

Converting Colors

Yxy(97.6888, 0.2940, 0.3478)

Have a look what the booklet for
Yxy(97.6888, 0.2940, 0.3478)
contains.

Yxy(92.4087, 0.2936, 0.3393)	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(92.4087, 0.2936, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFF5
RGB	214, 255, 245
RGB Percent	84%, 100%, 96%
CMY	0.1609, 0.0000, 0.0393
CMYK	0.16, 0.00, 0.04, 0.00
HSL	165°, 100%, 92%
HSV	165°, 16%, 100%
XYZ	79.9623, 92.4087, 99.9801
YIQ	241.6010, -21.2260, -11.8020

Conversions

Conversions Part 2

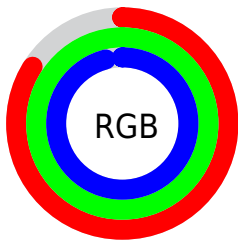
Format	Color
R_{YB}	214, 237, 255
Decimal	14090229
CIE _{Lab}	96.99, -15.00, 0.41
CIE _{LCh}	97, 15.008, 178.426
Y _{xy}	92.4087, 0.2936, 0.3393
Android (android.graphics.Color)	4292280309 (0xFFD6FFF5)
YUV	241.6010, 1.6757, -24.2061
Hunter-Lab	96.1294, -19.7469, 5.6257

Details

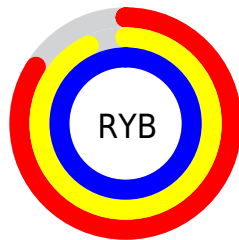
The Yxy color **92.4087, 0.2936, 0.3393** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.7215, 0.3361, 0.3190**, and the grayscale version is **88.4499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4332, 0.2895, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **88.4876, 0.2826, 0.3465**, and if you desaturate by 10%, it is **96.9309, 0.3053, 0.3327**.

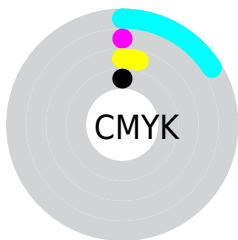
Distribution



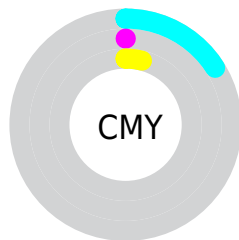
- Red (84%)
- Green (100%)
- Blue (96%)



- Red (84%)
- Yellow (93%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4087, 0.2936, 0.3393 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 92.4087, 0.2936, 0.3393 by changing the saturation by 10% instead.


