

Converting Colors

$Y_{xy}(100.0000, 0.3115, 0.3737)$

Have a look what the booklet for
Yxy(100.0000, 0.3115, 0.3737)
contains.

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Color

Yxy(92.6412, 0.3123, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	E0FFDE
RGB	224, 255, 222
RGB Percent	88%, 100%, 87%
CMY	0.1217, 0.0000, 0.1292
CMYK	0.12, 0.00, 0.13, 0.00
HSL	117°, 100%, 94%
HSV	117°, 13%, 100%
XYZ	79.6801, 92.6412, 82.8183
YIQ	241.9690, -7.8830, -16.8350

Conversions

Conversions Part 2

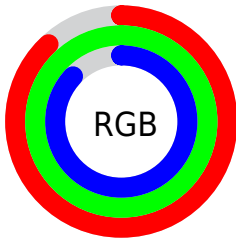
Format	Color
R _Y B	222, 255, 253
Decimal	14745566
CIE _{Lab}	97.08, -15.97, 12.40
CIE _{LCh}	97, 20.218, 142.159
Y _{xy}	92.6412, 0.3123, 0.3631
Android (android.graphics.Color)	4292935646 (0xFFE0FFDE)
YUV	241.9690, -9.8447, -15.7588
Hunter-Lab	96.2503, -20.6681, 16.3593

Details

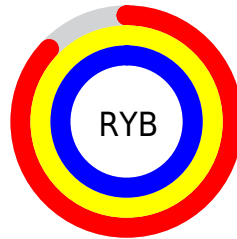
The Yxy color **92.6412, 0.3123, 0.3631** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.3840, 0.3129, 0.2969**, and the grayscale version is **88.8445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.6132, 0.3123, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **87.8017, 0.3118, 0.3933**, and if you desaturate by 10%, it is **98.2213, 0.3126, 0.3362**.

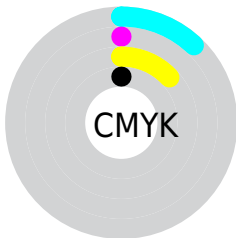
Distribution



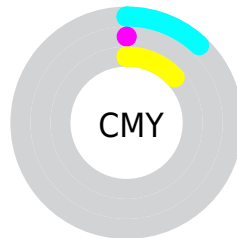
- Red (88%)
- Green (100%)
- Blue (87%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)




- Cyan (12%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6412, 0.3123, 0.3631 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 92.6412, 0.3123, 0.3631 by changing the saturation by 10% instead.

 92.6412, 0.3123,
0.3631

 92.6412, 0.3123,
0.3631

536.5856, 0.3127,
0.3476

 70.1733, 0.3122,
0.3666

151.0018, 0.3125,
0.3578

 51.6678, 0.3120,
0.3708


187.6632, 0.3125,
0.3557

 36.7404, 0.3118,
0.3761


229.8247, 0.3126,
0.3539

 25.0065, 0.3114,
0.3830

277.8706, 0.3126,
0.3523

 16.0819, 0.3109,
0.3922

332.1852, 0.3126,
0.3510

 9.5821, 0.3099,
0.4051

393.1530, 0.3126,

 5.1228, 0.3082,

0.3497

0.4246

461.1583, 0.3126,
0.3486

■ 2.3195, 0.3043,
0.4572

■ 0.7840, 0.3119,
0.6881

■ 92.6412, 0.3123,
0.3631

■ 92.6412, 0.3123,
0.3631

■ 87.8017, 0.3118,
0.3933

■ 98.2213, 0.3126,
0.3362

■ 83.6833, 0.3110,
0.4266

100.0000, 0.3127,
0.3290

■ 80.2476, 0.3099,
0.4619

■ 77.4578, 0.3085,
0.4975

■ 75.2734, 0.3069,
0.5311

■ 73.6494, 0.3051,
0.5600

■ 72.5345, 0.3033,
0.5816

■ 71.8680, 0.3017,
0.5947

■ 71.6201, 0.3009,
0.5993

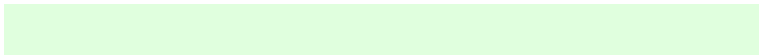
Harmonies

Analogous

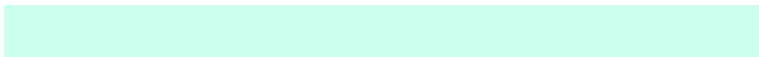
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6412, 0.3344, 0.3689



