

Converting Colors

$Yxy(91.9379, 0.3108, 0.3524)$

Have a look what the booklet for
Yxy(91.9379, 0.3108, 0.3524)
contains.

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Color

Yxy(91.7719, 0.3110, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	E4FCE5
RGB	228, 252, 229
RGB Percent	89%, 99%, 90%
CMY	0.1059, 0.0117, 0.1021
CMYK	0.10, 0.00, 0.09, 0.01
HSL	122°, 80%, 94%
HSV	122°, 10%, 99%
XYZ	80.9446, 91.7719, 87.5555
YIQ	242.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

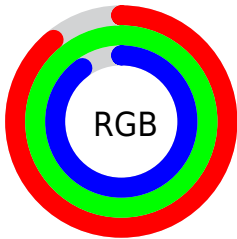
Format	Color
R_{YB}	228, 251, 252
Decimal	15006949
CIE _{Lab}	96.73, -11.96, 8.37
CIE _{LCh}	97, 14.597, 144.990
Yxy	91.7719, 0.3110, 0.3526
Android (android.graphics.Color)	4293197029 (0xFFE4FCE5)
YUV	242.2020, -6.5086, -12.4552
Hunter-Lab	95.7977, -16.8216, 12.8695

Details

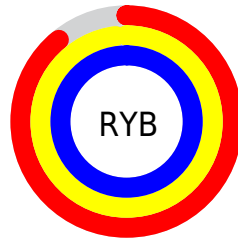
The Yxy color **91.7719, 0.3110, 0.3526** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.1510, 0.3144, 0.3065**, and the grayscale version is **89.0190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8569, 0.3098, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **86.6924, 0.3091, 0.3807**, and if you desaturate by 10%, it is **97.6481, 0.3128, 0.3279**.

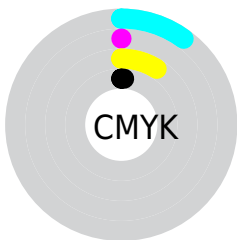
Distribution



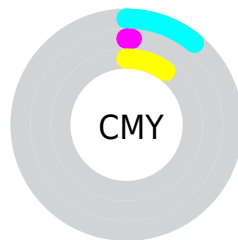
- Red (89%)
- Green (99%)
- Blue (90%)



- Red (89%)
- Yellow (98%)
- Blue (99%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)





- Cyan (11%)
- Magenta (1%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.7719, 0.3110, 0.3526 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 91.7719, 0.3110, 0.3526 by changing the saturation by 10% instead.

 91.7719, 0.3110,
0.3526

 91.7719, 0.3110,
0.3526


533.7781, 0.3119,
0.3419

 69.4512, 0.3108,
0.3550


149.7972, 0.3113,
0.3490

 51.0792, 0.3105,
0.3579


186.2706, 0.3114,
0.3475

 36.2717, 0.3102,
0.3615


228.2303, 0.3115,
0.3463

 24.6441, 0.3097,
0.3662

276.0608, 0.3116,
0.3452

 15.8121, 0.3091,
0.3725

330.1464, 0.3117,
0.3442

 9.3913, 0.3081,
0.3812

390.8716, 0.3117,

 4.9973, 0.3065,

0.3434

0.3944

458.6207, 0.3118,
0.3426

■ 2.2457, 0.3035,
0.4165

■ 0.7447, 0.3001,
0.5373

■ 91.7719, 0.3110,
0.3526

■ 91.7719, 0.3110,
0.3526

■ 86.6924, 0.3091,
0.3807

■ 97.6481, 0.3128,
0.3279

■ 82.3642, 0.3070,
0.4120

■ 98.1062, 0.3128,
0.3262

■ 78.7551, 0.3050,
0.4459

■ 75.8263, 0.3031,
0.4810

■ 73.5351, 0.3014,
0.5154

■ 71.8340, 0.3002,
0.5465

■ 70.6688, 0.2995,
0.5717

■ 69.9756, 0.2993,
0.5890

■ 69.6589, 0.2995,
0.5980

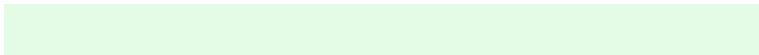
Harmonies

Analogous

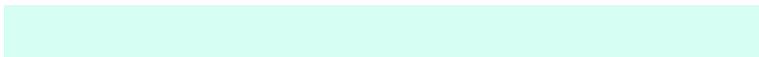
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.7719, 0.3272, 0.3577



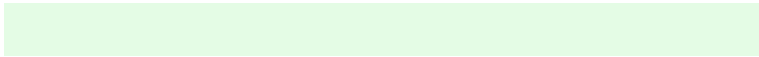
91.7719, 0.3110, 0.3526



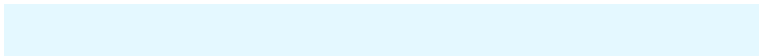
91.7719, 0.2956, 0.3407

Triad

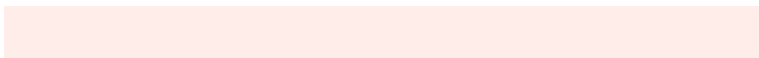
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.7719, 0.3110, 0.3526



