

Converting Colors

$Yxy(92.4633, 0.3031, 0.3517)$

Have a look what the booklet for
Yxy(92.4633, 0.3031, 0.3517)
contains.

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Color

Yxy(92.4633, 0.3031, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	DBFFE9
RGB	219, 255, 233
RGB Percent	86%, 100%, 91%
CMY	0.1411, 0.0000, 0.0862
CMYK	0.14, 0.00, 0.09, 0.00
HSL	143°, 100%, 93%
HSV	143°, 14%, 100%
XYZ	79.6862, 92.4633, 90.7544
YIQ	241.7280, -14.3940, -14.4740

Conversions

Conversions Part 2

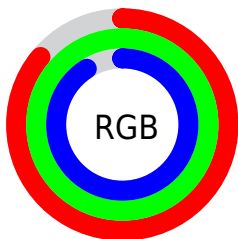
Format	Color
R _Y B	219, 245, 255
Decimal	14417897
CIE Lab	97.01, -15.64, 6.62
CIE LCh	97, 16.987, 157.050
Yxy	92.4633, 0.3031, 0.3517
Android (android.graphics.Color)	4292607977 (0xFFDBFFE9)
YUV	241.7280, -4.3029, -19.9325
Hunter-Lab	96.1578, -20.3530, 11.3522

Details

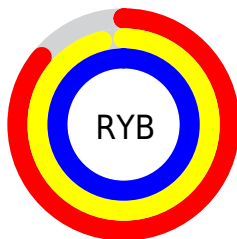
The Yxy color **92.4633, 0.3031, 0.3517** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.2794, 0.3237, 0.3073**, and the grayscale version is **88.6144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4550, 0.3014, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **87.9582, 0.2965, 0.3701**, and if you desaturate by 10%, it is **97.6591, 0.3099, 0.3352**.

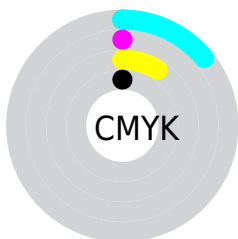
Distribution



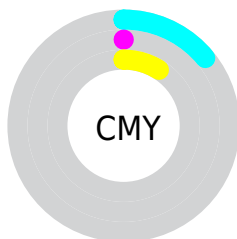
- Red (86%)
- Green (100%)
- Blue (91%)



- Red (86%)
- Yellow (96%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4633, 0.3031, 0.3517 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 92.4633, 0.3031, 0.3517 by changing the saturation by 10% instead.

 92.4633, 0.3031,
0.3517

 92.4633, 0.3031,
0.3517

536.0117, 0.3075,
0.3415

 70.0255, 0.3021,
0.3540


150.7554, 0.3046,
0.3482

 51.5473, 0.3009,
0.3568


187.3784, 0.3052,
0.3468

 36.6444, 0.2994,
0.3603


229.4986, 0.3057,
0.3456

 24.9323, 0.2975,
0.3648

277.5005, 0.3061,
0.3446

 16.0266, 0.2950,
0.3708

331.7683, 0.3065,
0.3437

 9.5430, 0.2913,
0.3792

392.6865, 0.3069,

 5.0970, 0.2859,

0.3428

0.3919

460.6395, 0.3072,
0.3421

■ 2.3043, 0.2768,
0.4130

■ 0.7760, 0.2350,
0.5127

■ 92.4633, 0.3031,
0.3517

■ 92.4633, 0.3031,
0.3517

■ 87.9582, 0.2965,
0.3701

■ 97.6591, 0.3099,
0.3352

■ 84.1047, 0.2904,
0.3905

100.0000, 0.3127,
0.3290

■ 80.8745, 0.2851,
0.4125

■ 78.2330, 0.2809,
0.4358

■ 76.1424, 0.2782,
0.4599

■ 74.5601, 0.2772,
0.4839

■ 73.4372, 0.2782,
0.5070

■ 72.7140, 0.2809,
0.5280

■ 72.4263, 0.2831,
0.5393

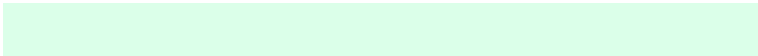
Harmonies

Analogous

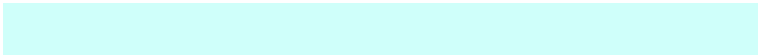
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4633, 0.3221, 0.3612



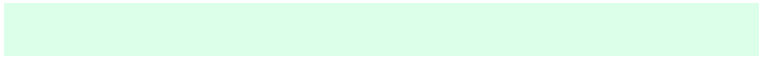
92.4633, 0.3031, 0.3517



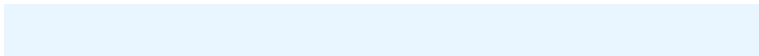
92.4633, 0.2870, 0.3356

Triad

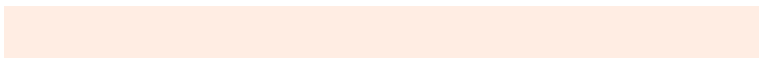
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.4633, 0.3031, 0.3517



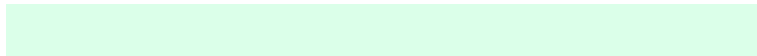
92.4633, 0.2866, 0.2977



92.4633, 0.3489, 0.3380

Complementary

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



92.4633, 0.3031, 0.3517



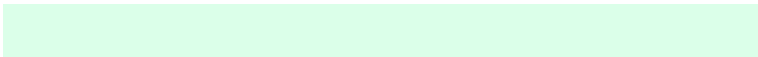
78.2794, 0.3237, 0.3073

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.



