

Converting Colors

$Y_{xy}(92.2423, 0.2942, 0.3251)$

Have a look what the booklet for
Yxy(92.2423, 0.2942, 0.3251)
contains.

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Color

Yxy(92.0617, 0.2940, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	E0FBFF
RGB	224, 251, 255
RGB Percent	88%, 98%, 100%
CMY	0.1212, 0.0157, 0.0000
CMYK	0.12, 0.02, 0.00, 0.00
HSL	188°, 100%, 94%
HSV	188°, 12%, 100%
XYZ	83.3061, 92.0617, 107.9862
YIQ	243.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

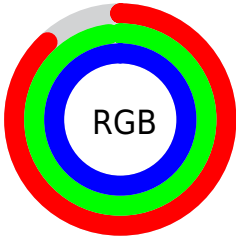
Format	Color
R _Y B	224, 238, 255
Decimal	14744575
CIE Lab	96.85, -7.90, -4.89
CIE LCh	97, 9.292, 211.740
Yxy	92.0617, 0.2940, 0.3249
Android (android.graphics.Color)	4292934655 (0xFFE0FBFF)
YUV	243.3830, 5.7272, -16.9989
Hunter-Lab	95.9488, -12.9305, 0.4358

Details

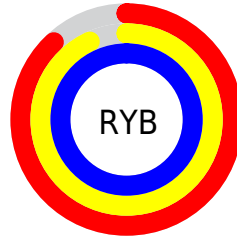
The Yxy color **92.0617, 0.2940, 0.3249** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82.1868, 0.3342, 0.3331**, and the grayscale version is **89.9251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0958, 0.2905, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **86.2393, 0.2792, 0.3212**, and if you desaturate by 10%, it is **98.5389, 0.3094, 0.3283**.

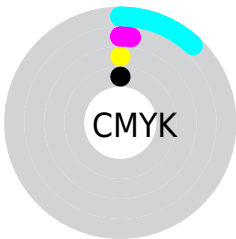
Distribution



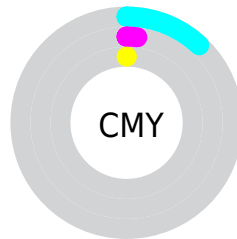
- Red (88%)
- Green (98%)
- Blue (100%)



- Red (88%)
- Yellow (93%)
- Blue (100%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.0617, 0.2940, 0.3249 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 92.0617, 0.2940, 0.3249 by changing the saturation by 10% instead.

 92.0617, 0.2940,
0.3249

 92.0617, 0.2940,
0.3249

534.7149, 0.3023,
0.3268

 69.6919, 0.2922,
0.3245

150.1989, 0.2968,
0.3256

 51.2754, 0.2900,
0.3239


186.7351, 0.2979,
0.3258

 36.4278, 0.2873,
0.3233

228.7621, 0.2989,
0.3260

 24.7648, 0.2839,
0.3224

276.6645, 0.2997,
0.3262

 15.9019, 0.2794,
0.3213

330.8266, 0.3005,
0.3264

 9.4548, 0.2733,
0.3196

391.6327, 0.3011,

 5.0390, 0.2644,

0.3265

0.3171

459.4674, 0.3017,
0.3267

■ 2.2701, 0.2503,
0.3129

■ 0.7578, 0.2138,
0.3072

■ 92.0617, 0.2940,
0.3249

■ 92.0617, 0.2940,
0.3249

■ 86.2393, 0.2792,
0.3212

■ 98.5389, 0.3094,
0.3283

■ 81.0331, 0.2652,
0.3172

100.0000, 0.3127,
0.3290

■ 76.4176, 0.2525,
0.3130

■ 72.3608, 0.2413,
0.3085

■ 68.8279, 0.2318,
0.3040

■ 65.7796, 0.2242,
0.2993

■ 63.1706, 0.2186,
0.2947

■ 60.9464, 0.2148,
0.2901

■ 59.4016, 0.2129,
0.2866

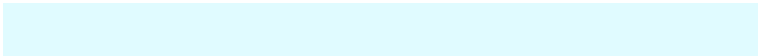
Harmonies

Analogous

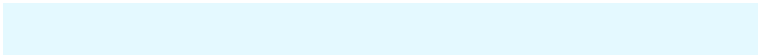
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.0617, 0.3000, 0.3344