 92.4087, 0.2936,
0.3393

 92.4087, 0.2936,
0.3393

535.8355, 0.3021,
0.3347

 69.9801, 0.2917,
0.3403


150.6797, 0.2965,
0.3378

 51.5103, 0.2895,
0.3415


187.2910, 0.2976,
0.3371

 36.6149, 0.2867,
0.3430


229.3985, 0.2986,
0.3366

 24.9095, 0.2832,
0.3449

277.3869, 0.2995,
0.3361

 16.0096, 0.2785,
0.3475

331.6403, 0.3002,
0.3357

 9.5310, 0.2721,
0.3510

392.5433, 0.3009,

 5.0891, 0.2627,

0.3354

0.3561

460.4803, 0.3015,
0.3350

■ 2.2996, 0.2478,
0.3642

■ 0.7735, 0.1886,
0.3955

■ 92.4087, 0.2936,
0.3393

■ 92.4087, 0.2936,
0.3393

■ 88.4876, 0.2826,
0.3465


■ 96.9309, 0.3053,
0.3327


■ 85.1580, 0.2725,
0.3543


100.0000, 0.3127,
0.3290


■ 82.3835, 0.2637,
0.3626


■ 80.1314, 0.2566,
0.3714

 78.3650, 0.2512,
0.3804

 77.0431, 0.2479,
0.3896

 76.1174, 0.2465,
0.3989

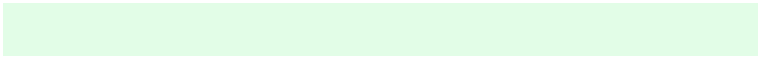
 75.5279, 0.2471,
0.4080

 75.3541, 0.2477,
0.4116

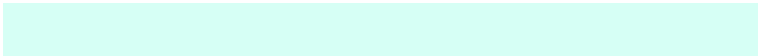
Harmonies

Analogous

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



92.4087, 0.3090, 0.3521



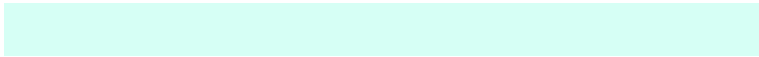
92.4087, 0.2936, 0.3393



92.4087, 0.2834, 0.3238

Triad

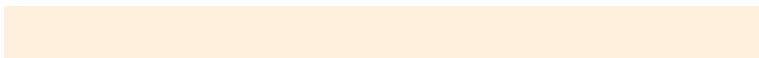
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.4087, 0.2936, 0.3393



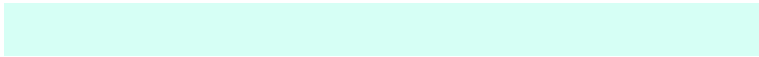
92.4087, 0.2992, 0.3014



92.4087, 0.3456, 0.3466

Complementary

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



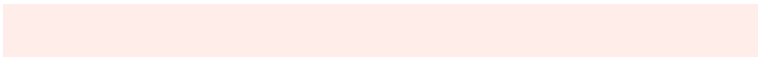
92.4087, 0.2936, 0.3393



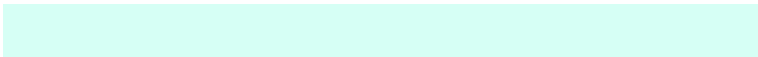
74.7215, 0.3361, 0.3190

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.



92.4087, 0.3429, 0.3330



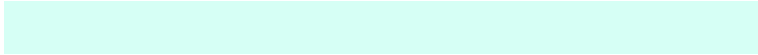
92.4087, 0.2936, 0.3393



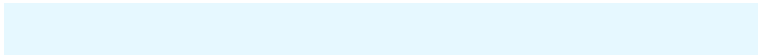
92.4087, 0.3158, 0.3074

Square

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



92.4087, 0.2936, 0.3393



92.4087, 0.2866, 0.3023



92.4087, 0.3319, 0.3188



92.4087, 0.3392, 0.3560

Rectangle

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



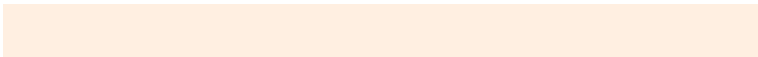
92.4087, 0.2936, 0.3393



92.4087, 0.2808, 0.3143



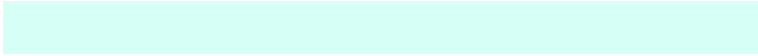
92.4087, 0.3319, 0.3188



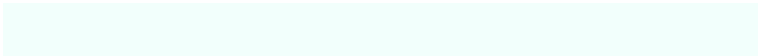
92.4087, 0.3457, 0.3423

Sweetspot

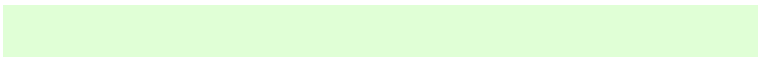
The Sweet Spot groups the original color and five complimentary colors.



92.4026, 0.2936, 0.3393



97.4623, 0.3067, 0.3320



92.2576, 0.3171, 0.3717



20.7874, 0.3058, 0.3325



0.0000, 0.0000, 0.0000



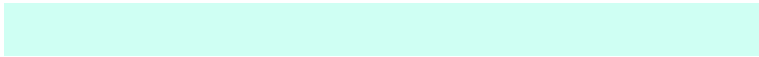
21.4041, 0.3127, 0.3290

Same Dimension

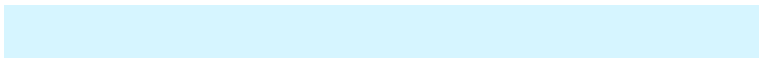
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4026, 0.2936, 0.3393



91.2009, 0.2903, 0.3413



86.6616, 0.2878, 0.3184



20.4011, 0.3013, 0.3349



39.3990, 0.2472, 0.4100



3.8534, 0.2443, 0.3996

Inverse Universe

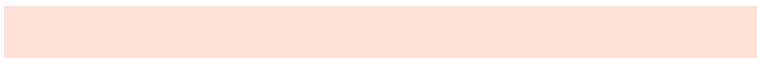
The Inverse Universe completely reimagines the original color for something new.



