

Converting Colors

Yxy(93.1616, 0.3145, 0.3631)

Have a look what the booklet for
Yxy(93.1616, 0.3145, 0.3631)
contains.

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Color

Yxy(93.1248, 0.3142, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFDE
RGB	227, 255, 222
RGB Percent	89%, 100%, 87%
CMY	0.1098, 0.0000, 0.1292
CMYK	0.11, 0.00, 0.13, 0.00
HSL	111°, 100%, 94%
HSV	111°, 13%, 100%
XYZ	80.6278, 93.1248, 82.8603
YIQ	242.8660, -6.0950, -16.1990

Conversions

Conversions Part 2

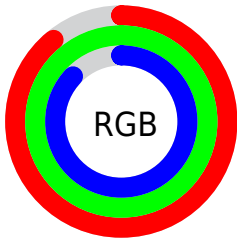
Format	Color
RYB	222, 255, 250
Decimal	14942174
CIELab	97.28, -14.95, 12.71
CIELCh	97, 19.624, 139.630
Yxy	93.1248, 0.3142, 0.3629
Android (android.graphics.Color)	4293132254 (0xFFE3FFDE)
YUV	242.8660, -10.2869, -13.9145
Hunter-Lab	96.5012, -19.7385, 16.6418

Details

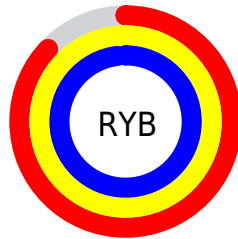
The Yxy color **93.1248, 0.3142, 0.3629** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.8158, 0.3108, 0.2967**, and the grayscale version is **89.6062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8361, 0.3139, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **88.5578, 0.3151, 0.3927**, and if you desaturate by 10%, it is **98.3469, 0.3131, 0.3362**.

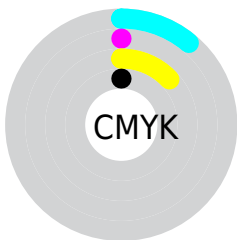
Distribution



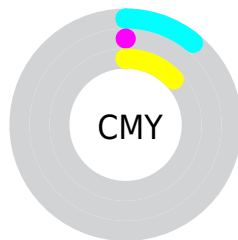
- Red (89%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (98%)



- Cyan (11%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.1248, 0.3142, 0.3629 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 93.1248, 0.3142, 0.3629 by changing the saturation by 10% instead.

 93.1248, 0.3142,
0.3629

 93.1248, 0.3142,
0.3629


538.1441, 0.3137,
0.3476

 70.5752, 0.3143,
0.3663

151.6714, 0.3141,
0.3576

 51.9956, 0.3143,
0.3705


188.4372, 0.3140,
0.3556

 37.0016, 0.3144,
0.3758


230.7105, 0.3139,
0.3538

 25.2087, 0.3144,
0.3826

278.8758, 0.3139,
0.3522

 16.2326, 0.3143,
0.3916

333.3174, 0.3138,
0.3509

 9.6889, 0.3140,
0.4043

394.4197, 0.3138,

 5.1932, 0.3133,

0.3496

0.4234

462.5672, 0.3138,
0.3485

■ 2.3611, 0.3110,
0.4552

■ 0.8057, 0.3322,
0.6678

■ 93.1248, 0.3142,
0.3629

■ 93.1248, 0.3142,
0.3629

■ 88.5578, 0.3151,
0.3927

■ 98.3469, 0.3131,
0.3362

■ 84.6125, 0.3156,
0.4252

100.0000, 0.3127,
0.3290

■ 81.2642, 0.3156,
0.4596

■ 78.4834, 0.3150,
0.4942

■ 76.2381, 0.3137,
0.5271

■ 74.4933, 0.3115,
0.5556

■ 73.2092, 0.3088,
0.5776

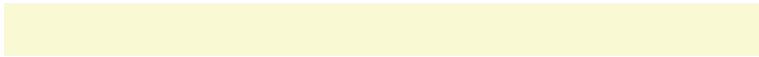
■ 72.3400, 0.3056,
0.5916

■ 71.9393, 0.3036,
0.5972

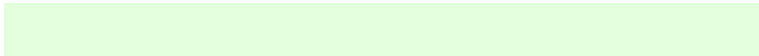
Harmonies

Analogous

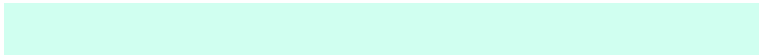
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1248, 0.3354, 0.3676



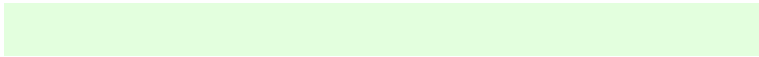
93.1248, 0.3142, 0.3629



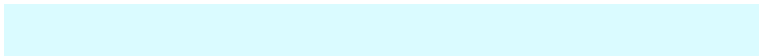
93.1248, 0.2931, 0.3481

Triad

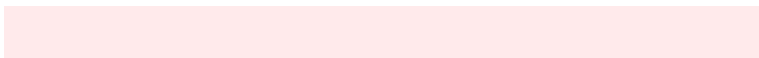
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.1248, 0.3142, 0.3629



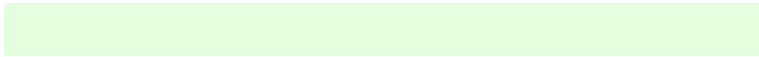
93.1248, 0.2756, 0.2963



93.1248, 0.3490, 0.3284

Complementary

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



93.1248, 0.3142, 0.3629



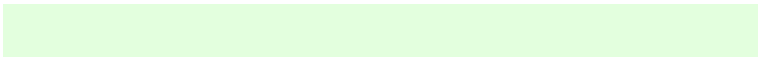
79.8158, 0.3108, 0.2967

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.