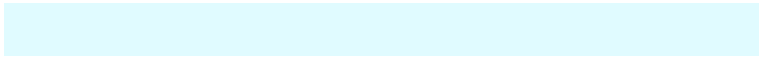
92.0617, 0.2940, 0.3249



92.0617, 0.2930, 0.3168

Triad

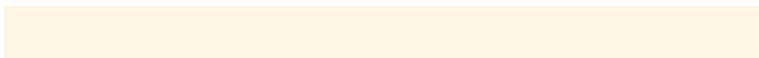
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.0617, 0.2940, 0.3249



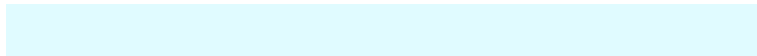
92.0617, 0.3159, 0.3161



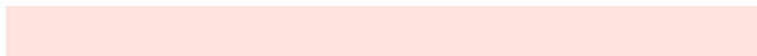
92.0617, 0.3284, 0.3461

Complementary

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



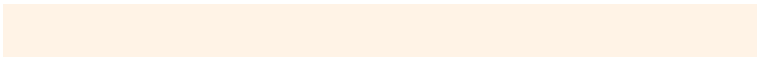
92.0617, 0.2940, 0.3249



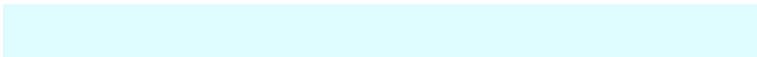
82.1868, 0.3342, 0.3331

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.



92.0617, 0.3329, 0.3409



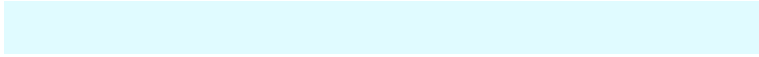
92.0617, 0.2940, 0.3249



92.0617, 0.3255, 0.3236

Square

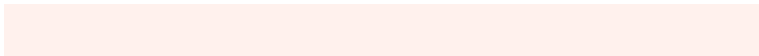
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.0617, 0.2940, 0.3249



92.0617, 0.3055, 0.3119



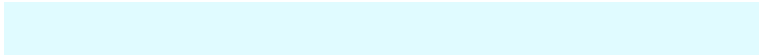
92.0617, 0.3318, 0.3326



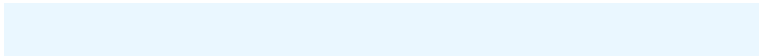
92.0617, 0.3198, 0.3468

Rectangle

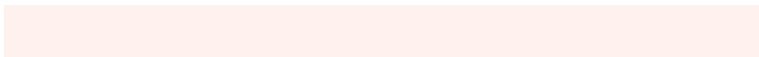
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.0617, 0.2940, 0.3249



92.0617, 0.2952, 0.3132



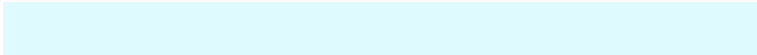
92.0617, 0.3318, 0.3326



92.0617, 0.3305, 0.3448

Sweetspot

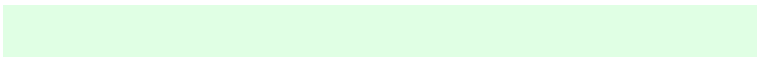
The Sweet Spot groups the original color and five complimentary colors.



