

Converting Colors

Yxy(93.4261, 0.3232, 0.3731)

Have a look what the booklet for
Yxy(93.4261, 0.3232, 0.3731)
contains.

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Color

Yxy(93.4293, 0.3232, 0.3731)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFD4
RGB	232, 255, 212
RGB Percent	91%, 100%, 83%
CMY	0.0900, 0.0000, 0.1686
CMYK	0.09, 0.00, 0.17, 0.00
HSL	92°, 100%, 92%
HSV	92°, 17%, 100%
XYZ	80.9337, 93.4293, 76.0506
YIQ	243.2210, 0.0950, -18.2490

Conversions

Conversions Part 2

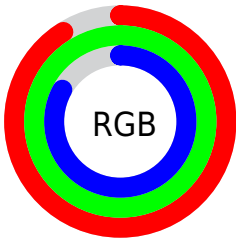
Format	Color
R_{YB}	212, 255, 235
Decimal	15269844
CIE _{Lab}	97.40, -14.89, 18.07
CIE _{LCh}	97, 23.411, 129.481
Y _{xy}	93.4293, 0.3232, 0.3731
Android (android.graphics.Color)	4293459924 (0xFFE8FFD4)
YUV	243.2210, -15.3920, -9.8408
Hunter-Lab	96.6588, -19.6927, 21.0122

Details

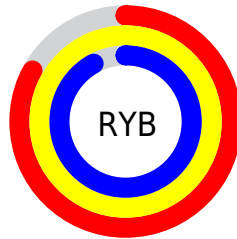
The Yxy color **93.4293, 0.3232, 0.3731** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.9555, 0.3006, 0.2852**, and the grayscale version is **89.9460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0526, 0.3252, 0.3832** is the 20% darker color. If you saturate the color by 10%, you get **90.0563, 0.3291, 0.4020**, and if you desaturate by 10%, it is **97.1899, 0.3170, 0.3462**.

Distribution



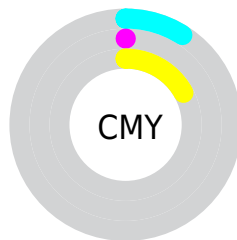
- Red (91%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (92%)



- Cyan (9%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (9%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.4293, 0.3232, 0.3731 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 93.4293, 0.3232, 0.3731 by changing the saturation by 10% instead.


 93.4293, 0.3232,
0.3731

 93.4293, 0.3232,
0.3731


539.1242, 0.3188,
0.3531

 70.8284, 0.3241,
0.3776


152.0928, 0.3218,
0.3662

 52.2022, 0.3251,
0.3830


188.9242, 0.3212,
0.3636

 37.1662, 0.3264,
0.3899


231.2679, 0.3207,
0.3612

 25.3362, 0.3279,
0.3987

279.5082, 0.3202,
0.3592

 16.3277, 0.3297,
0.4104

334.0296, 0.3198,
0.3574

 9.7564, 0.3319,
0.4268

395.2165, 0.3194,

 5.2377, 0.3344,

0.3558

0.4512

463.4533, 0.3191,
0.3544

■ 2.3874, 0.3367,
0.4915

■ 0.8194, 0.3364,
0.6636

■ 93.4293, 0.3232,
0.3731

■ 93.4293, 0.3232,
0.3731

■ 90.0563, 0.3291,
0.4020

■ 97.1899, 0.3170,
0.3462

■ 87.0452, 0.3344,
0.4323

99.9958, 0.3127,
0.3290

■ 84.3859, 0.3386,
0.4631

■ 82.0626, 0.3414,
0.4929

■ 80.0587, 0.3423,
0.5201

■ 78.3553, 0.3411,
0.5433

■ 76.9309, 0.3378,
0.5610

■ 75.7595, 0.3326,
0.5727

■ 75.4333, 0.3308,
0.5755

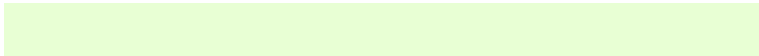
Harmonies

Analogous

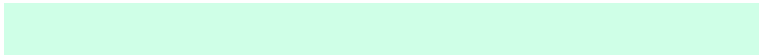
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4293, 0.3470, 0.3738



