

Converting Colors

$Yxy(93.3415, 0.3215, 0.3583)$

Have a look what the booklet for
Yxy(93.3415, 0.3215, 0.3583)
contains.

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Color

Yxy(93.2992, 0.3215, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	EFFCDF
RGB	239, 252, 223
RGB Percent	94%, 99%, 87%
CMY	0.0626, 0.0118, 0.1254
CMYK	0.05, 0.00, 0.11, 0.01
HSL	87°, 83%, 93%
HSV	87°, 11%, 99%
XYZ	83.7401, 93.2992, 83.4275
YIQ	244.8070, 1.5610, -11.7750

Conversions

Conversions Part 2

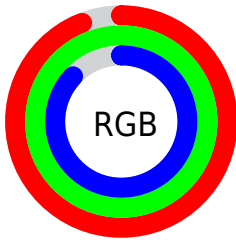
Format	Color
R _Y B	223, 252, 236
Decimal	15727839
CIE Lab	97.35, -9.24, 12.42
CIE LCh	97, 15.479, 126.662
Yxy	93.2992, 0.3215, 0.3582
Android (android.graphics.Color)	4293917919 (0xFFE ^{FF} CD ^F)
YUV	244.8070, -10.7509, -5.0927
Hunter-Lab	96.5915, -14.2845, 16.4044

Details

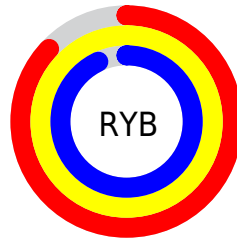
The Yxy color **93.2992, 0.3215, 0.3582** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77.6489, 0.3031, 0.2996**, and the grayscale version is **91.2435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9246, 0.3232, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **90.1426, 0.3291, 0.3857**, and if you desaturate by 10%, it is **96.7884, 0.3139, 0.3326**.

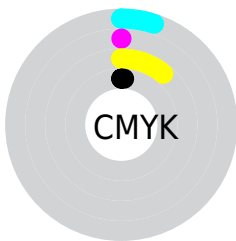
Distribution



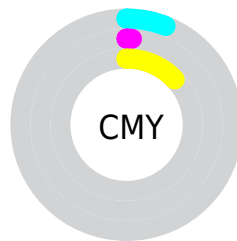
- Red (94%)
- Green (99%)
- Blue (87%)



- Red (87%)
- Yellow (99%)
- Blue (93%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (1%)




- Cyan (6%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.2992, 0.3215, 0.3582 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 93.2992, 0.3215, 0.3582 by changing the saturation by 10% instead.


 93.2992, 0.3215,
0.3582

 93.2992, 0.3215,
0.3582


538.7056, 0.3177,
0.3451

 70.7202, 0.3223,
0.3611


151.9128, 0.3202,
0.3537

 52.1139, 0.3233,
0.3647


188.7162, 0.3197,
0.3520

 37.0959, 0.3244,
0.3691


231.0298, 0.3193,
0.3504

 25.2817, 0.3259,
0.3748

279.2381, 0.3189,
0.3491

 16.2871, 0.3278,
0.3824

333.7254, 0.3186,
0.3479

 9.7275, 0.3302,
0.3929

394.8762, 0.3182,

 5.2187, 0.3335,

0.3469

0.4086

463.0748, 0.3180,
0.3459

■ 2.3761, 0.3380,
0.4341

■ 0.8136, 0.3972,
0.5900

■ 93.2992, 0.3215,
0.3582

■ 93.2992, 0.3215,
0.3582

■ 90.1426, 0.3291,
0.3857

■ 96.7884, 0.3139,
0.3326

■ 87.2954, 0.3362,
0.4146

■ 98.0955, 0.3129,
0.3261

■ 84.7498, 0.3425,
0.4442

■ 82.4931, 0.3476,
0.4733

■ 80.5114, 0.3509,
0.5006

■ 78.7895, 0.3520,
0.5246

■ 77.3101, 0.3508,
0.5440

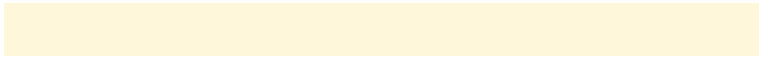
■ 76.0529, 0.3472,
0.5580

■ 75.1330, 0.3428,
0.5660

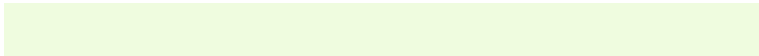
Harmonies

Analogous

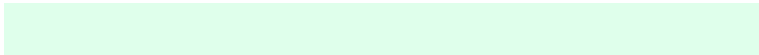
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.2992, 0.3367, 0.3582



93.2992, 0.3215, 0.3582



93.2992, 0.3042, 0.3497

Triad

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



93.2992, 0.3215, 0.3582



93.2992, 0.2808, 0.3068



93.2992, 0.3362, 0.3224

Complementary

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



93.2992, 0.3215, 0.3582



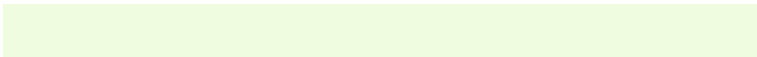
77.6489, 0.3031, 0.2996

Split Complementary

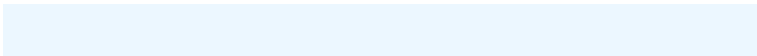
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.2992, 0.3207, 0.3096



