

Converting Colors

$Yxy(92.2110, 0.2983, 0.3467)$

Have a look what the booklet for
Yxy(92.2110, 0.2983, 0.3467)
contains.

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Color

Yxy(92.1401, 0.2980, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	D7FFEE
RGB	215, 255, 238
RGB Percent	84%, 100%, 93%
CMY	0.1567, 0.0000, 0.0668
CMYK	0.16, 0.00, 0.07, 0.00
HSL	154°, 100%, 92%
HSV	154°, 16%, 100%
XYZ	79.2203, 92.1401, 94.4795
YIQ	241.1020, -18.3830, -13.7670

Conversions

Conversions Part 2

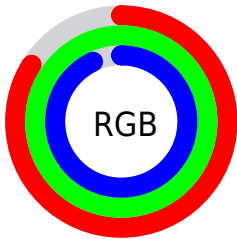
Format	Color
R _Y B	215, 240, 255
Decimal	14155758
CIE Lab	96.88, -15.99, 3.86
CIE LCh	97, 16.453, 166.447
Yxy	92.1401, 0.2980, 0.3466
Android (android.graphics.Color)	4292345838 (0xFFD7FFEE)
YUV	241.1020, -1.5293, -22.8915
Hunter-Lab	95.9896, -20.6657, 8.8355

Details

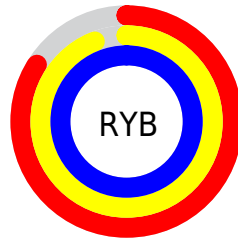
The Yxy color **92.1401, 0.2980, 0.3466** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.7057, 0.3303, 0.3121**, and the grayscale version is **88.0754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2391, 0.2949, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **87.9593, 0.2891, 0.3594**, and if you desaturate by 10%, it is **96.9677, 0.3073, 0.3350**.

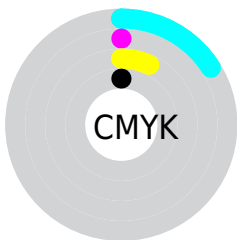
Distribution



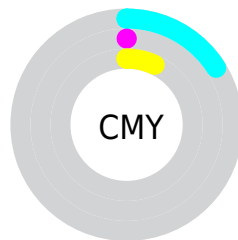
- Red (84%)
- Green (100%)
- Blue (93%)



- Red (84%)
- Yellow (94%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.1401, 0.2980, 0.3466 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 92.1401, 0.2980, 0.3466 by changing the saturation by 10% instead.


 92.1401, 0.2980,
0.3466

 92.1401, 0.2980,
0.3466


534.9682, 0.3046,
0.3387

 69.7570, 0.2965,
0.3484

150.3076, 0.3002,
0.3439

 51.3285, 0.2948,
0.3505


186.8607, 0.3011,
0.3428

 36.4701, 0.2926,
0.3532


228.9060, 0.3019,
0.3419

 24.7975, 0.2898,
0.3566

276.8278, 0.3026,
0.3411

 15.9262, 0.2860,
0.3612

331.0105, 0.3032,
0.3404

 9.4720, 0.2809,
0.3676

391.8386, 0.3037,

 5.0503, 0.2732,

0.3398

0.3771

459.6963, 0.3042,
0.3392

■ 2.2768, 0.2607,
0.3929

■ 0.7614, 0.2015,
0.4603

■ 92.1401, 0.2980,
0.3466

■ 92.1401, 0.2980,
0.3466

■ 87.9593, 0.2891,
0.3594

■ 96.9677, 0.3073,
0.3350

■ 84.3869, 0.2810,
0.3734

100.0000, 0.3127,
0.3290

■ 81.3956, 0.2740,
0.3885

■ 78.9519, 0.2684,
0.4046

■ 77.0190, 0.2644,
0.4212

■ 75.5551, 0.2625,
0.4381

■ 74.5117, 0.2626,
0.4549

■ 73.8288, 0.2648,
0.4711

■ 73.6077, 0.2661,
0.4780

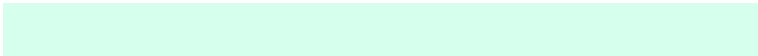
Harmonies

Analogous

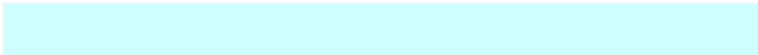
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1401, 0.3160, 0.3582



