

Converting Colors

$Yxy(93.3316, 0.3236, 0.3742)$

Have a look what the booklet for
Yxy(93.3316, 0.3236, 0.3742)
contains.

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Color

Yxy(93.3790, 0.3237, 0.3742)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFD3
RGB	232, 255, 211
RGB Percent	91%, 100%, 83%
CMY	0.0905, 0.0000, 0.1726
CMYK	0.09, 0.00, 0.17, 0.00
HSL	91°, 100%, 91%
HSV	91°, 17%, 100%
XYZ	80.7771, 93.3790, 75.3869
YIQ	243.1070, 0.4160, -18.5600

Conversions

Conversions Part 2

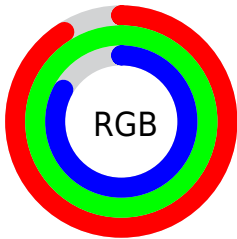
Format	Color
R_{YB}	211, 255, 234
Decimal	15269843
CIE _{Lab}	97.38, -15.10, 18.55
CIE _{LCh}	97, 23.922, 129.149
Y _{xy}	93.3790, 0.3237, 0.3742
Android (android.graphics.Color)	4293459923 (0xFFE8FFD3)
YUV	243.1070, -15.8288, -9.7408
Hunter-Lab	96.6328, -19.8961, 21.3886

Details

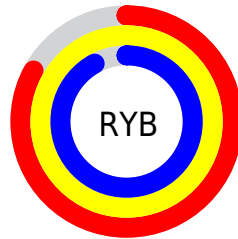
The Yxy color **93.3790, 0.3237, 0.3742** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.3074, 0.3000, 0.2841**, and the grayscale version is **89.8249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0186, 0.3260, 0.3845** is the 20% darker color. If you saturate the color by 10%, you get **90.0346, 0.3297, 0.4031**, and if you desaturate by 10%, it is **97.0703, 0.3174, 0.3472**.

Distribution



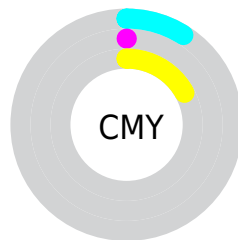
- Red (91%)
- Green (100%)
- Blue (83%)



- 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 93.3790, 0.3237, 0.3742 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 93.3790, 0.3237, 0.3742 by changing the saturation by 10% instead.


 93.3790, 0.3237,
0.3742

 93.3790, 0.3237,
0.3742


538.9624, 0.3191,
0.3537

 70.7866, 0.3246,
0.3788


152.0232, 0.3222,
0.3672

 52.1680, 0.3257,
0.3844


188.8438, 0.3216,
0.3644

 37.1390, 0.3271,
0.3914


231.1758, 0.3211,
0.3620

 25.3152, 0.3286,
0.4004

279.4038, 0.3206,
0.3599

 16.3120, 0.3305,
0.4125

333.9120, 0.3202,
0.3581

 9.7452, 0.3328,
0.4293

395.0850, 0.3198,

 5.2304, 0.3354,

0.3565

0.4543

463.3069, 0.3194,
0.3550

■ 2.3830, 0.3380,
0.4959

■ 0.8171, 0.3330,
0.6670

■ 93.3790, 0.3237,
0.3742

■ 93.3790, 0.3237,
0.3742

■ 90.0346, 0.3297,
0.4031

■ 97.0703, 0.3174,
0.3472

■ 87.0631, 0.3351,
0.4334

100.0000, 0.3127,
0.3290

■ 84.4372, 0.3395,
0.4639

■ 82.1415, 0.3424,
0.4935

■ 80.1594, 0.3433,
0.5205

■ 78.4722, 0.3421,
0.5433

■ 77.0587, 0.3388,
0.5607

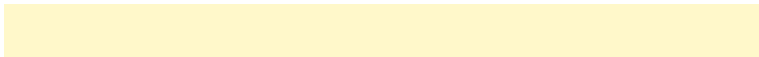
■ 75.8925, 0.3336,
0.5721

■ 75.6065, 0.3320,
0.5746

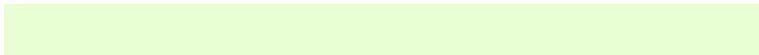
Harmonies

Analogous

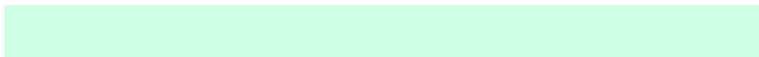
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3790, 0.3479, 0.3748



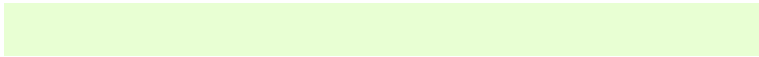
93.3790, 0.3237, 0.3742



93.3790, 0.2972, 0.3599

Triad

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



93.3790, 0.3237, 0.3742



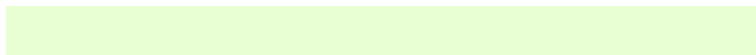
93.3790, 0.2645, 0.2934



93.3790, 0.3508, 0.3204

Complementary

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



93.3790, 0.3237, 0.3742



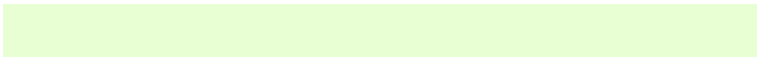
71.3074, 0.3000, 0.2841

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.



