

Converting Colors

$Yxy(93.4563, 0.3201, 0.3714)$

Have a look what the booklet for
Yxy(93.4563, 0.3201, 0.3714)
contains.

| | |
|--|----|
| Yxy(93.0331, 0.3201, 0.3713) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(93.0331, 0.3201, 0.3713)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E5FFD6 |
| RGB | 229, 255, 214 |
| RGB Percent | 90%, 100%, 84% |
| CMY | 0.1020, 0.0000, 0.1609 |
| CMYK | 0.10, 0.00, 0.16, 0.00 |
| HSL | 98°, 100%, 92% |
| HSV | 98°, 16%, 100% |
| XYZ | 80.2044, 93.0331, 77.3230 |
| YIQ | 242.5520, -2.3350, -18.2630 |

Conversions

Conversions Part 2

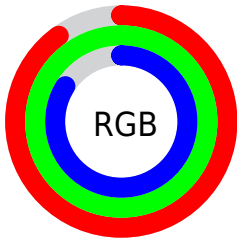
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 214, 255, 240 |
| Decimal | 15073238 |
| CIE _{Lab} | 97.24, -15.62, 16.81 |
| CIE _{LCh} | 97, 22.946, 132.903 |
| Yxy | 93.0331, 0.3201, 0.3713 |
| Android (android.graphics.Color) | 4293263318 (0xFFE5FFD6) |
| YUV | 242.5520, -14.0761, -11.8851 |
| Hunter-Lab | 96.4537, -20.3653, 19.9872 |

Details

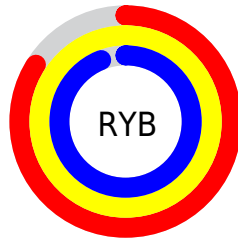
The Yxy color **93.0331, 0.3201, 0.3713** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.8156, 0.3041, 0.2877**, and the grayscale version is **89.3621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.7756, 0.3213, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **89.2914, 0.3244, 0.4007**, and if you desaturate by 10%, it is **97.2195, 0.3155, 0.3442**.

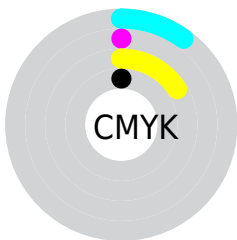
Distribution



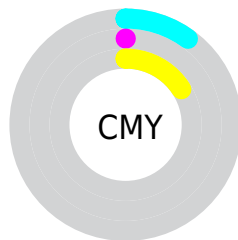
- Red (90%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (10%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.0331, 0.3201, 0.3713 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 93.0331, 0.3201, 0.3713 by changing the saturation by 10% instead.