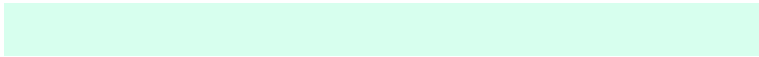
92.1401, 0.2980, 0.3466



92.1401, 0.2842, 0.3300

Triad

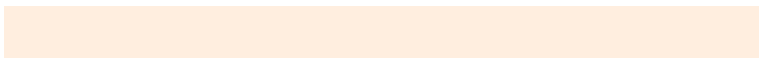
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.1401, 0.2980, 0.3466



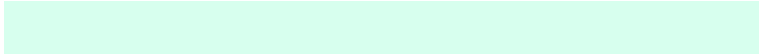
92.1401, 0.2916, 0.2982



92.1401, 0.3489, 0.3426

Complementary

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



92.1401, 0.2980, 0.3466



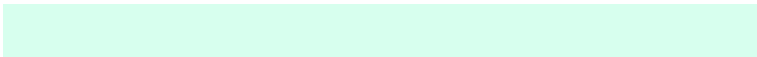
75.7057, 0.3303, 0.3121

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.



92.1401, 0.3420, 0.3270



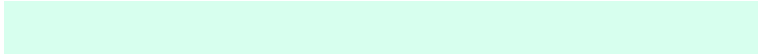
92.1401, 0.2980, 0.3466



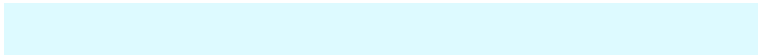
92.1401, 0.3086, 0.3019

Square

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



92.1401, 0.2980, 0.3466



92.1401, 0.2805, 0.3023



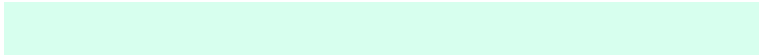
92.1401, 0.3271, 0.3123



92.1401, 0.3457, 0.3552

Rectangle

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



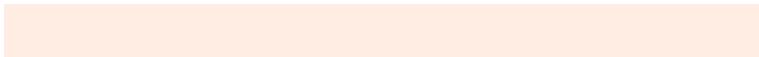
92.1401, 0.2980, 0.3466



92.1401, 0.2790, 0.3189



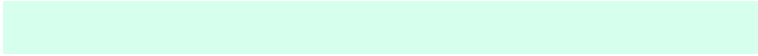
92.1401, 0.3271, 0.3123



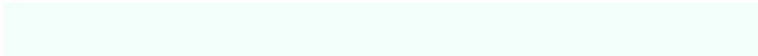
92.1401, 0.3477, 0.3375

Sweetspot

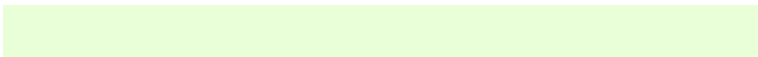
The Sweet Spot groups the original color and five complimentary colors.



