

Converting Colors

Yxy(91.7558, 0.3080, 0.3623)

Have a look what the booklet for
Yxy(91.7558, 0.3080, 0.3623)
contains.

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Color

Yxy(91.7531, 0.3081, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	DAFFDF
RGB	218, 255, 223
RGB Percent	85%, 100%, 87%
CMY	0.1449, 0.0000, 0.1254
CMYK	0.14, 0.00, 0.13, 0.00
HSL	128°, 100%, 93%
HSV	128°, 14%, 100%
XYZ	78.0053, 91.7531, 83.4234
YIQ	240.2890, -11.7800, -17.7960

Conversions

Conversions Part 2

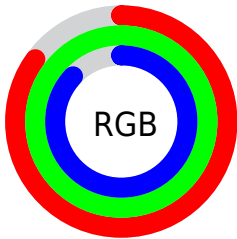
Format	Color
R _Y B	218, 251, 255
Decimal	14352351
CIE Lab	96.72, -17.73, 11.33
CIE LCh	97, 21.044, 147.410
Yxy	91.7531, 0.3081, 0.3624
Android (android.graphics.Color)	4292542431 (0xFFDAFFDF)
YUV	240.2890, -8.5235, -19.5475
Hunter-Lab	95.7878, -22.2663, 15.4147

Details

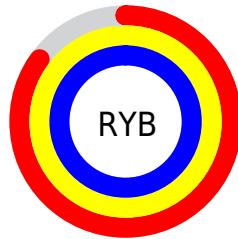
The Yxy color **91.7531, 0.3081, 0.3624** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.3307, 0.3177, 0.2977**, and the grayscale version is **87.4603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0019, 0.3069, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **87.0083, 0.3049, 0.3891**, and if you desaturate by 10%, it is **97.2656, 0.3113, 0.3387**.

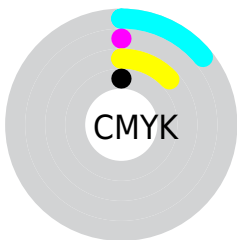
Distribution



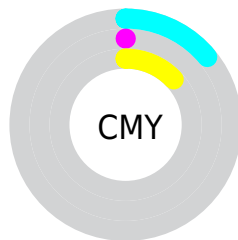
- Red (85%)
- Green (100%)
- Blue (87%)



- Red (85%)
- Yellow (98%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.7531, 0.3081, 0.3624 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 91.7531, 0.3081, 0.3624 by changing the saturation by 10% instead.

