

Converting Colors

$Yxy(93.4537, 0.3179, 0.3507)$

Have a look what the booklet for
Yxy(93.4537, 0.3179, 0.3507)
contains.

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Color

Yxy(93.2328, 0.3181, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	F0FBE6
RGB	240, 251, 230
RGB Percent	94%, 98%, 90%
CMY	0.0586, 0.0157, 0.0979
CMYK	0.04, 0.00, 0.08, 0.02
HSL	91°, 72%, 94%
HSV	91°, 8%, 98%
XYZ	84.7353, 93.2328, 88.4113
YIQ	245.3170, 0.1850, -8.8630

Conversions

Conversions Part 2

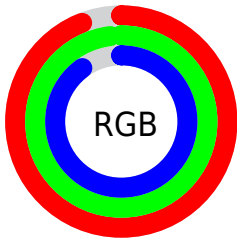
Format	Color
R_{YB}	230, 251, 241
Decimal	15793126
CIE _{Lab}	97.32, -7.24, 8.80
CIE _{LCh}	97, 11.390, 129.437
Yxy	93.2328, 0.3181, 0.3500
Android (android.graphics.Color)	4293983206 (0xFFFF0FBE6)
YUV	245.3170, -7.5513, -4.6630
Hunter-Lab	96.5571, -12.3294, 13.3018

Details

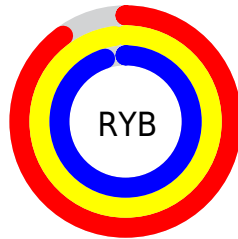
The Yxy color **93.2328, 0.3181, 0.3500** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2635, 0.3070, 0.3080**, and the grayscale version is **91.6526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.3157, 0.3188, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **89.7195, 0.3245, 0.3772**, and if you desaturate by 10%, it is **97.1139, 0.3117, 0.3252**.

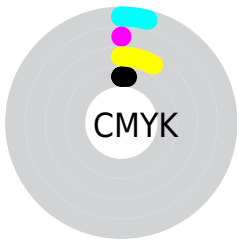
Distribution



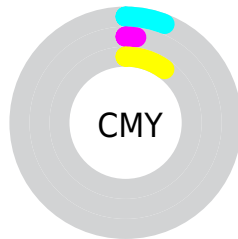
- Red (94%)
- Green (98%)
- Blue (90%)



- Red (90%)
- Yellow (98%)
- Blue (95%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2328, 0.3181, 0.3500 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 93.2328, 0.3181, 0.3500 by changing the saturation by 10% instead.


 93.2328, 0.3181,
0.3500

 93.2328, 0.3181,
0.3500

538.4919, 0.3158,
0.3406

 70.6650, 0.3186,
0.3521


151.8209, 0.3173,
0.3468

 52.0689, 0.3192,
0.3546


188.6100, 0.3170,
0.3455

 37.0600, 0.3199,
0.3578


230.9083, 0.3167,
0.3444

 25.2539, 0.3208,
0.3618

279.1002, 0.3165,
0.3435

 16.2663, 0.3220,
0.3672

333.5701, 0.3163,
0.3426

 9.7128, 0.3236,
0.3747

394.7024, 0.3161,

 5.2090, 0.3257,

0.3419

0.3858

462.8816, 0.3159,
0.3412

■ 2.3704, 0.3288,
0.4040

■ 0.8106, 0.3552,
0.4848

■ 93.2328, 0.3181,
0.3500

■ 93.2328, 0.3181,
0.3500

■ 89.7195, 0.3245,
0.3772

■ 97.1139, 0.3117,
0.3252

■ 86.5580, 0.3305,
0.4062

■ 97.4647, 0.3129,
0.3252

■ 83.7395, 0.3359,
0.4365

■ 81.2502, 0.3402,
0.4670

■ 79.0754, 0.3429,
0.4963

■ 77.1990, 0.3437,
0.5228

■ 75.6030, 0.3423,
0.5451

■ 74.2665, 0.3388,
0.5617

■ 73.1622, 0.3334,
0.5727

Harmonies

Analogous

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



93.2328, 0.3295, 0.3507



93.2328, 0.3181, 0.3500



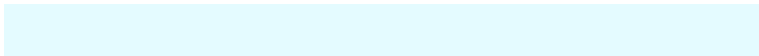
93.2328, 0.3054, 0.3433

Triad

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



93.2328, 0.3181, 0.3500



93.2328, 0.2894, 0.3121



93.2328, 0.3309, 0.3252

Complementary

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



93.2328, 0.3181, 0.3500



82.2635, 0.3070, 0.3080

Split Complementary

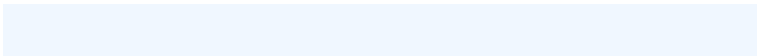
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2328, 0.3198, 0.3153



