

Converting Colors

$Yxy(93.2145, 0.3205, 0.3530)$

Have a look what the booklet for
Yxy(93.2145, 0.3205, 0.3530)
contains.

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Color

Yxy(93.2412, 0.3205, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	F1FBE3
RGB	241, 251, 227
RGB Percent	95%, 98%, 89%
CMY	0.0549, 0.0156, 0.1099
CMYK	0.04, 0.00, 0.10, 0.02
HSL	85°, 75%, 94%
HSV	85°, 10%, 98%
XYZ	84.6327, 93.2412, 86.1907
YIQ	245.2740, 1.7440, -9.5840

Conversions

Conversions Part 2

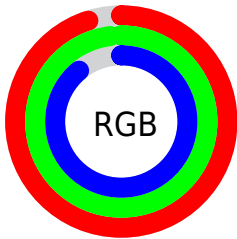
Format	Color
R_{YB}	227, 251, 237
Decimal	15858659
CIE _{Lab}	97.33, -7.44, 10.38
CIE _{LCh}	97, 12.772, 125.652
Yxy	93.2412, 0.3205, 0.3531
Android (android.graphics.Color)	4294048739 (0xFFFF1FBE3)
YUV	245.2740, -9.0091, -3.7483
Hunter-Lab	96.5615, -12.5337, 14.6708

Details

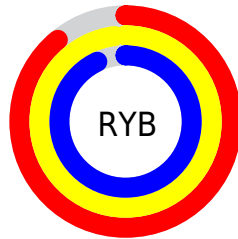
The Yxy color **93.2412, 0.3205, 0.3531** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.8940, 0.3044, 0.3047**, and the grayscale version is **91.6159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.3231, 0.3218, 0.3585** is the 20% darker color. If you saturate the color by 10%, you get **90.1701, 0.3286, 0.3801**, and if you desaturate by 10%, it is **96.6282, 0.3124, 0.3280**.

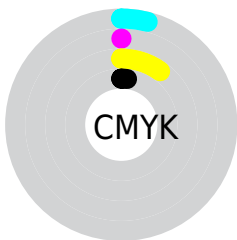
Distribution



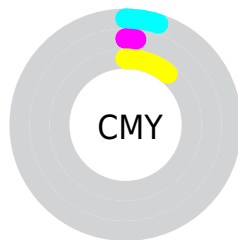
- Red (95%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (93%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)




- Cyan (5%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.2412, 0.3205, 0.3531 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 93.2412, 0.3205, 0.3531 by changing the saturation by 10% instead.

 93.2412, 0.3205,
0.3531

 93.2412, 0.3205,
0.3531

538.5189, 0.3171,
0.3423

 70.6720, 0.3212,
0.3555

151.8325, 0.3194,
0.3494

 52.0746, 0.3221,
0.3584


188.6234, 0.3189,
0.3480

 37.0645, 0.3232,
0.3620


230.9236, 0.3185,
0.3467

 25.2574, 0.3245,
0.3667

279.1176, 0.3182,
0.3456

 16.2690, 0.3262,
0.3729

333.5897, 0.3179,
0.3446

 9.7147, 0.3285,
0.3815

394.7244, 0.3176,

 5.2102, 0.3317,

0.3438

0.3943

462.9060, 0.3173,
0.3430

■ 2.3711, 0.3363,
0.4151

■ 0.8110, 0.3782,
0.5207

■ 93.2412, 0.3205,
0.3531

■ 93.2412, 0.3205,
0.3531

■ 90.1701, 0.3286,
0.3801

■ 96.6282, 0.3124,
0.3280

■ 87.3924, 0.3364,
0.4086

■ 97.4812, 0.3129,
0.3252

■ 84.9009, 0.3434,
0.4377

■ 82.6836, 0.3493,
0.4666

■ 80.7275, 0.3534,
0.4938

■ 79.0184, 0.3555,
0.5180

■ 77.5400, 0.3551,
0.5378

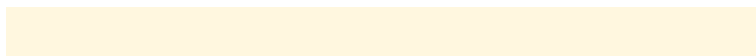
■ 76.2736, 0.3524,
0.5524

■ 75.1903, 0.3476,
0.5620

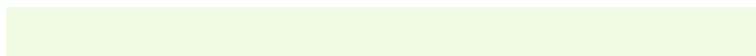
Harmonies

Analogous

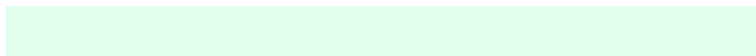
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2412, 0.3329, 0.3530



93.2412, 0.3205, 0.3531



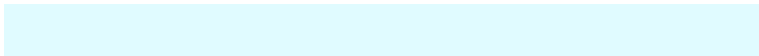
93.2412, 0.3062, 0.3463

Triad

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



93.2412, 0.3205, 0.3531



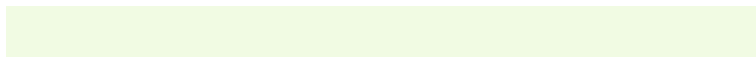
93.2412, 0.2862, 0.3110



93.2412, 0.3317, 0.3231

Complementary

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



93.2412, 0.3205, 0.3531



79.8940, 0.3044, 0.3047

Split Complementary

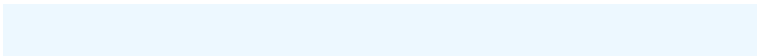
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2412, 0.3188, 0.3126