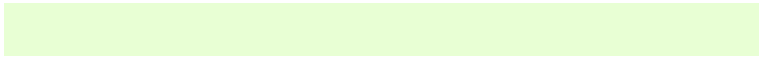
93.4293, 0.3232, 0.3731



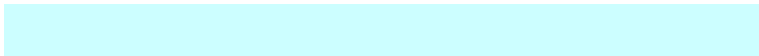
93.4293, 0.2973, 0.3590

Triad

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



93.4293, 0.3232, 0.3731



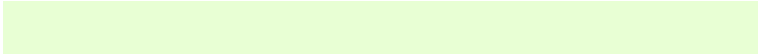
93.4293, 0.2656, 0.2940



93.4293, 0.3502, 0.3208

Complementary

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



93.4293, 0.3232, 0.3731



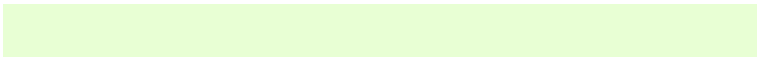
71.9555, 0.3006, 0.2852

Split Complementary

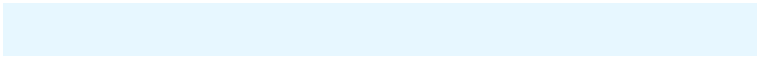
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.4293, 0.3270, 0.3016



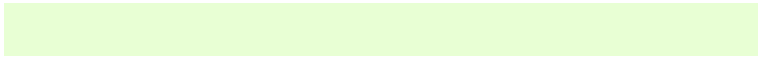
93.4293, 0.3232, 0.3731



93.4293, 0.2784, 0.2861

Square

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



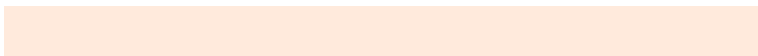
93.4293, 0.3232, 0.3731



93.4293, 0.2648, 0.3119



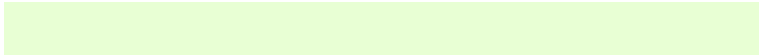
93.4293, 0.3006, 0.2891



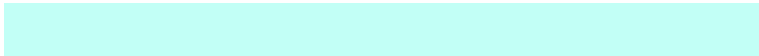
93.4293, 0.3631, 0.3427

Rectangle

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



93.4293, 0.3232, 0.3731



93.4293, 0.2823, 0.3442



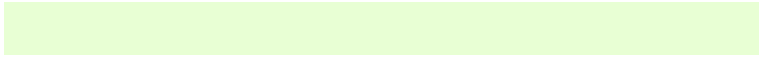
93.4293, 0.3006, 0.2891



93.4293, 0.3433, 0.3139

Sweetspot

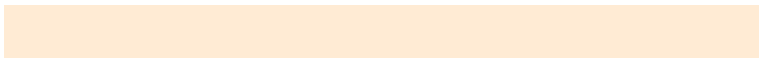
The Sweet Spot groups the original color and five complimentary colors.



93.4333, 0.3232, 0.3731



97.9383, 0.3158, 0.3414



85.3871, 0.3413, 0.3520



20.9025, 0.3163, 0.3432



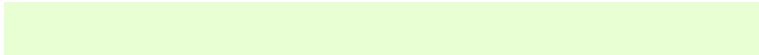
0.0000, 0.0000, 0.0000



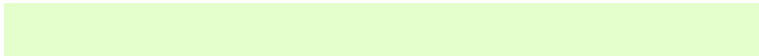
21.4041, 0.3127, 0.3290

Same Dimension

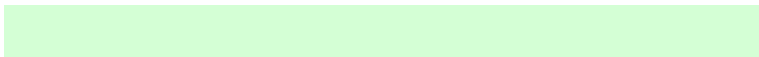
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.4333, 0.3232, 0.3731