93.2328, 0.3181, 0.3500



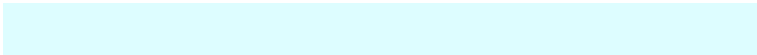
93.2328, 0.2959, 0.3078

Square

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



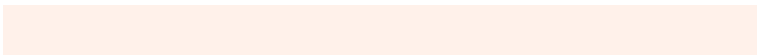
93.2328, 0.3181, 0.3500



93.2328, 0.2890, 0.3211



93.2328, 0.3070, 0.3090



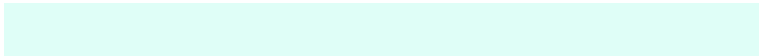
93.2328, 0.3371, 0.3361

Rectangle

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



93.2328, 0.3181, 0.3500



93.2328, 0.2979, 0.3364



93.2328, 0.3070, 0.3090



93.2328, 0.3276, 0.3216

Sweetspot

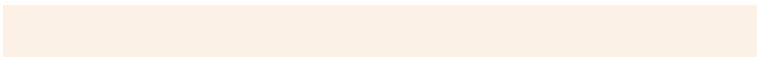
The Sweet Spot groups the original color and five complimentary colors.



93.2368, 0.3181, 0.3500



98.7692, 0.3146, 0.3364



89.0460, 0.3261, 0.3398



21.0715, 0.3152, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

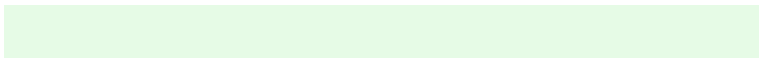
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2368, 0.3181, 0.3500



96.0326, 0.3192, 0.3544



91.5466, 0.3115, 0.3500



19.7172, 0.3188, 0.3530



38.4610, 0.3337, 0.5732



3.6249, 0.3428, 0.5660

Inverse Universe

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



82.2635, 0.3070, 0.3080



82.5515, 0.3057, 0.3037



84.0572, 0.3139, 0.3088



17.0877, 0.3061, 0.3051



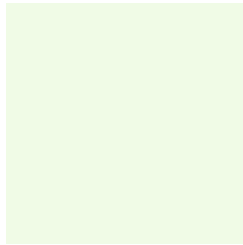
6.2734, 0.2063, 0.0910



0.6442, 0.2189, 0.0980

Previews

White Background



This preview shows how the Yxy color 93.2328, 0.3181, 0.3500 looks on a white background.

Color Contrast Check

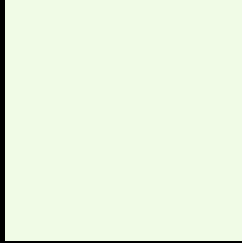
Large Text (above 18pt) WCAG AA × Fail

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 93.2328, 0.3181, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

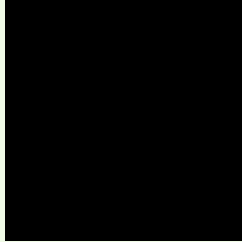
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

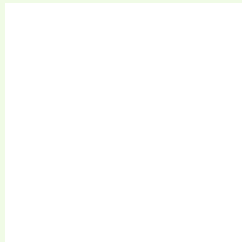
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.2328, 0.3181, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 93.2328, 0.3181, 0.3500.

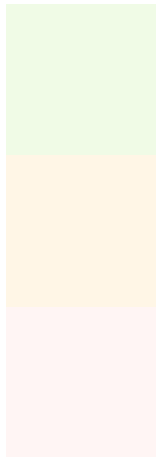


This preview shows how white text looks on a background with the Yxy color 93.2328, 0.3181, 0.3500.

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

93.2328, 0.3181, 0.3500

Protanopia

92.8847, 0.3283, 0.3447

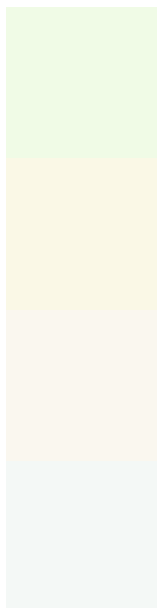
Deuteranopia

93.0965, 0.3198, 0.3300

Tritanopia

93.3344, 0.3074, 0.3212

Trichromacy



Original Color

93.2328, 0.3181, 0.3500

Protanomaly

93.1720, 0.3248, 0.3468

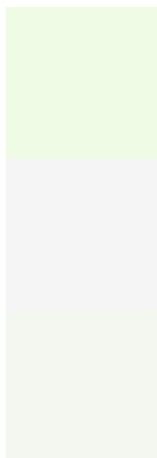
Deuteranomaly

93.0775, 0.3194, 0.3368

Tritanomaly

93.0217, 0.3114, 0.3310

Monochromacy



Original Color

93.2328, 0.3181, 0.3500

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.8675, 0.3143, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2328, 0.3181, 0.3500 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(240, 251, 230)` looks like.

```
.text, #text, p{  
    color:rgb(240, 251, 230)  
}
```

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(240, 251, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 251, 230) }
```

Border

The CSS property to change the border of an element to Yxy 93.2328, 0.3181, 0.3500 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(240, 251, 230) }
```

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

```
.border{ border-color:rgb(240, 251, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 251, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 251, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 251, 230);  
box-shadow:4px 4px 4px 4px rgb(240, 251,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2328, 0.3181, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 251, 230) }
```

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

```
.background{ background-color: rgb(240,  
251, 230) }
```

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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