

Converting Colors

Yxy(92.3507, 0.3120, 0.3643)

Have a look what the booklet for
Yxy(92.3507, 0.3120, 0.3643)
contains.

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Color

Yxy(92.4284, 0.3123, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	DFFFDD
RGB	223, 255, 221
RGB Percent	87%, 100%, 87%
CMY	0.1256, 0.0000, 0.1334
CMYK	0.13, 0.00, 0.13, 0.00
HSL	116°, 100%, 93%
HSV	116°, 13%, 100%
XYZ	79.2352, 92.4284, 82.0515
YIQ	241.5560, -8.1580, -17.3580

Conversions

Conversions Part 2

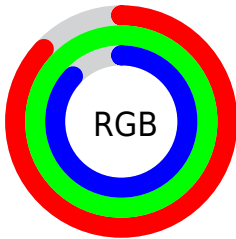
Format	Color
R _Y B	221, 255, 253
Decimal	14680029
CIE Lab	97.00, -16.47, 12.82
CIE LCh	97, 20.872, 142.109
Yxy	92.4284, 0.3123, 0.3643
Android (android.graphics.Color)	4292870109 (0xFFDFFFDD)
YUV	241.5560, -10.1341, -16.2736
Hunter-Lab	96.1397, -21.1305, 16.6961

Details

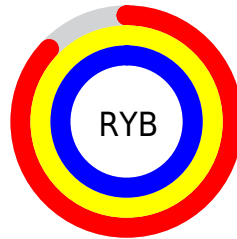
The Yxy color **92.4284, 0.3123, 0.3643** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.8003, 0.3129, 0.2958**, and the grayscale version is **88.5028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4662, 0.3123, 0.3718** is the 20% darker color. If you saturate the color by 10%, you get **87.6220, 0.3118, 0.3947**, and if you desaturate by 10%, it is **97.9730, 0.3126, 0.3373**.

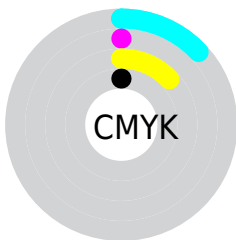
Distribution



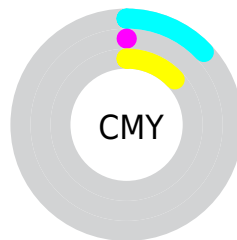
- Red (87%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (99%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4284, 0.3123, 0.3643 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 92.4284, 0.3123, 0.3643 by changing the saturation by 10% instead.


 92.4284, 0.3123,
0.3643

 92.4284, 0.3123,
0.3643

535.8991, 0.3127,
0.3483

 69.9965, 0.3122,
0.3679


150.7070, 0.3125,
0.3588

 51.5237, 0.3120,
0.3723


187.3225, 0.3125,
0.3566

 36.6256, 0.3118,
0.3778


229.4347, 0.3126,
0.3548

 24.9177, 0.3114,
0.3850

277.4279, 0.3126,
0.3531

 16.0158, 0.3108,
0.3945

331.6865, 0.3126,
0.3517

 9.5353, 0.3098,
0.4080

392.5950, 0.3126,

 5.0920, 0.3079,

0.3504

0.4283

460.5377, 0.3127,
0.3493

■ 2.3013, 0.3037,
0.4623

■ 0.7744, 0.3013,
0.6987

■ 92.4284, 0.3123,
0.3643

■ 92.4284, 0.3123,
0.3643

■ 87.6220, 0.3118,
0.3947


■ 97.9730, 0.3126,
0.3373


■ 83.5344, 0.3110,
0.4280

100.0000, 0.3127,
0.3290


■ 80.1272, 0.3099,
0.4633


■ 77.3635, 0.3085,
0.4989

 75.2028, 0.3069,
0.5324

 73.5998, 0.3051,
0.5610

 72.5033, 0.3033,
0.5823

 71.8520, 0.3017,
0.5950

 71.6220, 0.3009,
0.5993

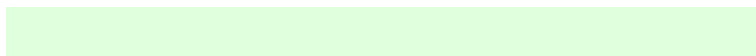
Harmonies

Analogous

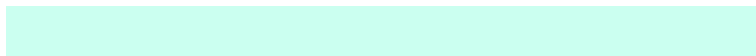
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4284, 0.3351, 0.3702



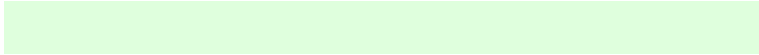
92.4284, 0.3123, 0.3643



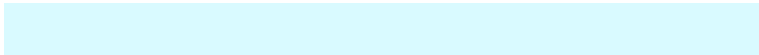
92.4284, 0.2902, 0.3477

Triad

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



92.4284, 0.3123, 0.3643



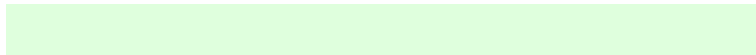
92.4284, 0.2741, 0.2935



92.4284, 0.3525, 0.3300

Complementary

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



92.4284, 0.3123, 0.3643



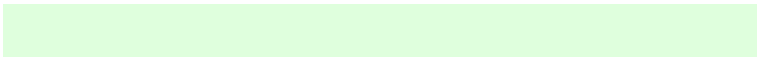
79.8003, 0.3129, 0.2958

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.