92.1434, 0.2980, 0.3466



97.3167, 0.3080, 0.3343



93.6424, 0.3216, 0.3699



20.7519, 0.3073, 0.3351



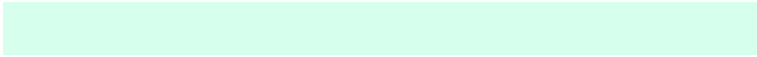
0.0000, 0.0000, 0.0000



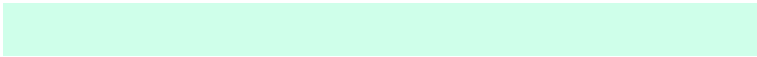
21.4041, 0.3127, 0.3290

Same Dimension

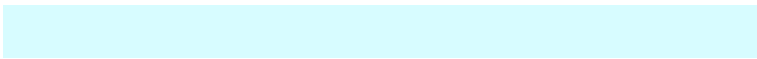
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1434, 0.2980, 0.3466



90.6822, 0.2950, 0.3507



91.5033, 0.2888, 0.3262



20.3430, 0.3037, 0.3393



38.4921, 0.2654, 0.4754



3.7697, 0.2603, 0.4570

Inverse Universe

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



75.7057, 0.3303, 0.3121



71.2241, 0.3347, 0.3083



76.1527, 0.3420, 0.3318



18.1155, 0.3227, 0.3189



11.7097, 0.5277, 0.2681



1.1615, 0.4986, 0.2520

Previews

White Background



This preview shows how the Yxy color 92.1401, 0.2980, 0.3466 looks on a white background.

Color Contrast Check

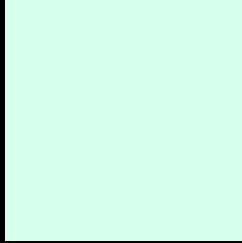
Large Text (above 18pt) WCAG AA × Fail

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 92.1401, 0.2980, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

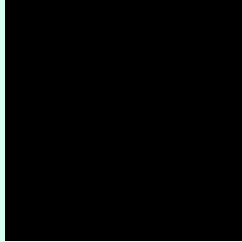
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

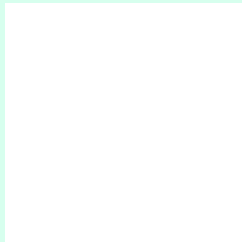
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1401, 0.2980, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 92.1401, 0.2980, 0.3466.

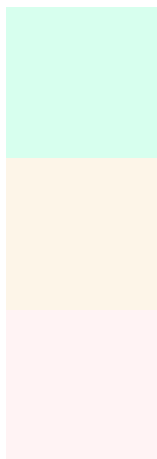


This preview shows how white text looks on a background with the Yxy color 92.1401, 0.2980, 0.3466.

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

92.1401, 0.2980, 0.3466

Protanopia

92.0137, 0.3259, 0.3418

Deuteranopia

91.8928, 0.3199, 0.3281



Tritanopia

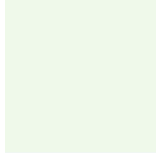
91.7461, 0.3018, 0.3211

Trichromacy



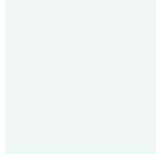
Original Color

92.1401, 0.2980, 0.3466



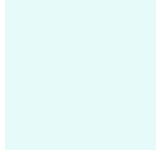
Protanomaly

92.0426, 0.3152, 0.3440



Deuteranomaly

91.4576, 0.3112, 0.3340



Tritanomaly

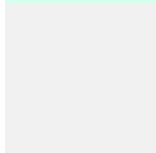
91.8688, 0.3003, 0.3300

Monochromacy



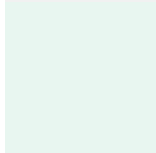
Original Color

92.1401, 0.2980, 0.3466



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3586, 0.3073, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1401, 0.2980, 0.3466 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(215, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 238)  
}
```

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(215, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 238) }
```

Border

The CSS property to change the border of an element to Yxy 92.1401, 0.2980, 0.3466 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(215, 255, 238) }
```

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

```
.border{ border-color:rgb(215, 255, 238) }
```

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

Here you see how a box with a 4 pixel rgb(215, 255, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1401, 0.2980, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 238) }
```

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

```
.background{ background-color: rgb(215,  
255, 238) }
```

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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