93.2992, 0.3215, 0.3582



93.2992, 0.2888, 0.3005

Square

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



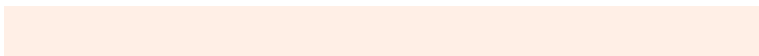
93.2992, 0.3215, 0.3582



93.2992, 0.2810, 0.3194



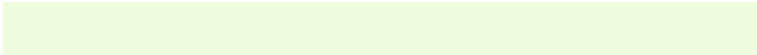
93.2992, 0.3033, 0.3016



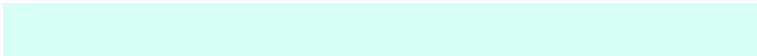
93.2992, 0.3455, 0.3371

Rectangle

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



93.2992, 0.3215, 0.3582



93.2992, 0.2939, 0.3405



93.2992, 0.3033, 0.3016



93.2992, 0.3315, 0.3177

Sweetspot

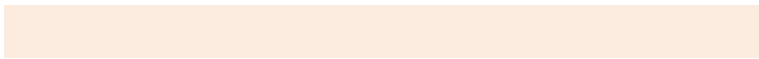
The Sweet Spot groups the original color and five complimentary colors.



93.3032, 0.3215, 0.3582



98.8741, 0.3150, 0.3364



85.7729, 0.3319, 0.3416



21.0998, 0.3156, 0.3384



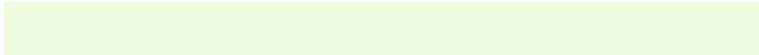
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

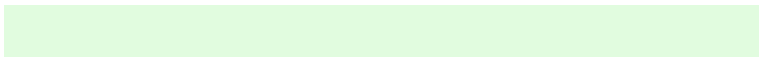
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3032, 0.3215, 0.3582



95.0078, 0.3234, 0.3650



90.9463, 0.3125, 0.3590



19.7823, 0.3200, 0.3529



39.2294, 0.3440, 0.5651



3.6962, 0.3525, 0.5583

Inverse Universe

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



77.6489, 0.3031, 0.2996



75.7463, 0.3008, 0.2928



80.1549, 0.3127, 0.3005



17.0228, 0.3049, 0.3050



5.5628, 0.1923, 0.0833



0.5771, 0.2055, 0.0906

Previews

White Background



This preview shows how the Yxy color 93.2992, 0.3215, 0.3582 looks on a white background.

Color Contrast Check

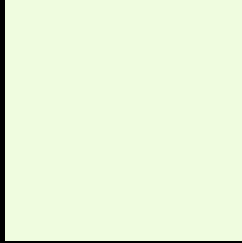
Large Text (above 18pt) WCAG AA × Fail

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 93.2992, 0.3215, 0.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

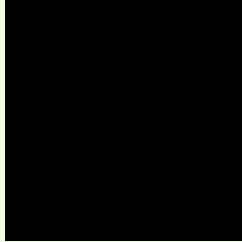
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

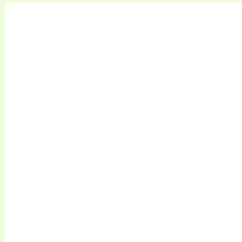
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.2992, 0.3215, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 93.2992, 0.3215, 0.3582.

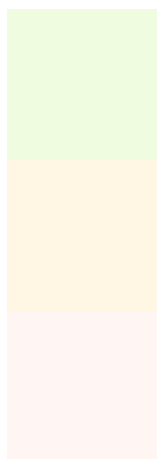


This preview shows how white text looks on a background with the Yxy color 93.2992, 0.3215, 0.3582.

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

93.2992, 0.3215, 0.3582

Protanopia

93.3830, 0.3294, 0.3476

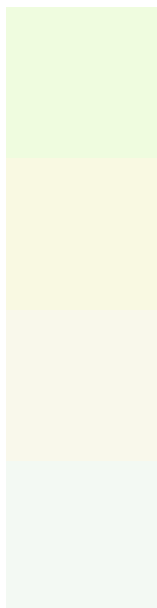
Deuteranopia

92.9756, 0.3210, 0.3319

Tritanopia

93.3344, 0.3074, 0.3212

Trichromacy



Original Color

93.2992, 0.3215, 0.3582

Protanomaly

93.3821, 0.3265, 0.3518

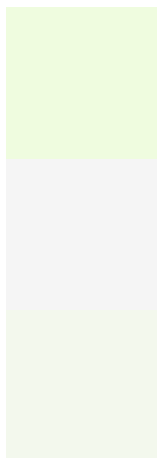
Deuteranomaly

93.2727, 0.3211, 0.3418

Tritanomaly

93.2771, 0.3124, 0.3349

Monochromacy



Original Color

93.2992, 0.3215, 0.3582

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

92.3039, 0.3160, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.2992, 0.3215, 0.3582 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(239, 252, 223)` looks like.

```
.text, #text, p{  
    color:rgb(239, 252, 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(239, 252, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 252, 223) }
```

Border

The CSS property to change the border of an element to Yxy 93.2992, 0.3215, 0.3582 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(239, 252, 223) }
```

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

```
.border{ border-color:rgb(239, 252, 223) }
```

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

Here you see how a box with a 4 pixel rgb(239, 252, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 252, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 252, 223);  
box-shadow:4px 4px 4px 4px rgb(239, 252,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 93.2992, 0.3215, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 252, 223) }
```

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

```
.background{ background-color: rgb(239,  
252, 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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