92.0655, 0.2940, 0.3249



97.2743, 0.3065, 0.3277



92.9647, 0.3092, 0.3571



20.7135, 0.3053, 0.3275



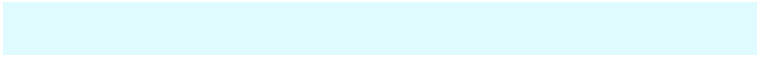
0.0000, 0.0000, 0.0000



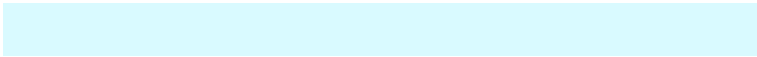
21.4041, 0.3127, 0.3290

Same Dimension

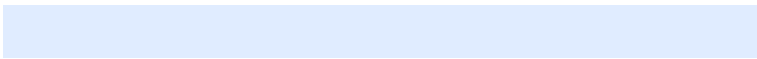
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.0655, 0.2940, 0.3249



90.3250, 0.2897, 0.3239



83.0335, 0.2937, 0.3095



20.0552, 0.2980, 0.3258



31.1958, 0.2132, 0.2873



3.1447, 0.2146, 0.2925

Inverse Universe

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



81.5798, 0.3167, 0.3028



77.6611, 0.3178, 0.2964



90.8363, 0.3323, 0.3478



18.2574, 0.3158, 0.3086



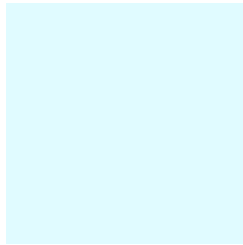
13.8772, 0.3568, 0.1739



1.3620, 0.3521, 0.1713

Previews

White Background



This preview shows how the Yxy color 92.0617, 0.2940, 0.3249 looks on a white background.

Color Contrast Check

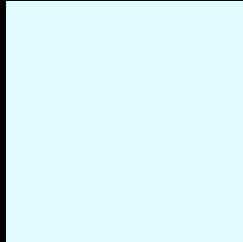
Large Text (above 18pt) WCAG AA × Fail

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 92.0617, 0.2940, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

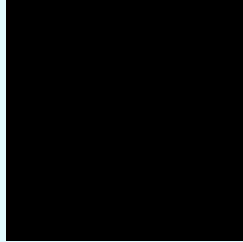
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

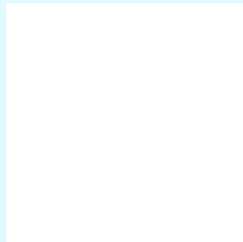
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.0617, 0.2940, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 92.0617, 0.2940, 0.3249.

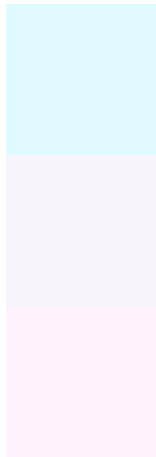


This preview shows how white text looks on a background with the Yxy color 92.0617, 0.2940, 0.3249.

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

92.0617, 0.2940, 0.3249

Protanopia

91.6229, 0.3111, 0.3222

Deuteranopia

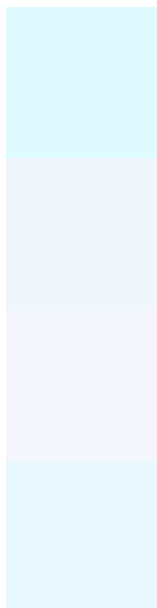
91.7925, 0.3151, 0.3194



Tritanopia

91.9187, 0.3024, 0.3211

Trichromacy



Original Color

92.0617, 0.2940, 0.3249

Protanomaly

91.9005, 0.3047, 0.3240

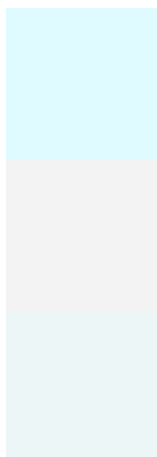
Deuteranomaly

91.6298, 0.3073, 0.3212

Tritanomaly

91.6784, 0.2993, 0.3220

Monochromacy



Original Color

92.0617, 0.2940, 0.3249

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.4598, 0.3058, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0617, 0.2940, 0.3249 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(224, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 251, 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(224, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 251, 255) }
```

Border

The CSS property to change the border of an element to Yxy 92.0617, 0.2940, 0.3249 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(224, 251, 255) }
```

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

```
.border{ border-color:rgb(224, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 251,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0617, 0.2940, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 251, 255) }
```

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

```
.background{ background-color: rgb(224,  
251, 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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