 93.0331, 0.3201,
0.3713

 93.0331, 0.3201,
0.3713


537.8488, 0.3171,
0.3521

 70.4990, 0.3207,
0.3756

151.5444, 0.3191,
0.3647

 51.9335, 0.3214,
0.3809


188.2905, 0.3187,
0.3621

 36.9520, 0.3222,
0.3874


230.5426, 0.3184,
0.3599

 25.1704, 0.3232,
0.3959

278.6853, 0.3181,
0.3579

 16.2040, 0.3243,
0.4073

333.1028, 0.3178,
0.3562

 9.6686, 0.3256,
0.4232

394.1797, 0.3175,

 5.1798, 0.3268,

0.3547

0.4470

462.3002, 0.3173,
0.3533

■ 2.3531, 0.3270,
0.4864

■ 0.8016, 0.3219,
0.6781

■ 93.0331, 0.3201,
0.3713

■ 93.0331, 0.3201,
0.3713

■ 89.2914, 0.3244,
0.4007

■ 97.2195, 0.3155,
0.3442

■ 85.9884, 0.3280,
0.4319

100.0000, 0.3127,
0.3290

■ 83.1034, 0.3308,
0.4640

■ 80.6180, 0.3323,
0.4955

■ 78.5120, 0.3321,
0.5246

■ 76.7634, 0.3302,
0.5496

■ 75.3472, 0.3265,
0.5687

■ 74.2336, 0.3213,
0.5812

■ 73.8669, 0.3191,
0.5848

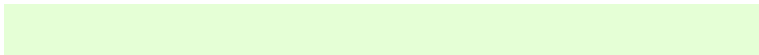
Harmonies

Analogous

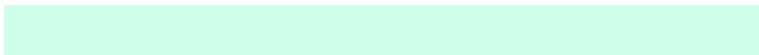
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0331, 0.3440, 0.3736



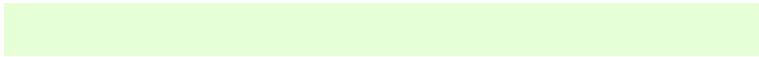
93.0331, 0.3201, 0.3713



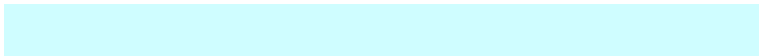
93.0331, 0.2949, 0.3561

Triad

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



93.0331, 0.3201, 0.3713



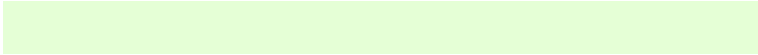
93.0331, 0.2673, 0.2932



93.0331, 0.3516, 0.3234

Complementary

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



93.0331, 0.3201, 0.3713



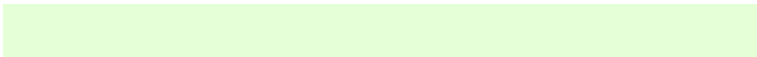
73.8156, 0.3041, 0.2877

Split Complementary

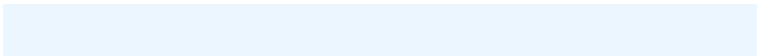
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.0331, 0.3296, 0.3039



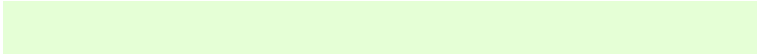
93.0331, 0.3201, 0.3713



93.0331, 0.2811, 0.2867

Square

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



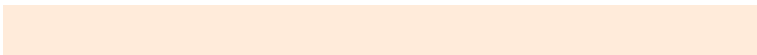
93.0331, 0.3201, 0.3713



93.0331, 0.2651, 0.3099



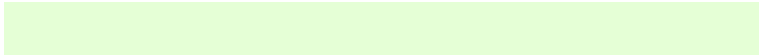
93.0331, 0.3037, 0.2907



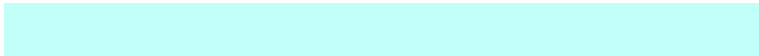
93.0331, 0.3628, 0.3448

Rectangle

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



93.0331, 0.3201, 0.3713



93.0331, 0.2807, 0.3412



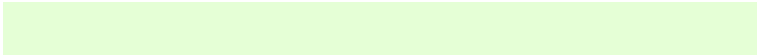
93.0331, 0.3037, 0.2907



93.0331, 0.3451, 0.3164

Sweetspot

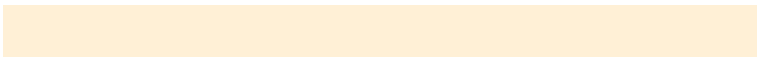
The Sweet Spot groups the original color and five complimentary colors.