93.3790, 0.3270, 0.3008



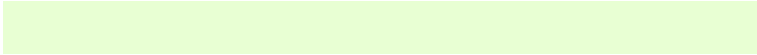
93.3790, 0.3237, 0.3742



93.3790, 0.2775, 0.2852

Square

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



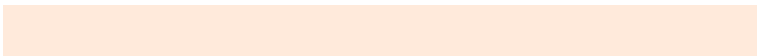
93.3790, 0.3237, 0.3742



93.3790, 0.2638, 0.3118



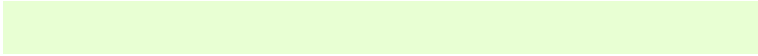
93.3790, 0.3001, 0.2881



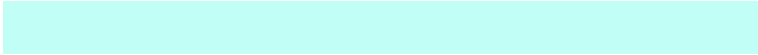
93.3790, 0.3642, 0.3427

Rectangle

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



93.3790, 0.3237, 0.3742



93.3790, 0.2819, 0.3448



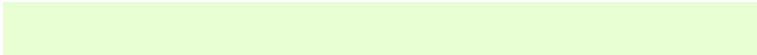
93.3790, 0.3001, 0.2881



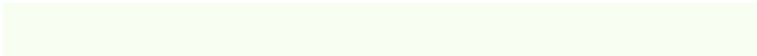
93.3790, 0.3437, 0.3133

Sweetspot

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



93.3659, 0.3237, 0.3742



97.9599, 0.3159, 0.3414



84.6540, 0.3422, 0.3518



20.9078, 0.3164, 0.3432



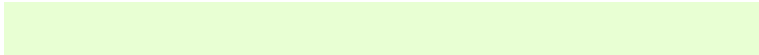
0.0000, 0.0000, 0.0000



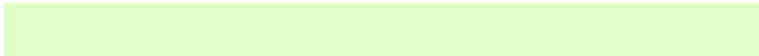
21.4041, 0.3127, 0.3290

Same Dimension

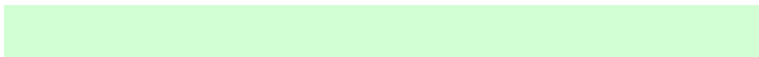
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3659, 0.3237, 0.3742



92.0766, 0.3260, 0.3848



90.1070, 0.3101, 0.3752



20.5919, 0.3188, 0.3531



39.5935, 0.3332, 0.5736



3.9196, 0.3419, 0.5668

Inverse Universe

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



71.3074, 0.3000, 0.2841



65.9483, 0.2967, 0.2736



75.0167, 0.3152, 0.2868



17.8464, 0.3061, 0.3050



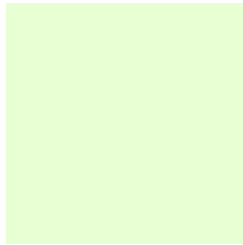
6.4977, 0.2069, 0.0914



0.6977, 0.2189, 0.0980

Previews

White Background



This preview shows how the Yxy color 93.3790, 0.3237, 0.3742 looks on a white background.

Color Contrast Check

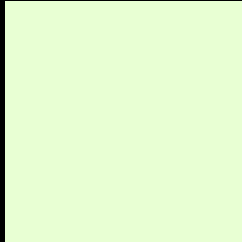
Large Text (above 18pt) WCAG AA × Fail

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 93.3790, 0.3237, 0.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

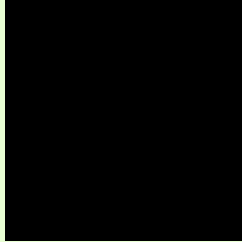
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

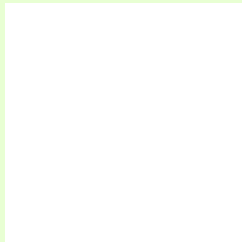
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.3790, 0.3237, 0.3742

Background



This preview shows how black text looks on a background with the Yxy color 93.3790, 0.3237, 0.3742.

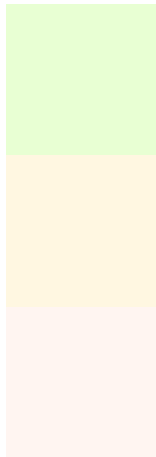


This preview shows how white text looks on a background with the Yxy color 93.3790, 0.3237, 0.3742.

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

93.3790, 0.3237, 0.3742

Protanopia

93.2178, 0.3313, 0.3506

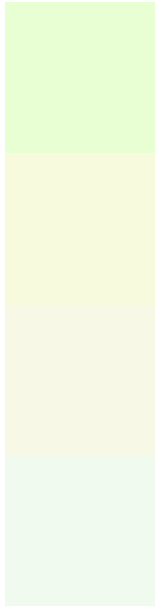
Deuteranopia

92.9157, 0.3216, 0.3329

Tritanopia

93.1540, 0.3068, 0.3212

Trichromacy



Original Color

93.3790, 0.3237, 0.3742

Protanomaly

93.3127, 0.3287, 0.3589

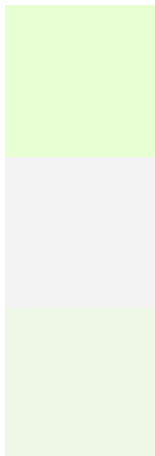
Deuteranomaly

93.2387, 0.3228, 0.3478

Tritanomaly

93.1285, 0.3128, 0.3399

Monochromacy



Original Color

93.3790, 0.3237, 0.3742

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 93.3790, 0.3237, 0.3742 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 211) }
```

Border

The CSS property to change the border of an element to Yxy 93.3790, 0.3237, 0.3742 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, 211) }
```

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

```
.border{ border-color:rgb(232, 255, 211) }
```

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, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 93.3790, 0.3237, 0.3742 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, 211) }
```

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

```
.background{ background-color: rgb(232,  
255, 211) }
```

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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