74.7215, 0.3361, 0.3190



70.7508, 0.3413, 0.3171



79.5484, 0.3417, 0.3394



18.0599, 0.3256, 0.3232



11.3122, 0.5952, 0.3053



1.1178, 0.5639, 0.2880

Previews

White Background



This preview shows how the Yxy color 92.4087, 0.2936, 0.3393 looks on a white background.

Color Contrast Check

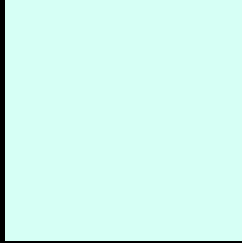
Large Text (above 18pt) WCAG AA × Fail

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 92.4087, 0.2936, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

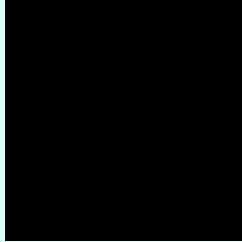
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

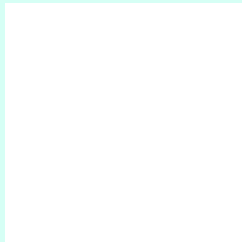
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4087, 0.2936, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 92.4087, 0.2936, 0.3393.

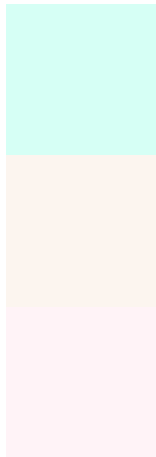


This preview shows how white text looks on a background with the Yxy color 92.4087, 0.2936, 0.3393.

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

92.4087, 0.2936, 0.3393

Protanopia

92.2323, 0.3209, 0.3349

Deuteranopia

92.0766, 0.3181, 0.3252



Tritanopia

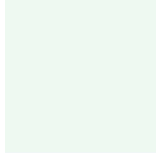
92.3593, 0.3018, 0.3221

Trichromacy



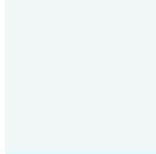
Original Color

92.4087, 0.2936, 0.3393



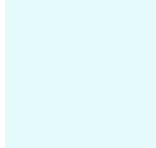
Protanomaly

92.2794, 0.3104, 0.3370



Deuteranomaly

91.7006, 0.3089, 0.3300



Tritanomaly

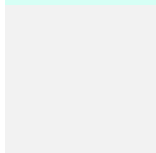
92.6174, 0.2991, 0.3290

Monochromacy



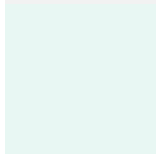
Original Color

92.4087, 0.2936, 0.3393



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.1484, 0.3056, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4087, 0.2936, 0.3393 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(214, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 245)  
}
```

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(214, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 245) }
```

Border

The CSS property to change the border of an element to Yxy 92.4087, 0.2936, 0.3393 is called "border". The border property can be set on classes, ids or directly on the HTML element.

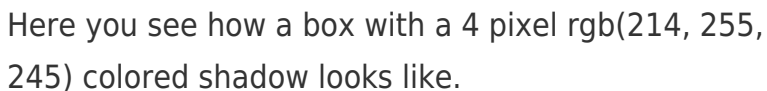
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 255, 245) }
```

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

```
.border{ border-color:rgb(214, 255, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(214, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 255, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 255, 245); box-shadow:4px 4px 4px 4px rgb(214, 255, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4087, 0.2936, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 245) }
```

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

```
.background{ background-color: rgb(214,  
255, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor