

Converting Colors

$Y_{xy}(100.0000, 0.3119, 0.3765)$

Have a look what the booklet for
Yxy(100.0000, 0.3119, 0.3765)
contains.

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Color

Yxy(92.3753, 0.3129, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	DFFFDC
RGB	223, 255, 220
RGB Percent	87%, 100%, 86%
CMY	0.1252, 0.0000, 0.1372
CMYK	0.13, 0.00, 0.14, 0.00
HSL	115°, 100%, 93%
HSV	115°, 14%, 100%
XYZ	79.1246, 92.3753, 81.3752
YIQ	241.4420, -7.8370, -17.6690

Conversions

Conversions Part 2

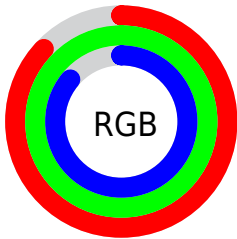
Format	Color
R _Y B	220, 255, 252
Decimal	14680028
CIE Lab	96.97, -16.60, 13.28
CIE LCh	97, 21.258, 141.330
Yxy	92.3753, 0.3129, 0.3653
Android (android.graphics.Color)	4292870108 (0xFFDFFFDC)
YUV	241.4420, -10.5709, -16.1736
Hunter-Lab	96.1121, -21.2453, 17.0794

Details

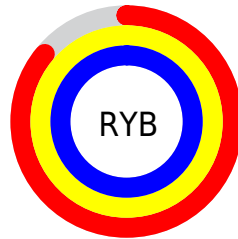
The Yxy color **92.3753, 0.3129, 0.3653** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.0942, 0.3122, 0.2948**, and the grayscale version is **88.4298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4296, 0.3130, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **87.6820, 0.3128, 0.3957**, and if you desaturate by 10%, it is **97.7908, 0.3128, 0.3382**.

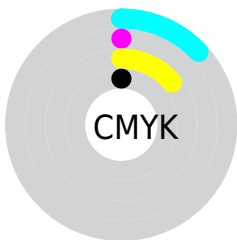
Distribution



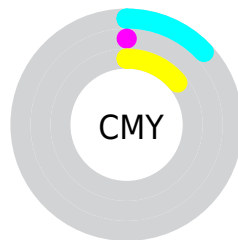
- Red (87%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (99%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3753, 0.3129, 0.3653 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 92.3753, 0.3129, 0.3653 by changing the saturation by 10% instead.

 92.3753, 0.3129,
0.3653

 92.3753, 0.3129,
0.3653


535.7277, 0.3130,
0.3488

 69.9524, 0.3128,
0.3690


150.6334, 0.3130,
0.3596

 51.4877, 0.3127,
0.3735


187.2375, 0.3130,
0.3574

 36.5969, 0.3125,
0.3792


229.3373, 0.3130,
0.3555

 24.8955, 0.3123,
0.3866

277.3174, 0.3130,
0.3538

 15.9993, 0.3118,
0.3964

331.5620, 0.3130,
0.3523

 9.5236, 0.3109,
0.4103

392.4557, 0.3130,

 5.0843, 0.3092,

0.3510

0.4312

460.3828, 0.3130,
0.3499

■ 2.2968, 0.3053,
0.4662

■ 0.7720, 0.2986,
0.7014

■ 92.3753, 0.3129,
0.3653

■ 92.3753, 0.3129,
0.3653

■ 87.6820, 0.3128,
0.3957

■ 97.7908, 0.3128,
0.3382

■ 83.6690, 0.3124,
0.4289

99.9934, 0.3127,
0.3290

■ 80.3083, 0.3116,
0.4640

■ 77.5653, 0.3104,
0.4992

■ 75.4023, 0.3088,
0.5324

■ 73.7773, 0.3069,
0.5607

■ 72.6426, 0.3047,
0.5819

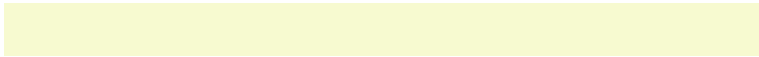
■ 71.9420, 0.3026,
0.5946

■ 71.6870, 0.3015,
0.5988

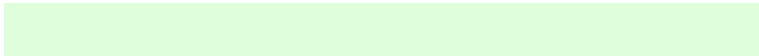
Harmonies

Analogous

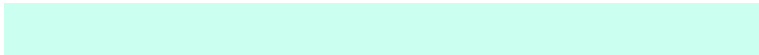
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3753, 0.3361, 0.3710



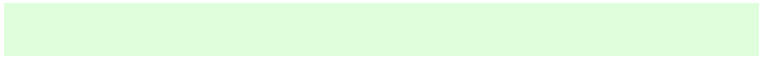
92.3753, 0.3129, 0.3653



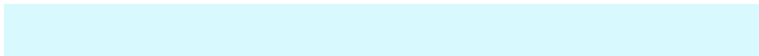
92.3753, 0.2903, 0.3486

Triad

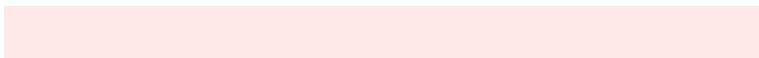
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.3753, 0.3129, 0.3653



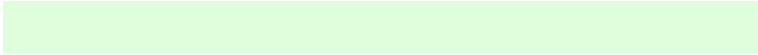
92.3753, 0.2731, 0.2930



92.3753, 0.3529, 0.3294

Complementary

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



92.3753, 0.3129, 0.3653



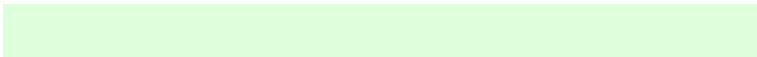
79.0942, 0.3122, 0.2948

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.