92.3390, 0.3251, 0.3820



90.3380, 0.3098, 0.3732



20.5834, 0.3187, 0.3531



39.5048, 0.3320, 0.5746



3.9107, 0.3407, 0.5677

Inverse Universe

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



71.9555, 0.3006, 0.2852



67.4299, 0.2979, 0.2765



75.4708, 0.3156, 0.2884



17.8549, 0.3063, 0.3050



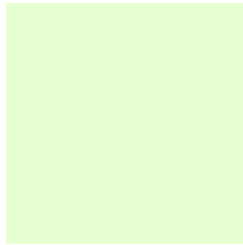
6.6000, 0.2088, 0.0924



0.7077, 0.2207, 0.0989

Previews

White Background



This preview shows how the Yxy color 93.4293, 0.3232, 0.3731 looks on a white background.

Color Contrast Check

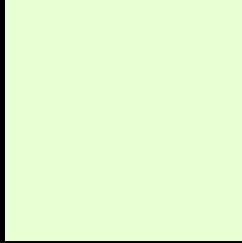
Large Text (above 18pt) WCAG AA × Fail

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 93.4293, 0.3232, 0.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

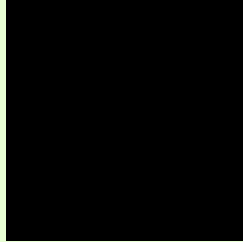
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

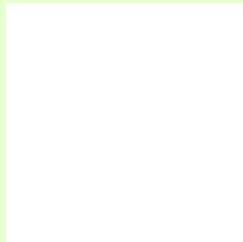
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.4293, 0.3232, 0.3731

Background



This preview shows how black text looks on a background with the Yxy color 93.4293, 0.3232, 0.3731.

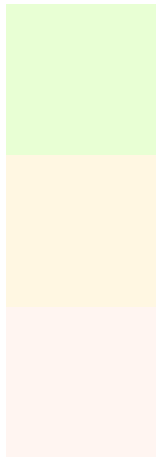


This preview shows how white text looks on a background with the Yxy color 93.4293, 0.3232, 0.3731.

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

93.4293, 0.3232, 0.3731

Protanopia

93.2725, 0.3307, 0.3496

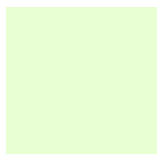
Deuteranopia

92.9157, 0.3216, 0.3329

Tritanopia

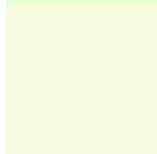
93.1540, 0.3068, 0.3212

Trichromacy



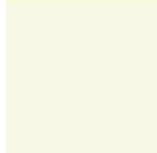
Original Color

93.4293, 0.3232, 0.3731



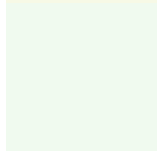
Protanomaly

93.3658, 0.3281, 0.3579



Deuteranomaly

93.2387, 0.3228, 0.3478



Tritanomaly

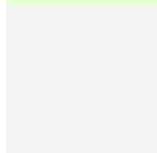
93.1285, 0.3128, 0.3399

Monochromacy



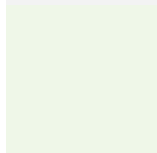
Original Color

93.4293, 0.3232, 0.3731



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.6984, 0.3165, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.4293, 0.3232, 0.3731 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 212) }
```

Border

The CSS property to change the border of an element to Yxy 93.4293, 0.3232, 0.3731 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, 212) }
```

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

```
.border{ border-color:rgb(232, 255, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 212);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 93.4293, 0.3232, 0.3731 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, 212) }
```

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

```
.background{ background-color: rgb(232,  
255, 212) }
```

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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