93.1248, 0.3319, 0.3109



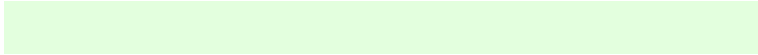
93.1248, 0.3142, 0.3629



93.1248, 0.2895, 0.2926

Square

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



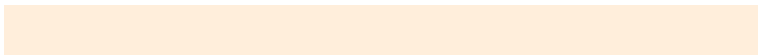
93.1248, 0.3142, 0.3629



93.1248, 0.2713, 0.3090



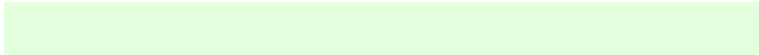
93.1248, 0.3100, 0.2980



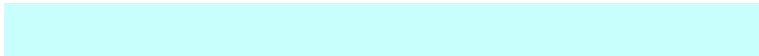
93.1248, 0.3560, 0.3467

Rectangle

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



93.1248, 0.3142, 0.3629



93.1248, 0.2819, 0.3348



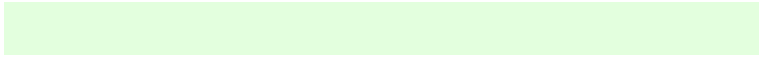
93.1248, 0.3100, 0.2980



93.1248, 0.3442, 0.3223

Sweetspot

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



93.1274, 0.3142, 0.3629



97.7539, 0.3132, 0.3389



94.6013, 0.3328, 0.3559



20.8355, 0.3133, 0.3408



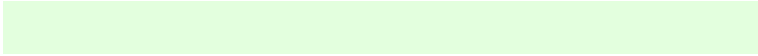
0.0000, 0.0000, 0.0000



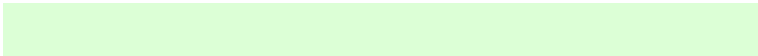
21.4041, 0.3127, 0.3290

Same Dimension

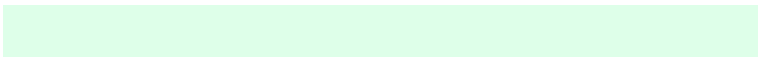
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1274, 0.3142, 0.3629



91.6542, 0.3145, 0.3717



92.9409, 0.3049, 0.3516



20.2993, 0.3138, 0.3534



37.6288, 0.3042, 0.5967



3.7006, 0.3102, 0.5919

Inverse Universe

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



79.8158, 0.3108, 0.2967



75.5283, 0.3103, 0.2887



80.0570, 0.3214, 0.3074



18.1537, 0.3114, 0.3054



11.5027, 0.2831, 0.1333



1.1559, 0.2876, 0.1358

Previews

White Background



This preview shows how the Yxy color 93.1248, 0.3142, 0.3629 looks on a white background.

Color Contrast Check

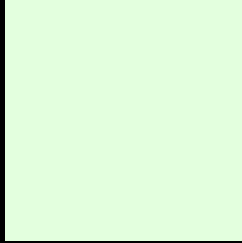
Large Text (above 18pt) WCAG AA × Fail

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 93.1248, 0.3142, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

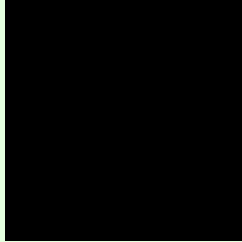
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

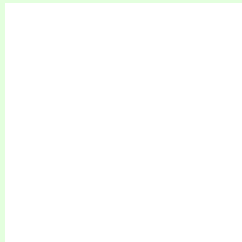
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.1248, 0.3142, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 93.1248, 0.3142, 0.3629.

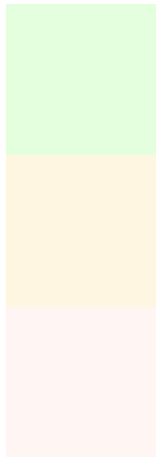


This preview shows how white text looks on a background with the Yxy color 93.1248, 0.3142, 0.3629.

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

93.1248, 0.3142, 0.3629

Protanopia

92.6625, 0.3308, 0.3486

Deuteranopia

92.9756, 0.3210, 0.3319

Tritanopia

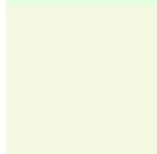
92.6188, 0.3049, 0.3211

Trichromacy



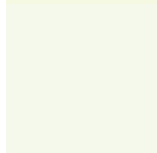
Original Color

93.1248, 0.3142, 0.3629



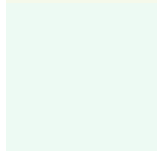
Protanomaly

92.6001, 0.3245, 0.3530



Deuteranomaly

93.1620, 0.3185, 0.3429



Tritanomaly

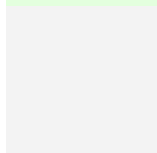
92.8468, 0.3086, 0.3360

Monochromacy



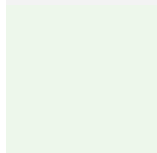
Original Color

93.1248, 0.3142, 0.3629



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.5242, 0.3134, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1248, 0.3142, 0.3629 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(227, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(227, 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(227, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 222) }
```

Border

The CSS property to change the border of an element to Yxy 93.1248, 0.3142, 0.3629 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(227, 255, 222) }
```

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

```
.border{ border-color:rgb(227, 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(227, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1248, 0.3142, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 222) }
```

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

```
.background{ background-color: rgb(227,  
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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