

Converting Colors

$Yxy(93.1250, 0.3119, 0.3598)$

Have a look what the booklet for
Yxy(93.1250, 0.3119, 0.3598)
contains.

Yxy(93.1250, 0.3119, 0.3598)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(93.1250, 0.3119, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFE1
RGB	226, 255, 225
RGB Percent	89%, 100%, 88%
CMY	0.1136, 0.0000, 0.1175
CMYK	0.11, 0.00, 0.12, 0.00
HSL	118°, 100%, 94%
HSV	118°, 12%, 100%
XYZ	80.7273, 93.1250, 84.9720
YIQ	242.9090, -7.6540, -15.4780

Conversions

Conversions Part 2

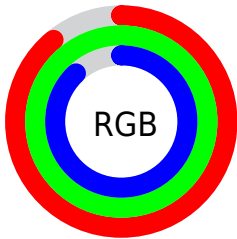
Format	Color
R_{YB}	225, 255, 254
Decimal	14876641
CIE _{Lab}	97.28, -14.76, 11.17
CIE _{LCh}	97, 18.509, 142.870
Y _{xy}	93.1250, 0.3119, 0.3598
Android (android.graphics.Color)	4293066721 (0xFFE2FFE1)
YUV	242.9090, -8.8291, -14.8292
Hunter-Lab	96.5013, -19.5547, 15.3444

Details

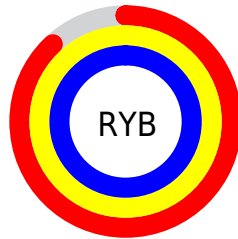
The Yxy color **93.1250, 0.3119, 0.3598** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.1506, 0.3134, 0.2999**, and the grayscale version is **89.6369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.9484, 0.3118, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **88.1380, 0.3110, 0.3898**, and if you desaturate by 10%, it is **98.9000, 0.3126, 0.3333**.

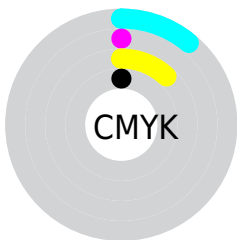
Distribution



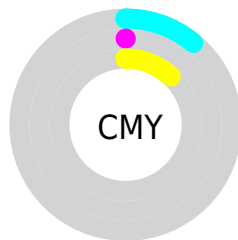
- Red (89%)
- Green (100%)
- Blue (88%)



- Red (88%)
- Yellow (100%)
- Blue (100%)



- Cyan (11%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (11%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.1250, 0.3119, 0.3598 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 93.1250, 0.3119, 0.3598 by changing the saturation by 10% instead.

 93.1250, 0.3119,
0.3598

 93.1250, 0.3119,
0.3598

538.1448, 0.3124,
0.3459

 70.5754, 0.3118,
0.3629

151.6717, 0.3121,
0.3550

 51.9958, 0.3116,
0.3667


188.4375, 0.3122,
0.3532

 37.0017, 0.3113,
0.3715


230.7109, 0.3122,
0.3515

 25.2088, 0.3109,
0.3776

278.8762, 0.3123,
0.3501

 16.2327, 0.3104,
0.3858

333.3179, 0.3123,
0.3489

 9.6890, 0.3094,
0.3974

394.4203, 0.3124,

 5.1932, 0.3078,

0.3478

0.4147

462.5678, 0.3124,
0.3468

■ 2.3611, 0.3044,
0.4435

■ 0.8058, 0.3102,
0.6162

■ 93.1250, 0.3119,
0.3598

■ 93.1250, 0.3119,
0.3598

■ 88.1380, 0.3110,
0.3898

■ 98.9000, 0.3126,
0.3333

■ 83.8935, 0.3099,
0.4229

99.9954, 0.3127,
0.3290

■ 80.3596, 0.3086,
0.4582

■ 77.4975, 0.3071,
0.4942

■ 75.2647, 0.3055,
0.5283

■ 73.6137, 0.3039,
0.5579

■ 72.4904, 0.3024,
0.5804

■ 71.8305, 0.3011,
0.5942

■ 71.5712, 0.3005,
0.5996

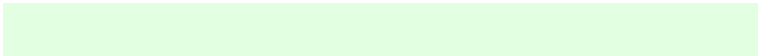
Harmonies

Analogous

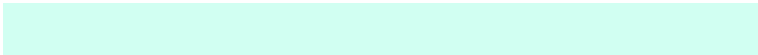
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1250, 0.3322, 0.3654



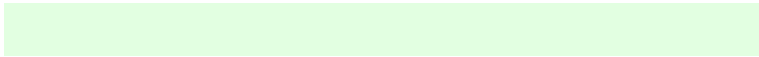
93.1250, 0.3119, 0.3598



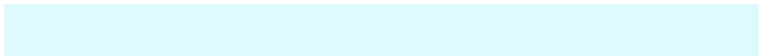
93.1250, 0.2923, 0.3451

Triad

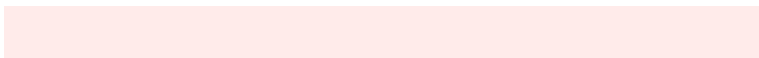
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.1250, 0.3119, 0.3598



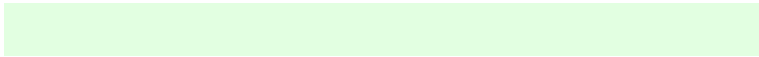
93.1250, 0.2787, 0.2974



93.1250, 0.3481, 0.3304

Complementary

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



93.1250, 0.3119, 0.3598



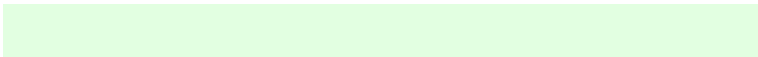
82.1506, 0.3134, 0.2999

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.



