

Converting Colors

$Yxy(93.4156, 0.3246, 0.3751)$

Have a look what the booklet for
Yxy(93.4156, 0.3246, 0.3751)
contains.

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Color

Yxy(93.3289, 0.3243, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFD2
RGB	232, 255, 210
RGB Percent	91%, 100%, 82%
CMY	0.0903, 0.0000, 0.1764
CMYK	0.09, 0.00, 0.18, 0.00
HSL	91°, 100%, 91%
HSV	91°, 18%, 100%
XYZ	80.6678, 93.3289, 74.7477
YIQ	242.9930, 0.7370, -18.8710

Conversions

Conversions Part 2

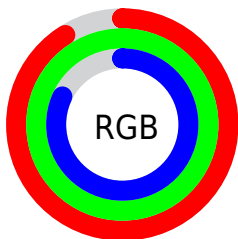
Format	Color
R _Y B	210, 255, 233
Decimal	15269842
CIE Lab	97.36, -15.23, 19.02
CIE LCh	97, 24.365, 128.687
Yxy	93.3289, 0.3243, 0.3752
Android (android.graphics.Color)	4293459922 (0xFFE8FFD2)
YUV	242.9930, -16.2655, -9.6409
Hunter-Lab	96.6069, -20.0126, 21.7503

Details

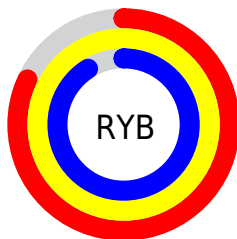
The Yxy color **93.3289, 0.3243, 0.3752** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.6544, 0.2993, 0.2830**, and the grayscale version is **89.7489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9848, 0.3267, 0.3859** is the 20% darker color. If you saturate the color by 10%, you get **90.0511, 0.3305, 0.4041**, and if you desaturate by 10%, it is **96.9661, 0.3178, 0.3482**.

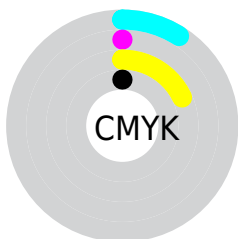
Distribution



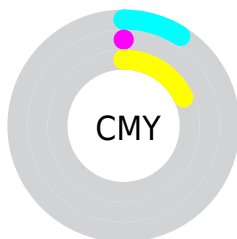
- Red (91%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (91%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.3289, 0.3243, 0.3752 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 93.3289, 0.3243, 0.3752 by changing the saturation by 10% instead.


 93.3289, 0.3243,
0.3752

 93.3289, 0.3243,
0.3752


538.8012, 0.3195,
0.3542

 70.7449, 0.3253,
0.3799

151.9539, 0.3227,
0.3680

 52.1340, 0.3265,
0.3856


188.7637, 0.3221,
0.3652

 37.1119, 0.3278,
0.3928


231.0842, 0.3215,
0.3628

 25.2942, 0.3295,
0.4020

279.2998, 0.3210,
0.3606

 16.2964, 0.3315,
0.4143

333.7949, 0.3206,
0.3587

 9.7341, 0.3339,
0.4315

394.9539, 0.3202,

 5.2230, 0.3366,

0.3571

0.4571

463.1612, 0.3198,
0.3556

■ 2.3787, 0.3396,
0.5000

■ 0.8149, 0.3308,
0.6692

■ 93.3289, 0.3243,
0.3752

■ 93.3289, 0.3243,
0.3752

■ 90.0511, 0.3305,
0.4041

■ 96.9661, 0.3178,
0.3482

■ 87.1277, 0.3361,
0.4343

100.0000, 0.3127,
0.3290

■ 84.5419, 0.3406,
0.4646

■ 82.2788, 0.3436,
0.4939

■ 80.3219, 0.3447,
0.5206

■ 78.6529, 0.3435,
0.5430

■ 77.2506, 0.3402,
0.5600

■ 76.0885, 0.3350,
0.5711

■ 75.8409, 0.3337,
0.5733

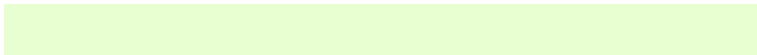
Harmonies

Analogous

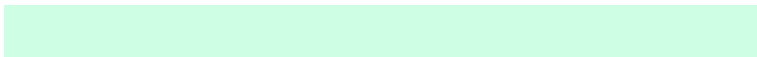
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3289, 0.3489, 0.3755



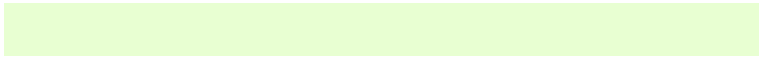
93.3289, 0.3243, 0.3752



93.3289, 0.2973, 0.3608

Triad

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



93.3289, 0.3243, 0.3752



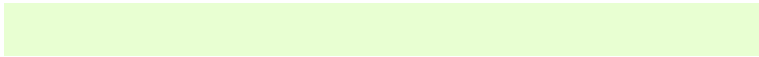
93.3289, 0.2636, 0.2929



93.3289, 0.3512, 0.3198

Complementary

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



93.3289, 0.3243, 0.3752



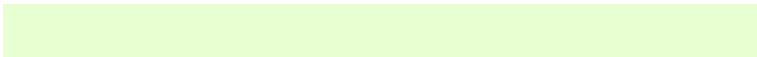
70.6544, 0.2993, 0.2830

Split Complementary

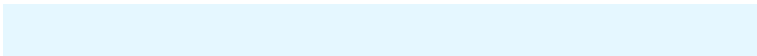
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3289, 0.3268, 0.3000