 91.7531, 0.3081,
0.3624

 91.7531, 0.3081,
0.3624


533.7173, 0.3103,
0.3472

 69.4356, 0.3076,
0.3658

149.7712, 0.3089,
0.3572

 51.0665, 0.3069,
0.3700

186.2405, 0.3092,
0.3551

 36.2616, 0.3061,
0.3752


228.1958, 0.3095,
0.3534

 24.6363, 0.3049,
0.3820

276.0216, 0.3097,
0.3518

 15.8063, 0.3033,
0.3912

330.1023, 0.3099,
0.3505

 9.3872, 0.3010,
0.4040

390.8222, 0.3100,

 4.9946, 0.2971,

0.3493

0.4235

458.5657, 0.3102,
0.3482

■ 2.2441, 0.2899,
0.4565

■ 0.7439, 0.2648,
0.7183

■ 91.7531, 0.3081,
0.3624

■ 91.7531, 0.3081,
0.3624

■ 87.0083, 0.3049,
0.3891

■ 97.2656, 0.3113,
0.3387

■ 82.9861, 0.3018,
0.4186

99.9951, 0.3127,
0.3290

■ 79.6543, 0.2990,
0.4501

■ 76.9738, 0.2967,
0.4826

■ 74.9016, 0.2952,
0.5144

■ 73.3894, 0.2947,
0.5433

■ 72.3813, 0.2953,
0.5673

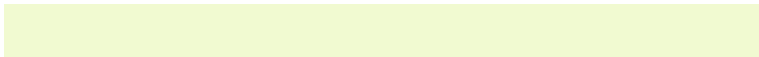
■ 71.8099, 0.2967,
0.5846

■ 71.6324, 0.2976,
0.5913

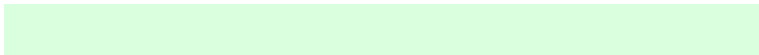
Harmonies

Analogous

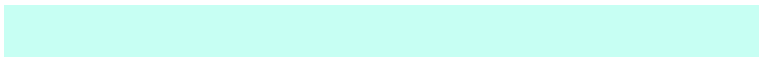
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7531, 0.3315, 0.3705



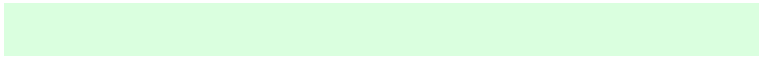
91.7531, 0.3081, 0.3624



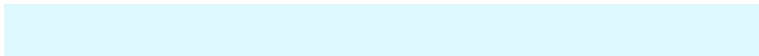
91.7531, 0.2865, 0.3442

Triad

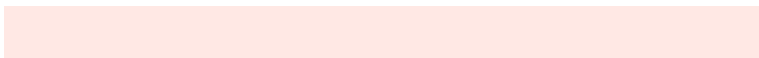
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.7531, 0.3081, 0.3624



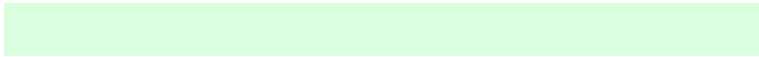
91.7531, 0.2757, 0.2918



91.7531, 0.3550, 0.3335

Complementary

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



91.7531, 0.3081, 0.3624



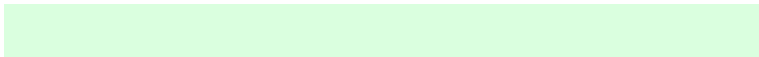
78.3307, 0.3177, 0.2977

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.



91.7531, 0.3389, 0.3141



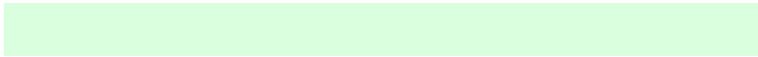
91.7531, 0.3081, 0.3624



91.7531, 0.2930, 0.2905

Square

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



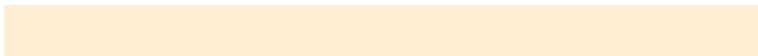
91.7531, 0.3081, 0.3624



91.7531, 0.2683, 0.3030



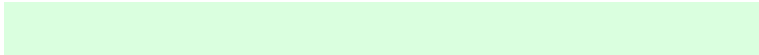
91.7531, 0.3160, 0.2986



91.7531, 0.3592, 0.3526

Rectangle

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



91.7531, 0.3081, 0.3624



91.7531, 0.2759, 0.3294



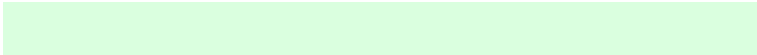
91.7531, 0.3160, 0.2986



91.7531, 0.3508, 0.3268

Sweetspot

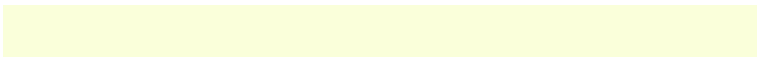
The Sweet Spot groups the original color and five complimentary colors.