93.0297, 0.3201, 0.3713



97.7052, 0.3150, 0.3414



88.4060, 0.3393, 0.3549



20.8459, 0.3154, 0.3432



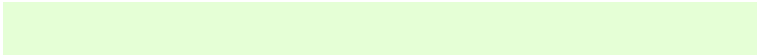
0.0000, 0.0000, 0.0000



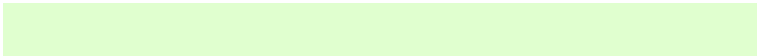
21.4041, 0.3127, 0.3290

Same Dimension

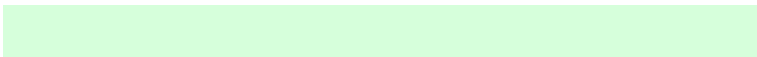
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0297, 0.3201, 0.3713



91.8969, 0.3214, 0.3796



90.9482, 0.3076, 0.3665



20.4919, 0.3171, 0.3532



38.6740, 0.3203, 0.5839



3.8249, 0.3290, 0.5770

Inverse Universe

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



73.8156, 0.3041, 0.2877



69.6769, 0.3022, 0.2798



76.2076, 0.3183, 0.2941



17.9484, 0.3079, 0.3052



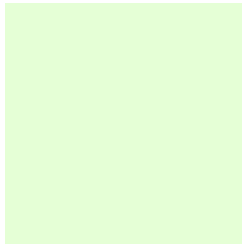
7.8533, 0.2306, 0.1044



0.8266, 0.2408, 0.1100

Previews

White Background



This preview shows how the Yxy color 93.0331, 0.3201, 0.3713 looks on a white background.

Color Contrast Check

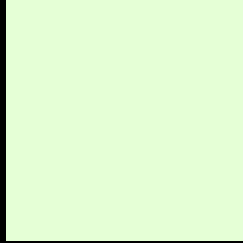
Large Text (above 18pt) WCAG AA × Fail

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 93.0331, 0.3201, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

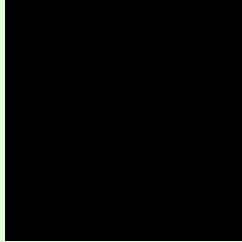
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

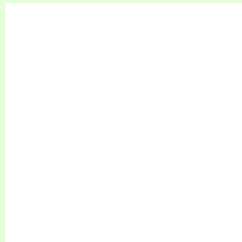
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0331, 0.3201, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 93.0331, 0.3201, 0.3713.

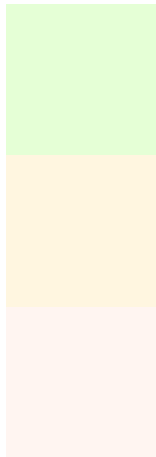


This preview shows how white text looks on a background with the Yxy color 93.0331, 0.3201, 0.3713.

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

93.0331, 0.3201, 0.3713

Protanopia

92.5534, 0.3320, 0.3506

Deuteranopia

92.9157, 0.3216, 0.3329

Tritanopia

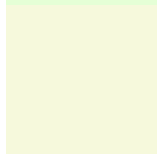
92.7962, 0.3055, 0.3212

Trichromacy



Original Color

93.0331, 0.3201, 0.3713



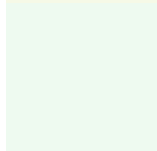
Protanomaly

92.5115, 0.3282, 0.3580



Deuteranomaly

93.1137, 0.3215, 0.3469



Tritanomaly

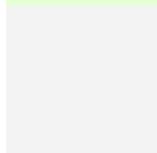
92.8396, 0.3110, 0.3390

Monochromacy



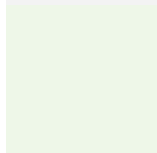
Original Color

93.0331, 0.3201, 0.3713



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.5249, 0.3159, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0331, 0.3201, 0.3713 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(229, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 214)  
}
```

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(229, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 214) }
```

Border

The CSS property to change the border of an element to Yxy 93.0331, 0.3201, 0.3713 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(229, 255, 214) }
```

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

```
.border{ border-color:rgb(229, 255, 214) }
```

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

Here you see how a box with a 4 pixel rgb(229, 255, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(229, 255,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0331, 0.3201, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 214) }
```

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

```
.background{ background-color: rgb(229,  
255, 214) }
```

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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