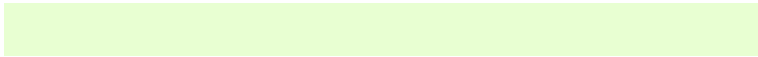
93.3289, 0.3243, 0.3752



93.3289, 0.2766, 0.2845

Square

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



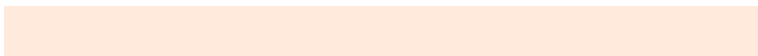
93.3289, 0.3243, 0.3752



93.3289, 0.2631, 0.3118



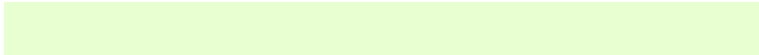
93.3289, 0.2994, 0.2873



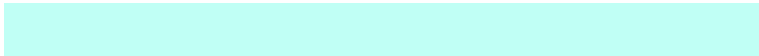
93.3289, 0.3651, 0.3425

Rectangle

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



93.3289, 0.3243, 0.3752



93.3289, 0.2816, 0.3454



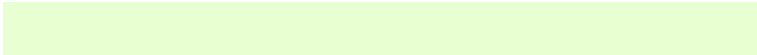
93.3289, 0.2994, 0.2873



93.3289, 0.3439, 0.3127

Sweetspot

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



93.3263, 0.3243, 0.3752



97.9890, 0.3160, 0.3414



83.9152, 0.3431, 0.3516



20.9148, 0.3165, 0.3432



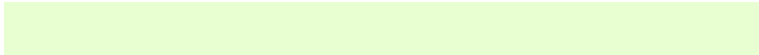
0.0000, 0.0000, 0.0000



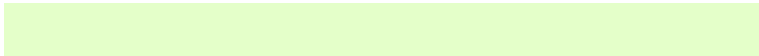
21.4041, 0.3127, 0.3290

Same Dimension

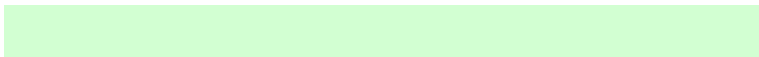
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3263, 0.3243, 0.3752



92.1854, 0.3264, 0.3847



89.8789, 0.3105, 0.3772



20.6033, 0.3190, 0.3530



39.7167, 0.3348, 0.5723



3.9318, 0.3435, 0.5655

Inverse Universe

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



70.6544, 0.2993, 0.2830



65.8383, 0.2963, 0.2735



74.5835, 0.3148, 0.2851



17.8348, 0.3059, 0.3050



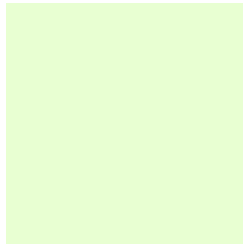
6.3632, 0.2044, 0.0900



0.6846, 0.2165, 0.0967

Previews

White Background



This preview shows how the Yxy color 93.3289, 0.3243, 0.3752 looks on a white background.

Color Contrast Check

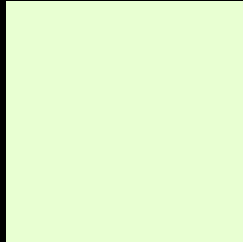
Large Text (above 18pt) WCAG AA × Fail

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 93.3289, 0.3243, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

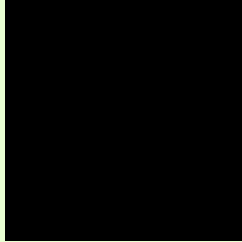
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

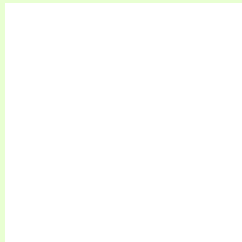
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.3289, 0.3243, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 93.3289, 0.3243, 0.3752.

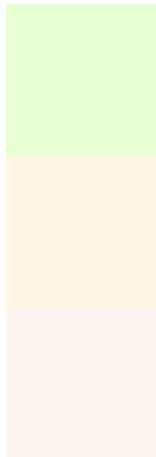


This preview shows how white text looks on a background with the Yxy color 93.3289, 0.3243, 0.3752.

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

93.3289, 0.3243, 0.3752

Protanopia

93.2178, 0.3313, 0.3506

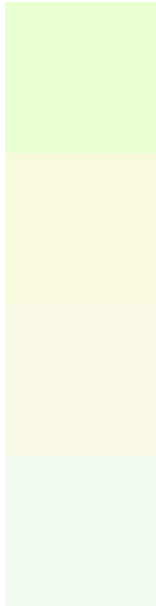
Deuteranopia

92.9157, 0.3216, 0.3329

Tritanopia

93.1540, 0.3068, 0.3212

Trichromacy



Original Color

93.3289, 0.3243, 0.3752

Protanomaly

93.3127, 0.3287, 0.3589

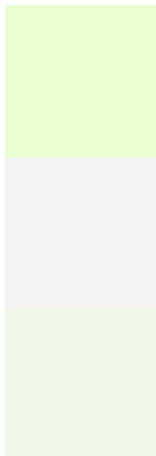
Deuteranomaly

93.2387, 0.3228, 0.3478

Tritanomaly

93.1285, 0.3128, 0.3399

Monochromacy



Original Color

93.3289, 0.3243, 0.3752

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.6418, 0.3171, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.3289, 0.3243, 0.3752 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(232, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 210)  
}
```

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(232, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 210) }
```

Border

The CSS property to change the border of an element to Yxy 93.3289, 0.3243, 0.3752 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(232, 255, 210) }
```

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

```
.border{ border-color:rgb(232, 255, 210) }
```

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

Here you see how a box with a 4 pixel rgb(232, 255, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3289, 0.3243, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 210) }
```

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

```
.background{ background-color: rgb(232,  
255, 210) }
```

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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