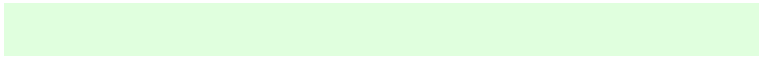
92.6412, 0.3123, 0.3631



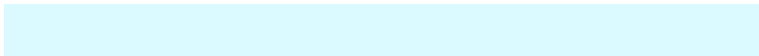
92.6412, 0.2909, 0.3471

Triad

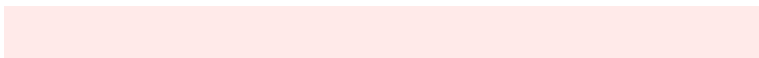
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.6412, 0.3123, 0.3631



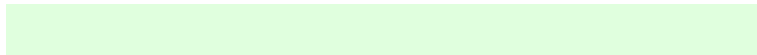
92.6412, 0.2753, 0.2946



92.6412, 0.3512, 0.3300

Complementary

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



92.6412, 0.3123, 0.3631



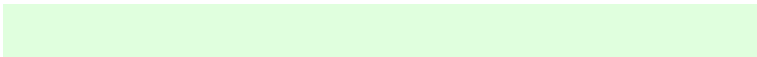
80.3840, 0.3129, 0.2969

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.



92.6412, 0.3343, 0.3117



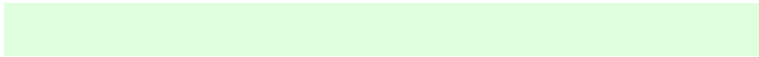
92.6412, 0.3123, 0.3631



92.6412, 0.2904, 0.2916

Square

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



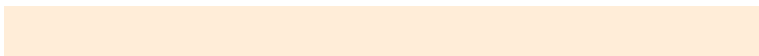
92.6412, 0.3123, 0.3631



92.6412, 0.2700, 0.3069



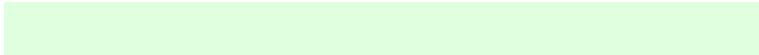
92.6412, 0.3119, 0.2979



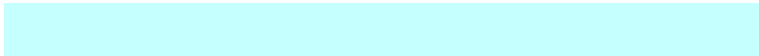
92.6412, 0.3574, 0.3487

Rectangle

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



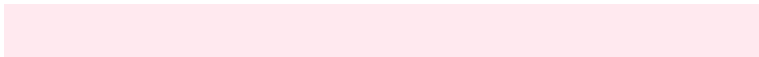
92.6412, 0.3123, 0.3631



92.6412, 0.2797, 0.3332



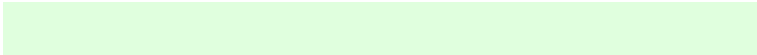
92.6412, 0.3119, 0.2979



92.6412, 0.3466, 0.3236

Sweetspot

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



92.6371, 0.3123, 0.3631



97.5836, 0.3126, 0.3389



96.6624, 0.3324, 0.3590



20.7926, 0.3126, 0.3409



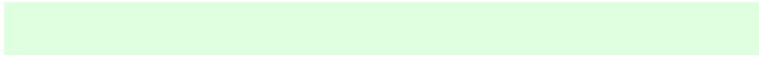
0.0000, 0.0000, 0.0000



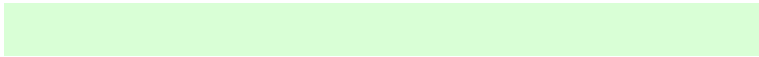
21.4041, 0.3127, 0.3290

Same Dimension

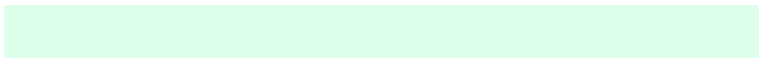
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.6371, 0.3123, 0.3631



