

Converting Colors

$Y_{xy}(92.2251, 0.2908, 0.3365)$

Have a look what the booklet for
Yxy(92.2251, 0.2908, 0.3365)
contains.

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Color

Yxy(92.2944, 0.2908, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	D4FFF8
RGB	212, 255, 248
RGB Percent	83%, 100%, 97%
CMY	0.1690, 0.0000, 0.0275
CMYK	0.17, 0.00, 0.03, 0.00
HSL	170°, 100%, 92%
HSV	170°, 17%, 100%
XYZ	79.8311, 92.2944, 102.3968
YIQ	241.3450, -23.3810, -11.2930

Conversions

Conversions Part 2

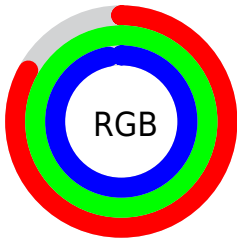
Format	Color
R _Y B	212, 235, 255
Decimal	13959160
CIE Lab	96.94, -15.06, -1.22
CIE LCh	97, 15.109, 184.639
Yxy	92.2944, 0.2908, 0.3362
Android (android.graphics.Color)	4292149240 (0xFFD4FFF8)
YUV	241.3450, 3.2809, -25.7356
Hunter-Lab	96.0700, -19.7946, 4.0543

Details

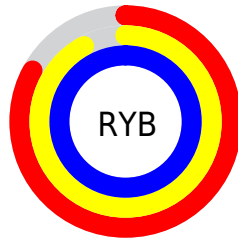
The Yxy color **92.2944, 0.2908, 0.3362** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.4096, 0.3401, 0.3220**, and the grayscale version is **88.2101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3620, 0.2861, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **88.5310, 0.2789, 0.3409**, and if you desaturate by 10%, it is **96.6310, 0.3036, 0.3318**.

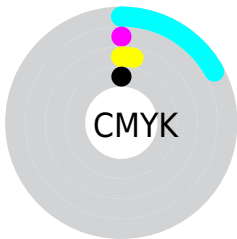
Distribution



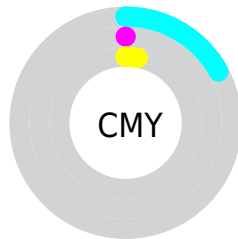
- Red (83%)
- Green (100%)
- Blue (97%)



- Red (83%)
- Yellow (92%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2944, 0.2908, 0.3362 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 92.2944, 0.2908, 0.3362 by changing the saturation by 10% instead.