92.3753, 0.3348, 0.3103



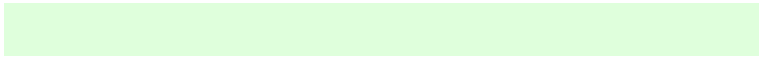
92.3753, 0.3129, 0.3653



92.3753, 0.2886, 0.2897

Square

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



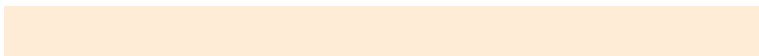
92.3753, 0.3129, 0.3653



92.3753, 0.2678, 0.3062



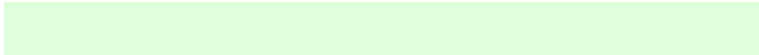
92.3753, 0.3111, 0.2960



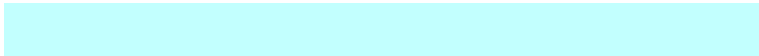
92.3753, 0.3598, 0.3492

Rectangle

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



92.3753, 0.3129, 0.3653



92.3753, 0.2784, 0.3340



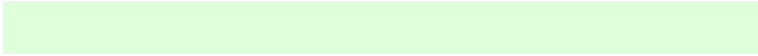
92.3753, 0.3111, 0.2960



92.3753, 0.3479, 0.3228

Sweetspot

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



92.3793, 0.3129, 0.3653



97.6373, 0.3128, 0.3389



95.7278, 0.3338, 0.3598



20.8061, 0.3128, 0.3409



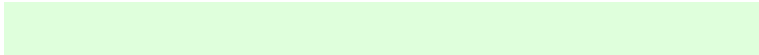
0.0000, 0.0000, 0.0000



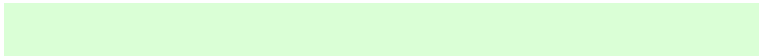
21.4041, 0.3127, 0.3290

Same Dimension

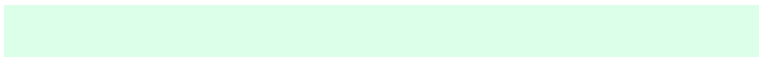
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3793, 0.3129, 0.3653



91.2540, 0.3129, 0.3719



92.6711, 0.3032, 0.3506



20.2439, 0.3129, 0.3535



37.4871, 0.3019, 0.5985



3.6746, 0.3060, 0.5952

Inverse Universe

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



79.0942, 0.3122, 0.2948



76.0051, 0.3121, 0.2889



78.8001, 0.3236, 0.3083



18.2150, 0.3124, 0.3055



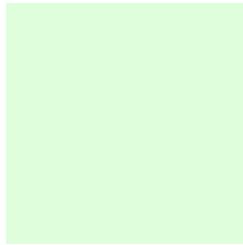
12.8350, 0.2990, 0.1421



1.2724, 0.3017, 0.1435

Previews

White Background



This preview shows how the Yxy color 92.3753, 0.3129, 0.3653 looks on a white background.

Color Contrast Check

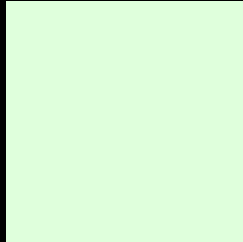
Large Text (above 18pt) WCAG AA × Fail

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 92.3753, 0.3129, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

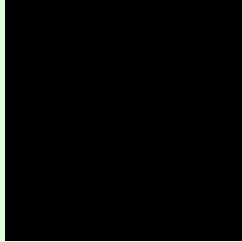
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

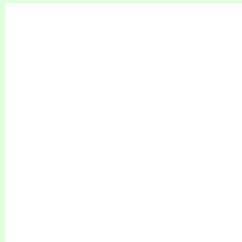
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3753, 0.3129, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 92.3753, 0.3129, 0.3653.

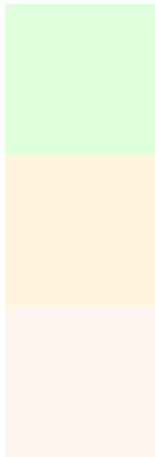


This preview shows how white text looks on a background with the Yxy color 92.3753, 0.3129, 0.3653.

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

92.3753, 0.3129, 0.3653

Protanopia

91.8387, 0.3334, 0.3517

Deuteranopia

92.2526, 0.3223, 0.3329



Tritanopia

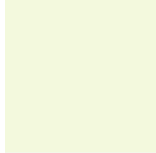
92.2668, 0.3036, 0.3211

Trichromacy



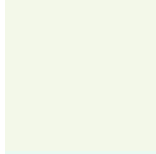
Original Color

92.3753, 0.3129, 0.3653



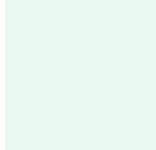
Protanomaly

92.0265, 0.3256, 0.3572



Deuteranomaly

92.0727, 0.3184, 0.3440



Tritanomaly

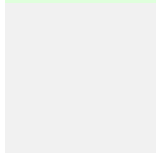
92.2744, 0.3073, 0.3370

Monochromacy



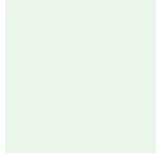
Original Color

92.3753, 0.3129, 0.3653



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.2872, 0.3127, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3753, 0.3129, 0.3653 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(223, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 220)  
}
```

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(223, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 220) }
```

Border

The CSS property to change the border of an element to Yxy 92.3753, 0.3129, 0.3653 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(223, 255, 220) }
```

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

```
.border{ border-color:rgb(223, 255, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3753, 0.3129, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 220) }
```

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

```
.background{ background-color: rgb(223,  
255, 220) }
```

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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