92.4633, 0.3388, 0.3219



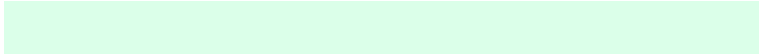
92.4633, 0.3031, 0.3517



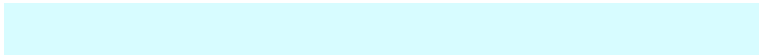
92.4633, 0.3025, 0.2990

Square

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



92.4633, 0.3031, 0.3517



92.4633, 0.2777, 0.3044



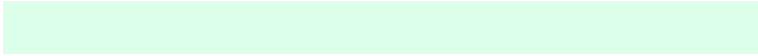
92.4633, 0.3217, 0.3078



92.4633, 0.3489, 0.3525

Rectangle

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



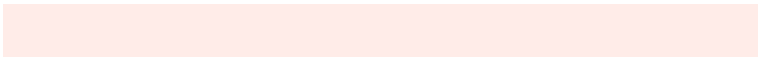
92.4633, 0.3031, 0.3517



92.4633, 0.2800, 0.3238



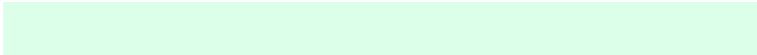
92.4633, 0.3217, 0.3078



92.4633, 0.3466, 0.3326

Sweetspot

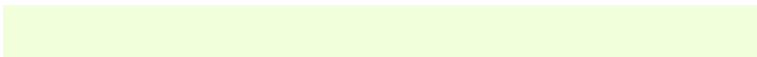
The Sweet Spot groups the original color and five complimentary colors.



92.4665, 0.3031, 0.3517



97.7218, 0.3100, 0.3350



95.3719, 0.3250, 0.3651



20.8275, 0.3095, 0.3362



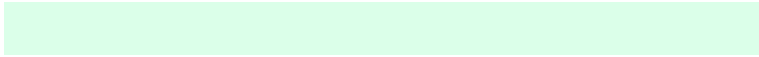
0.0000, 0.0000, 0.0000



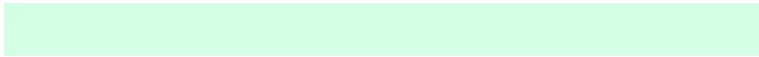
21.4041, 0.3127, 0.3290

Same Dimension

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



92.4665, 0.3031, 0.3517



91.0959, 0.3012, 0.3568



93.5344, 0.2934, 0.3332



20.2853, 0.3062, 0.3439



37.8714, 0.2823, 0.5362



3.7081, 0.2760, 0.5135

Inverse Universe

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



78.2794, 0.3237, 0.3073



74.3524, 0.3263, 0.3027



77.2683, 0.3360, 0.3249



18.1735, 0.3198, 0.3146



12.3882, 0.4501, 0.2253



1.2276, 0.4313, 0.2150

Previews

White Background



This preview shows how the Yxy color 92.4633, 0.3031, 0.3517 looks on a white background.

Color Contrast Check

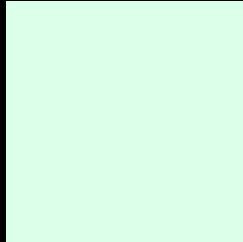
Large Text (above 18pt) WCAG AA × Fail

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 92.4633, 0.3031, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

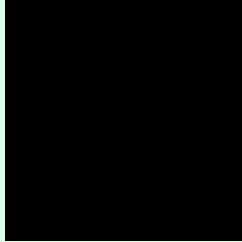
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

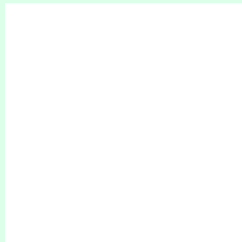
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4633, 0.3031, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 92.4633, 0.3031, 0.3517.

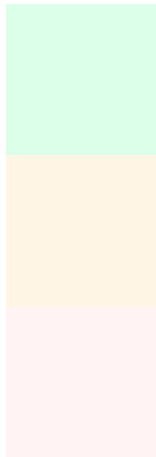


This preview shows how white text looks on a background with the Yxy color 92.4633, 0.3031, 0.3517.

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

92.4633, 0.3031, 0.3517

Protanopia

92.1663, 0.3297, 0.3457

Deuteranopia

91.8322, 0.3206, 0.3290



Tritanopia

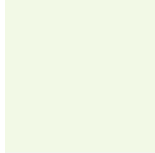
92.0923, 0.3030, 0.3211

Trichromacy



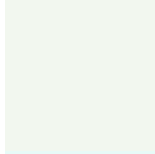
Original Color

92.4633, 0.3031, 0.3517



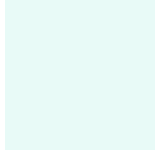
Protanomaly

92.3418, 0.3195, 0.3480



Deuteranomaly

91.6308, 0.3143, 0.3370



Tritanomaly

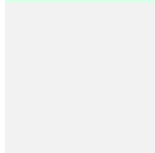
92.2424, 0.3032, 0.3320

Monochromacy



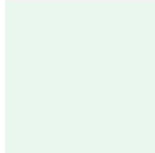
Original Color

92.4633, 0.3031, 0.3517



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.2459, 0.3092, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4633, 0.3031, 0.3517 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(219, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 233)  
}
```

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(219, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 233) }
```

Border

The CSS property to change the border of an element to Yxy 92.4633, 0.3031, 0.3517 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(219, 255, 233) }
```

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

```
.border{ border-color:rgb(219, 255, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 255, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 255, 233); box-shadow:4px 4px 4px 4px rgb(219, 255, 233) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4633, 0.3031, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 233) }
```

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

```
.background{ background-color: rgb(219,  
255, 233) }
```

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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