 92.2944, 0.2908,
0.3362

 92.2944, 0.2908,
0.3362


535.4665, 0.3005,
0.3331

 69.8852, 0.2887,
0.3369


150.5214, 0.2941,
0.3351

 51.4329, 0.2861,
0.3377


187.1079, 0.2954,
0.3347

 36.5533, 0.2829,
0.3387

229.1890, 0.2965,
0.3344

 24.8618, 0.2789,
0.3400

277.1490, 0.2975,
0.3340

 15.9741, 0.2736,
0.3417

331.3724, 0.2984,
0.3337

 9.5058, 0.2663,
0.3439

392.2435, 0.2992,

 5.0726, 0.2558,

0.3335

0.3472

460.1467, 0.2999,
0.3333

■ 2.2899, 0.2391,
0.3522

■ 0.7684, 0.1766,
0.3742

■ 92.2944, 0.2908,
0.3362

■ 92.2944, 0.2908,
0.3362

■ 88.5310, 0.2789,
0.3409


■ 96.6310, 0.3036,
0.3318

■ 85.3590, 0.2681,
0.3461


100.0000, 0.3127,
0.3290

■ 82.7328, 0.2587,
0.3515


■ 80.6192, 0.2510,
0.3572

 78.9814, 0.2452,
0.3630

 77.7779, 0.2413,
0.3689

 76.9596, 0.2395,
0.3748

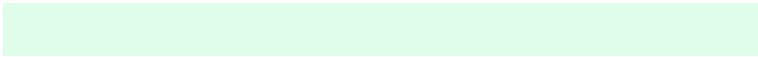
 76.4647, 0.2394,
0.3806

 76.3478, 0.2396,
0.3824

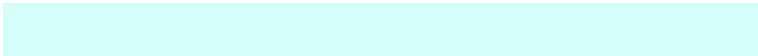
Harmonies

Analogous

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



92.2944, 0.3055, 0.3501



92.2944, 0.2908, 0.3362



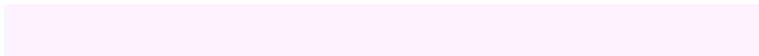
92.2944, 0.2820, 0.3206

Triad

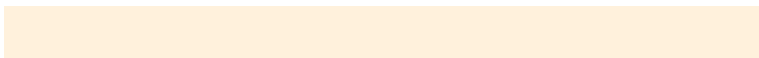
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2944, 0.2908, 0.3362



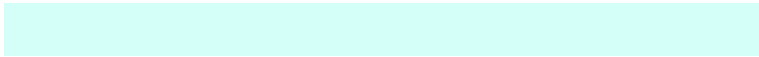
92.2944, 0.3024, 0.3019



92.2944, 0.3452, 0.3491

Complementary

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



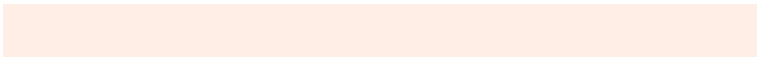
92.2944, 0.2908, 0.3362



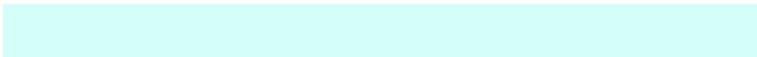
73.4096, 0.3401, 0.3220

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.



92.2944, 0.3445, 0.3360



92.2944, 0.2908, 0.3362



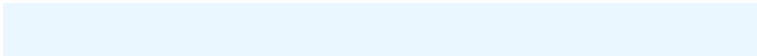
92.2944, 0.3194, 0.3092

Square

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



92.2944, 0.2908, 0.3362



92.2944, 0.2885, 0.3013



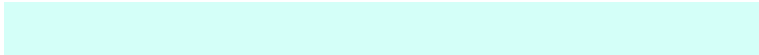
92.2944, 0.3349, 0.3216



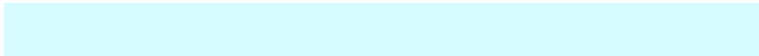
92.2944, 0.3371, 0.3573

Rectangle

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



92.2944, 0.2908, 0.3362



92.2944, 0.2805, 0.3116



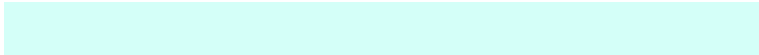
92.2944, 0.3349, 0.3216



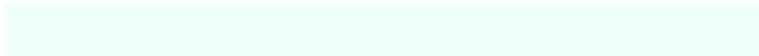
92.2944, 0.3460, 0.3451

Sweetspot

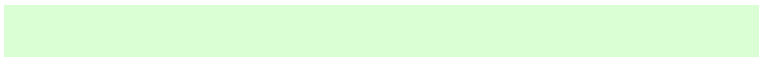
The Sweet Spot groups the original color and five complimentary colors.