91.7570, 0.3081, 0.3624



97.5609, 0.3115, 0.3376



96.9160, 0.3313, 0.3654



20.7869, 0.3112, 0.3393



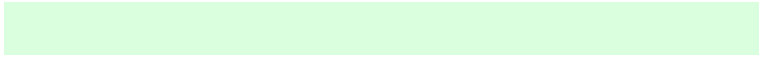
0.0000, 0.0000, 0.0000



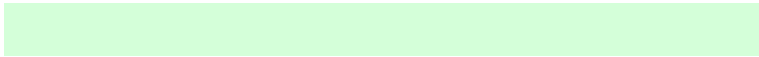
21.4041, 0.3127, 0.3290

Same Dimension

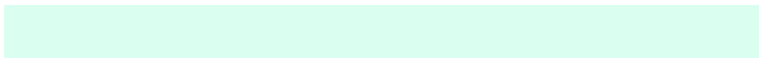
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.7570, 0.3081, 0.3624



90.5000, 0.3073, 0.3688



92.8058, 0.2979, 0.3429



20.2079, 0.3097, 0.3502



37.4441, 0.2971, 0.5896



3.6575, 0.2926, 0.5735

Inverse Universe

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



78.3307, 0.3177, 0.2977



75.0222, 0.3187, 0.2922



77.2304, 0.3303, 0.3155



18.2558, 0.3159, 0.3087



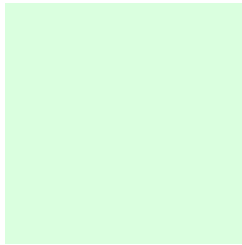
13.8444, 0.3582, 0.1747



1.3591, 0.3533, 0.1720

Previews

White Background



This preview shows how the Yxy color 91.7531, 0.3081, 0.3624 looks on a white background.

Color Contrast Check

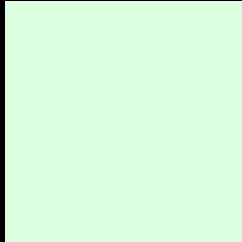
Large Text (above 18pt) WCAG AA × Fail

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 91.7531, 0.3081, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

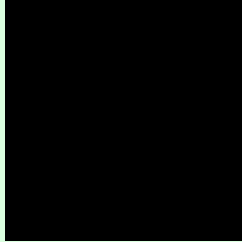
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

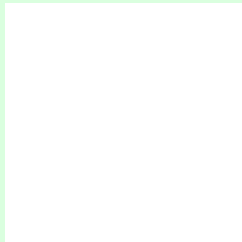
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.7531, 0.3081, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 91.7531, 0.3081, 0.3624.

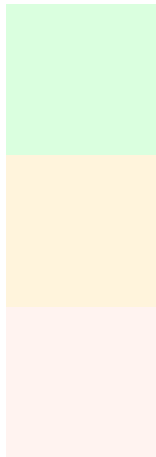


This preview shows how white text looks on a background with the Yxy color 91.7531, 0.3081, 0.3624.

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

91.7531, 0.3081, 0.3624

Protanopia

91.1287, 0.3348, 0.3527

Deuteranopia

91.6525, 0.3224, 0.3319



Tritanopia

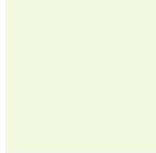
91.7461, 0.3018, 0.3211

Trichromacy



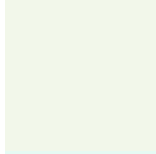
Original Color

91.7531, 0.3081, 0.3624



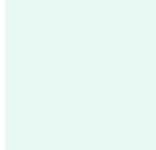
Protanomaly

91.2325, 0.3250, 0.3562



Deuteranomaly

91.3393, 0.3173, 0.3420



Tritanomaly

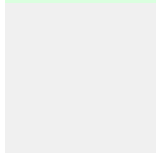
91.6653, 0.3043, 0.3360

Monochromacy



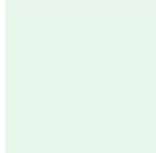
Original Color

91.7531, 0.3081, 0.3624



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.4011, 0.3109, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7531, 0.3081, 0.3624 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(218, 255, 223)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 223)  
}
```

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(218, 255, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 223) }
```

Border

The CSS property to change the border of an element to Yxy 91.7531, 0.3081, 0.3624 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(218, 255, 223) }
```

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

```
.border{ border-color:rgb(218, 255, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 223);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7531, 0.3081, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 223) }
```

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

```
.background{ background-color: rgb(218,  
255, 223) }
```

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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