93.1250, 0.3329, 0.3135



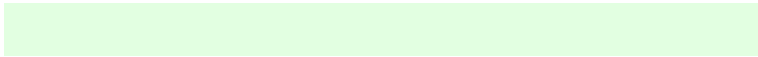
93.1250, 0.3119, 0.3598



93.1250, 0.2927, 0.2947

Square

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



93.1250, 0.3119, 0.3598



93.1250, 0.2736, 0.3085



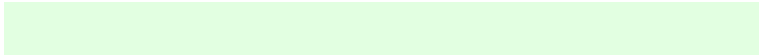
93.1250, 0.3125, 0.3007



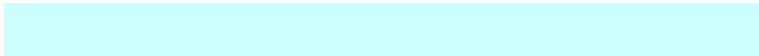
93.1250, 0.3535, 0.3475

Rectangle

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



93.1250, 0.3119, 0.3598



93.1250, 0.2822, 0.3324



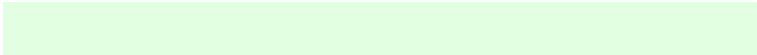
93.1250, 0.3125, 0.3007



93.1250, 0.3440, 0.3246

Sweetspot

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



93.1290, 0.3119, 0.3598



97.5392, 0.3125, 0.3389



97.2595, 0.3305, 0.3567



20.7814, 0.3124, 0.3409



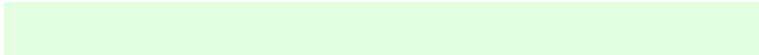
0.0000, 0.0000, 0.0000



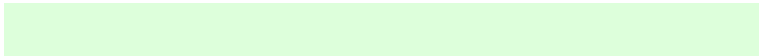
21.4041, 0.3127, 0.3290

Same Dimension

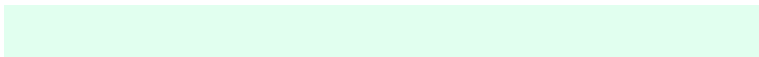
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.1290, 0.3119, 0.3598



91.9460, 0.3117, 0.3662



93.7304, 0.3037, 0.3458



20.1975, 0.3121, 0.3535



37.4126, 0.3007, 0.5995



3.6526, 0.3024, 0.5981

Inverse Universe

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



82.1506, 0.3134, 0.2999



79.0705, 0.3135, 0.2942



81.5048, 0.3229, 0.3128



18.2671, 0.3133, 0.3056



14.0566, 0.3124, 0.1495



1.3781, 0.3135, 0.1500

Previews

White Background



This preview shows how the Yxy color 93.1250, 0.3119, 0.3598 looks on a white background.

Color Contrast Check

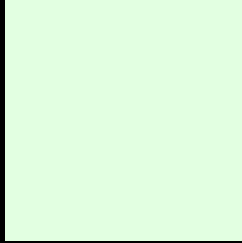
Large Text (above 18pt) WCAG AA × Fail

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 93.1250, 0.3119, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

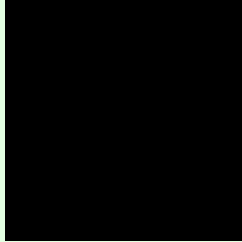
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

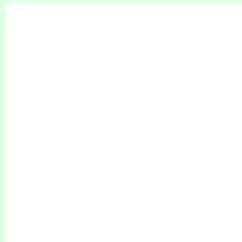
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.1250, 0.3119, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 93.1250, 0.3119, 0.3598.

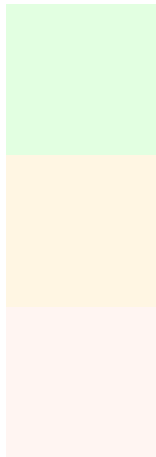


This preview shows how white text looks on a background with the Yxy color 93.1250, 0.3119, 0.3598.

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

93.1250, 0.3119, 0.3598

Protanopia

92.7176, 0.3302, 0.3476

Deuteranopia

92.9756, 0.3210, 0.3319

Tritanopia

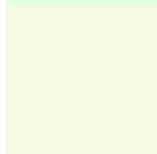
93.2320, 0.3049, 0.3221

Trichromacy



Original Color

93.1250, 0.3119, 0.3598



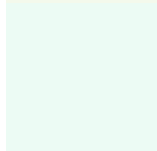
Protanomaly

92.4754, 0.3232, 0.3520



Deuteranomaly

93.0406, 0.3172, 0.3419



Tritanomaly

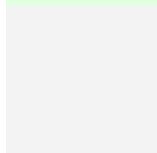
93.3589, 0.3074, 0.3360

Monochromacy



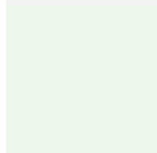
Original Color

93.1250, 0.3119, 0.3598



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.5822, 0.3128, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.1250, 0.3119, 0.3598 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(226, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(226, 255, 225)  
}
```

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(226, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 225) }
```

Border

The CSS property to change the border of an element to Yxy 93.1250, 0.3119, 0.3598 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(226, 255, 225) }
```

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

```
.border{ border-color:rgb(226, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 93.1250, 0.3119, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 255, 225) }
```

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

```
.background{ background-color: rgb(226,  
255, 225) }
```

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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