92.4284, 0.3350, 0.3111



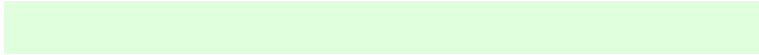
92.4284, 0.3123, 0.3643



92.4284, 0.2896, 0.2904

Square

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



92.4284, 0.3123, 0.3643



92.4284, 0.2686, 0.3061



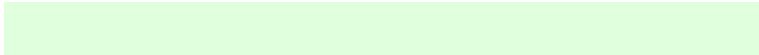
92.4284, 0.3118, 0.2969



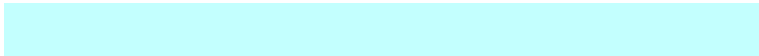
92.4284, 0.3589, 0.3493

Rectangle

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



92.4284, 0.3123, 0.3643



92.4284, 0.2787, 0.3334



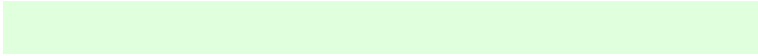
92.4284, 0.3118, 0.2969



92.4284, 0.3477, 0.3234

Sweetspot

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



92.4242, 0.3123, 0.3643



97.5852, 0.3126, 0.3389



96.5603, 0.3331, 0.3600



20.7930, 0.3126, 0.3409



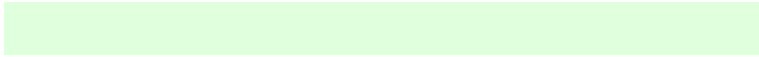
0.0000, 0.0000, 0.0000



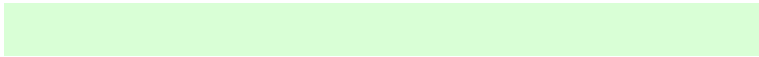
21.4041, 0.3127, 0.3290

Same Dimension

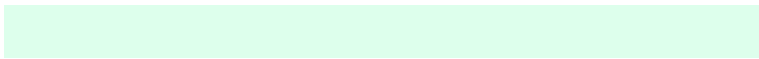
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4242, 0.3123, 0.3643



91.0770, 0.3122, 0.3720



92.9279, 0.3028, 0.3488



20.2193, 0.3125, 0.3535



37.4439, 0.3012, 0.5990



3.6629, 0.3041, 0.5968

Inverse Universe

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



79.8003, 0.3129, 0.2958



76.2206, 0.3129, 0.2890



79.2657, 0.3240, 0.3100



18.2426, 0.3129, 0.3055



13.4714, 0.3061, 0.1460



1.3276, 0.3079, 0.1470

Previews

White Background



This preview shows how the Yxy color 92.4284, 0.3123, 0.3643 looks on a white background.

Color Contrast Check

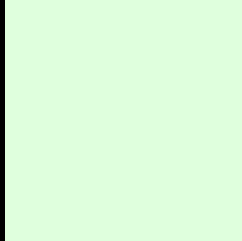
Large Text (above 18pt) WCAG AA × Fail

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 92.4284, 0.3123, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

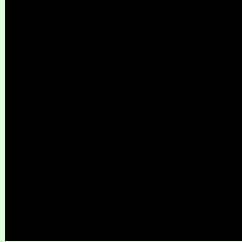
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

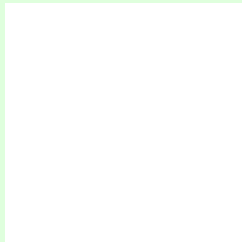
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4284, 0.3123, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 92.4284, 0.3123, 0.3643.

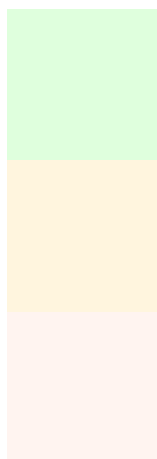


This preview shows how white text looks on a background with the Yxy color 92.4284, 0.3123, 0.3643.

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

92.4284, 0.3123, 0.3643

Protanopia

91.8387, 0.3334, 0.3517

Deuteranopia

92.2526, 0.3223, 0.3329

Tritanopia

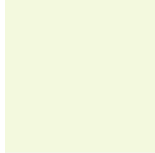
92.2668, 0.3036, 0.3211

Trichromacy



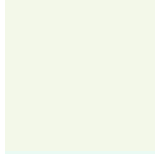
Original Color

92.4284, 0.3123, 0.3643



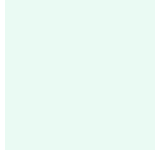
Protanomaly

92.0800, 0.3250, 0.3561



Deuteranomaly

92.0727, 0.3184, 0.3440



Tritanomaly

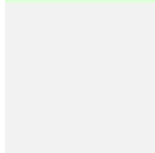
92.3347, 0.3067, 0.3360

Monochromacy



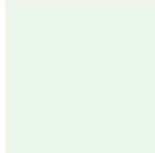
Original Color

92.4284, 0.3123, 0.3643



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.1242, 0.3127, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4284, 0.3123, 0.3643 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 221) }
```

Border

The CSS property to change the border of an element to Yxy 92.4284, 0.3123, 0.3643 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, 221) }
```

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

```
.border{ border-color:rgb(223, 255, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4284, 0.3123, 0.3643 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, 221) }
```

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

```
.background{ background-color: rgb(223,  
255, 221) }
```

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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