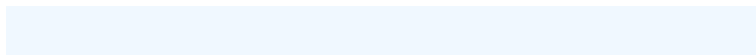
92.8801, 0.3202, 0.3280



92.8801, 0.3144, 0.3370

# Complementary

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



92.8801, 0.3036, 0.3221



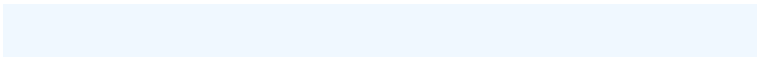
94.0419, 0.3221, 0.3358

# Split Complementary

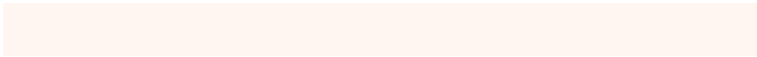
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.8801, 0.3190, 0.3376



92.8801, 0.3036, 0.3221

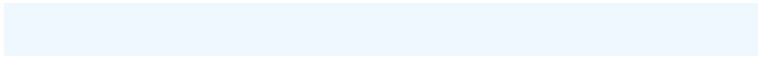


92.8801, 0.3224, 0.3323

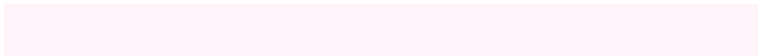


# Square

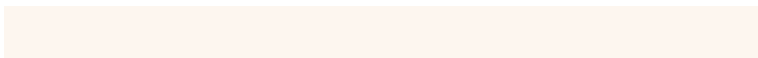
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



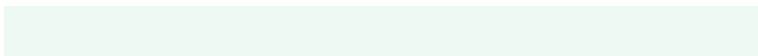
92.8801, 0.3036, 0.3221



92.8801, 0.3160, 0.3239



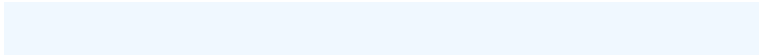
92.8801, 0.3219, 0.3359



92.8801, 0.3094, 0.3342

# Rectangle

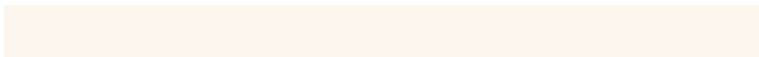
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.8801, 0.3036, 0.3221



92.8801, 0.3094, 0.3207



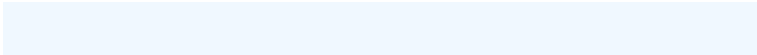
92.8801, 0.3219, 0.3359



92.8801, 0.3160, 0.3375

# Sweetspot

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



92.8831, 0.3036, 0.3221



97.5427, 0.3097, 0.3267



96.7383, 0.3082, 0.3371



20.9040, 0.3098, 0.3268



0.0000, 0.0000, 0.0000

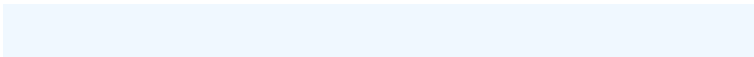


21.4041, 0.3127, 0.3290

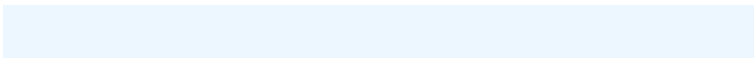


# Same Dimension

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



92.8831, 0.3036, 0.3221



91.5918, 0.3019, 0.3208



88.4836, 0.3037, 0.3149



19.4546, 0.3009, 0.3200



13.3499, 0.1804, 0.1693



1.5186, 0.1858, 0.1889



# Inverse Universe

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



90.3389, 0.3177, 0.3212



88.6125, 0.3187, 0.3198



98.5907, 0.3215, 0.3428



18.7672, 0.3192, 0.3189



12.0756, 0.4815, 0.2426



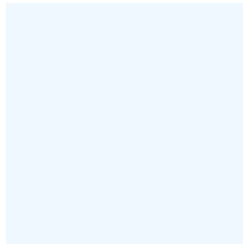
1.1978, 0.4581, 0.2297





# Previews

## White Background



This preview shows how the Yxy color 92.8801, 0.3036, 0.3221 looks on a white background.

## Color Contrast Check

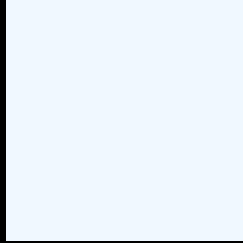
Large Text (above 18pt) WCAG AA × Fail

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 92.8801, 0.3036, 0.3221 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

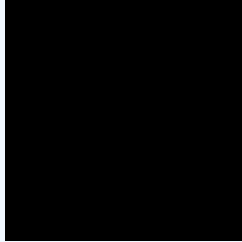
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

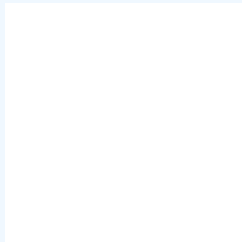
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 92.8801, 0.3036, 0.3221**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.8801, 0.3036, 0.3221.

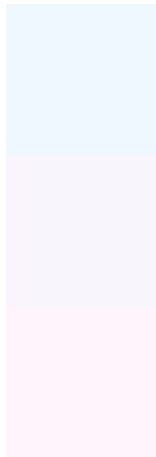


This preview shows how white text looks on a background with the Yxy color 92.8801, 0.3036, 0.3221.

# 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

92.8801, 0.3036, 0.3221

### Protanopia

92.5364, 0.3105, 0.3212

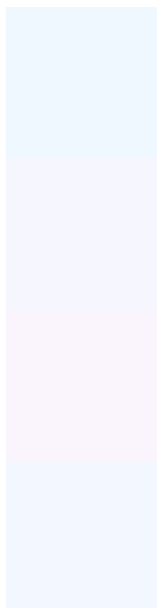
### Deuteranopia

92.9264, 0.3156, 0.3223

## Tritanopia

93.1540, 0.3068, 0.3212

# Trichromacy



## Original Color

92.8801, 0.3036, 0.3221

## Protanomaly

92.6601, 0.3080, 0.3212

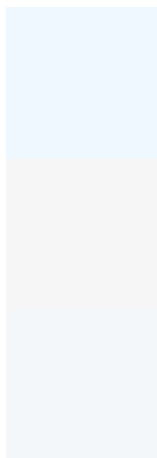
## Deuteranomaly

92.6571, 0.3118, 0.3222

## Tritanomaly

92.7962, 0.3055, 0.3212

# Monochromacy



## Original Color

92.8801, 0.3036, 0.3221

## Achromatopsia

92.1582, 0.3127, 0.3290

## Achromatomaly

92.5942, 0.3096, 0.3270

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.8801, 0.3036, 0.3221 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(240, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(240, 248, 255)  
}
```

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(240, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 248, 255) }
```

## Border

The CSS property to change the border of an element to Yxy 92.8801, 0.3036, 0.3221 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(240, 248, 255) }
```



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

```
.border{ border-color:rgb(240, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(240, 248,  
255) }
```

# Background

The CSS property to change the background color of an element to Yxy 92.8801, 0.3036, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 248, 255) }
```

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

```
.background{ background-color: rgb(240,  
248, 255) }
```

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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