91.0715, 0.3122, 0.3720



93.1315, 0.3031, 0.3481



20.2185, 0.3124, 0.3535



37.4427, 0.3012, 0.5991



3.6626, 0.3040, 0.5968

Inverse Universe

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



80.3840, 0.3129, 0.2969



76.2273, 0.3129, 0.2890



79.8597, 0.3236, 0.3106



18.2434, 0.3129, 0.3055



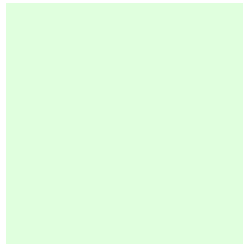
13.4915, 0.3064, 0.1461



1.3293, 0.3081, 0.1471

Previews

White Background



This preview shows how the Yxy color 92.6412, 0.3123, 0.3631 looks on a white background.

Color Contrast Check

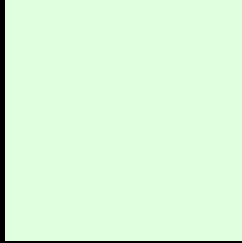
Large Text (above 18pt) WCAG AA × Fail

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 92.6412, 0.3123, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

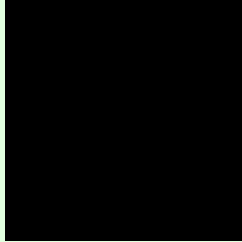
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

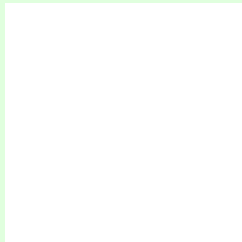
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6412, 0.3123, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 92.6412, 0.3123, 0.3631.

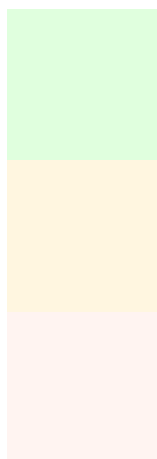


This preview shows how white text looks on a background with the Yxy color 92.6412, 0.3123, 0.3631.

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

92.6412, 0.3123, 0.3631

Protanopia

92.5534, 0.3320, 0.3506

Deuteranopia

92.3122, 0.3217, 0.3319

Tritanopia

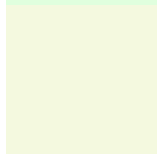
92.4423, 0.3043, 0.3211

Trichromacy



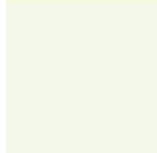
Original Color

92.6412, 0.3123, 0.3631



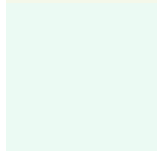
Protanomaly

92.3122, 0.3250, 0.3551



Deuteranomaly

92.3084, 0.3185, 0.3429



Tritanomaly

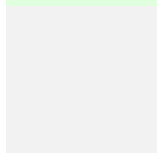
92.5044, 0.3074, 0.3360

Monochromacy



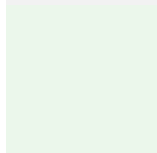
Original Color

92.6412, 0.3123, 0.3631



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.1819, 0.3121, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6412, 0.3123, 0.3631 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(224, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 222)  
}
```

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(224, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 222) }
```

Border

The CSS property to change the border of an element to Yxy 92.6412, 0.3123, 0.3631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

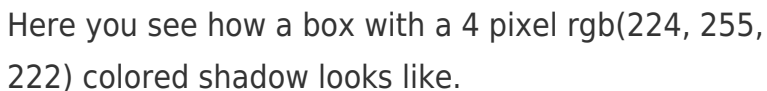
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 255, 222) }
```

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

```
.border{ border-color:rgb(224, 255, 222) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 255, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 255, 222); box-shadow:4px 4px 4px 4px rgb(224, 255, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6412, 0.3123, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 222) }
```

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

```
.background{ background-color: rgb(224,  
255, 222) }
```

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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