92.2789, 0.2908, 0.3362



97.5285, 0.3061, 0.3310



91.3422, 0.3150, 0.3743



20.8035, 0.3051, 0.3313



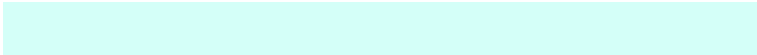
0.0000, 0.0000, 0.0000



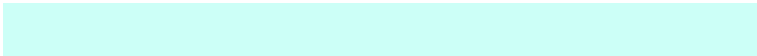
21.4041, 0.3127, 0.3290

Same Dimension

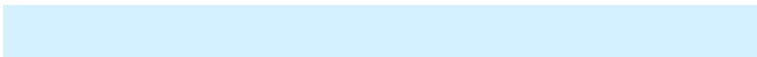
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2789, 0.2908, 0.3362



91.0538, 0.2870, 0.3376



83.8974, 0.2864, 0.3140



20.4276, 0.3002, 0.3329



39.9123, 0.2393, 0.3814



3.8991, 0.2374, 0.3748

Inverse Universe

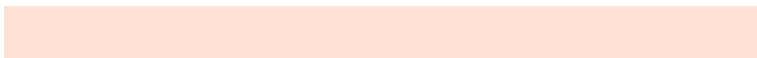
The Inverse Universe completely reimagines the original color for something new.



73.4096, 0.3401, 0.3220



69.2147, 0.3463, 0.3206



80.5481, 0.3428, 0.3435



18.0353, 0.3269, 0.3252



11.2085, 0.6170, 0.3173



1.1044, 0.5893, 0.3020

Previews

White Background



This preview shows how the Yxy color 92.2944, 0.2908, 0.3362 looks on a white background.

Color Contrast Check

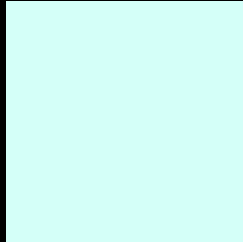
Large Text (above 18pt) WCAG AA × Fail

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 92.2944, 0.2908, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

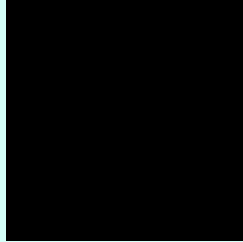
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

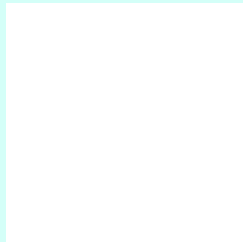
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2944, 0.2908, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 92.2944, 0.2908, 0.3362.

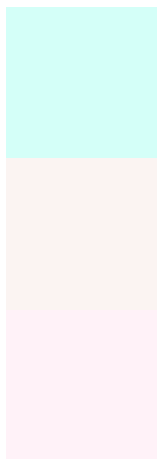


This preview shows how white text looks on a background with the Yxy color 92.2944, 0.2908, 0.3362.

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

92.2944, 0.2908, 0.3362

Protanopia

91.6214, 0.3185, 0.3310

Deuteranopia

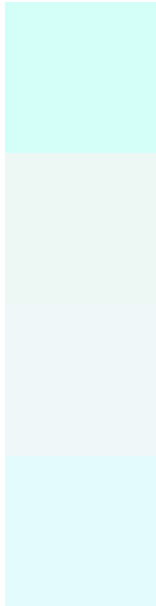
91.5416, 0.3176, 0.3232



Tritanopia

92.1877, 0.3012, 0.3220

Trichromacy



Original Color

92.2944, 0.2908, 0.3362

Protanomaly

91.6710, 0.3081, 0.3330

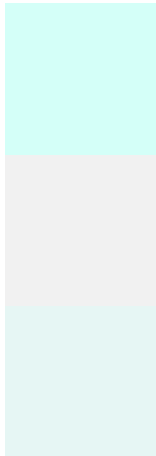
Deuteranomaly

91.6496, 0.3071, 0.3280

Tritanomaly

92.3535, 0.2974, 0.3280

Monochromacy



Original Color

92.2944, 0.2908, 0.3362

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

89.2662, 0.3038, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2944, 0.2908, 0.3362 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(212, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 248)  
}
```

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(212, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 248) }
```

Border

The CSS property to change the border of an element to Yxy 92.2944, 0.2908, 0.3362 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(212, 255, 248) }
```

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

```
.border{ border-color:rgb(212, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2944, 0.2908, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 248) }
```

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

```
.background{ background-color: rgb(212,  
255, 248) }
```

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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