93.2412, 0.3205, 0.3531



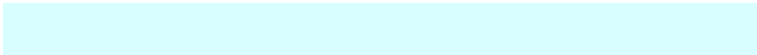
93.2412, 0.2926, 0.3055

Square

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



93.2412, 0.3205, 0.3531



93.2412, 0.2866, 0.3216



93.2412, 0.3045, 0.3062



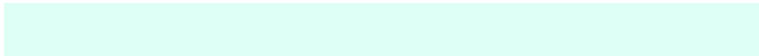
93.2412, 0.3396, 0.3354

Rectangle

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



93.2412, 0.3205, 0.3531



93.2412, 0.2976, 0.3389



93.2412, 0.3045, 0.3062



93.2412, 0.3278, 0.3193

Sweetspot

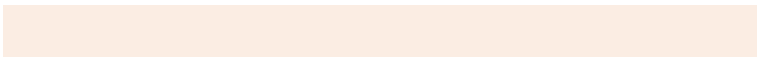
The Sweet Spot groups the original color and five complimentary colors.



93.2452, 0.3205, 0.3531



98.9172, 0.3151, 0.3364



86.6187, 0.3285, 0.3390



21.1115, 0.3158, 0.3384



0.0000, 0.0000, 0.0000



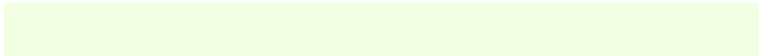
21.4041, 0.3127, 0.3290

Same Dimension

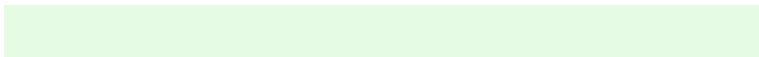
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.2452, 0.3205, 0.3531



96.1728, 0.3217, 0.3569



91.2003, 0.3128, 0.3537



19.8092, 0.3204, 0.3529



39.5840, 0.3485, 0.5615



3.7284, 0.3567, 0.5550

Inverse Universe

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



79.8940, 0.3044, 0.3047



80.4193, 0.3030, 0.3009



82.0317, 0.3125, 0.3053



16.9964, 0.3044, 0.3049



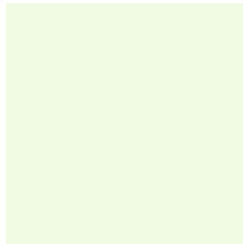
5.3087, 0.1871, 0.0804



0.5523, 0.2003, 0.0877

Previews

White Background



This preview shows how the Yxy color 93.2412, 0.3205, 0.3531 looks on a white background.

Color Contrast Check

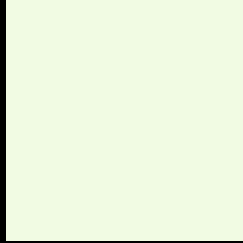
Large Text (above 18pt) WCAG AA × Fail

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 93.2412, 0.3205, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

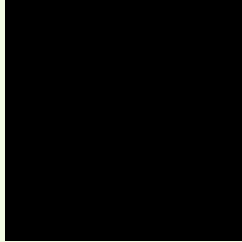
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

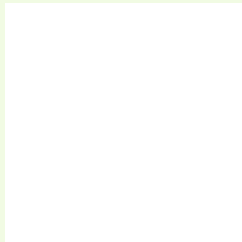
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.2412, 0.3205, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 93.2412, 0.3205, 0.3531.

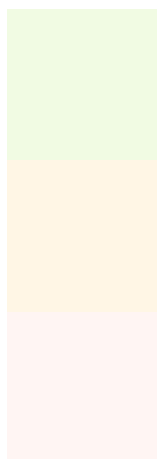


This preview shows how white text looks on a background with the Yxy color 93.2412, 0.3205, 0.3531.

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

93.2412, 0.3205, 0.3531

Protanopia

92.8287, 0.3289, 0.3457

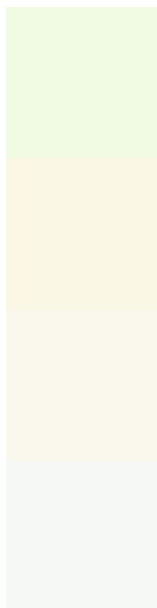
Deuteranopia

93.0359, 0.3204, 0.3310

Tritanopia

92.9057, 0.3080, 0.3203

Trichromacy



Original Color

93.2412, 0.3205, 0.3531

Protanomaly

93.0602, 0.3260, 0.3488

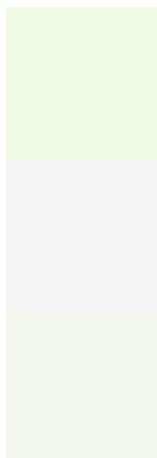
Deuteranomaly

92.9599, 0.3206, 0.3388

Tritanomaly

93.1399, 0.3126, 0.3319

Monochromacy



Original Color

93.2412, 0.3205, 0.3531

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.9277, 0.3161, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2412, 0.3205, 0.3531 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(241, 251, 227)` looks like.

```
.text, #text, p{  
    color:rgb(241, 251, 227)  
}
```

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(241, 251, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 251, 227) }
```

Border

The CSS property to change the border of an element to Yxy 93.2412, 0.3205, 0.3531 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(241, 251, 227) }
```

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

```
.border{ border-color:rgb(241, 251, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 251, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 251, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 251, 227);  
box-shadow:4px 4px 4px 4px rgb(241, 251,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2412, 0.3205, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 251, 227) }
```

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

```
.background{ background-color: rgb(241,  
251, 227) }
```

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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