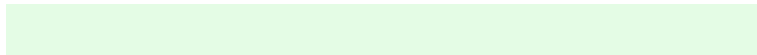
91.7719, 0.2862, 0.3035



91.7719, 0.3413, 0.3313

Complementary

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



91.7719, 0.3110, 0.3526



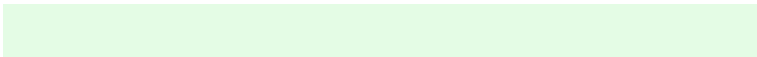
83.1510, 0.3144, 0.3065

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.



91.7719, 0.3298, 0.3176



91.7719, 0.3110, 0.3526



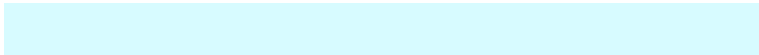
91.7719, 0.2979, 0.3018

Square

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



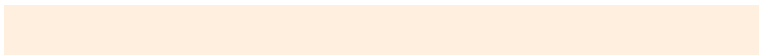
91.7719, 0.3110, 0.3526



91.7719, 0.2815, 0.3121



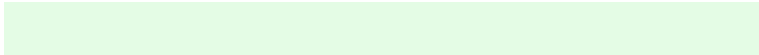
91.7719, 0.3138, 0.3069



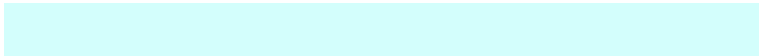
91.7719, 0.3449, 0.3448

Rectangle

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



91.7719, 0.3110, 0.3526



91.7719, 0.2878, 0.3307



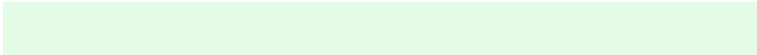
91.7719, 0.3138, 0.3069



91.7719, 0.3382, 0.3266

Sweetspot

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



91.7758, 0.3110, 0.3526



98.1141, 0.3122, 0.3361



95.7756, 0.3264, 0.3526



20.8953, 0.3120, 0.3381



0.0000, 0.0000, 0.0000



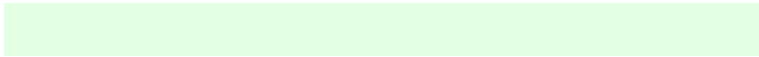
21.4041, 0.3127, 0.3290

Same Dimension

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



91.7758, 0.3110, 0.3526



93.4491, 0.3107, 0.3565



92.4594, 0.3042, 0.3403



19.3206, 0.3110, 0.3525



36.2830, 0.2993, 0.5975



3.3643, 0.2976, 0.5914

Inverse Universe

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



83.1510, 0.3144, 0.3065



83.3178, 0.3147, 0.3029



82.4278, 0.3221, 0.3179



17.5117, 0.3144, 0.3066



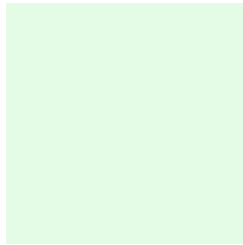
14.1186, 0.3313, 0.1599



1.3113, 0.3300, 0.1591

Previews

White Background



This preview shows how the Yxy color 91.7719, 0.3110, 0.3526 looks on a white background.

Color Contrast Check

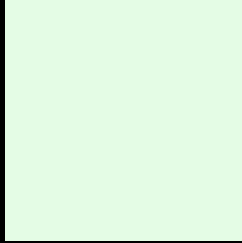
Large Text (above 18pt) WCAG AA × Fail

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 91.7719, 0.3110, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

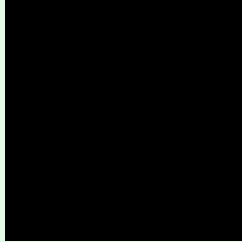
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

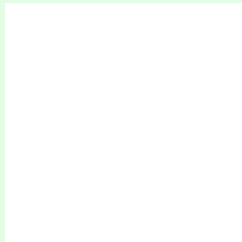
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.7719, 0.3110, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 91.7719, 0.3110, 0.3526.

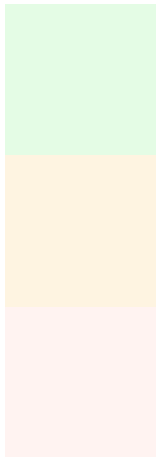


This preview shows how white text looks on a background with the Yxy color 91.7719, 0.3110, 0.3526.

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

91.7719, 0.3110, 0.3526

Protanopia

91.2084, 0.3310, 0.3477

Deuteranopia

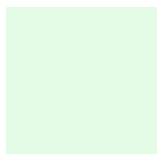
91.7121, 0.3218, 0.3310



Tritanopia

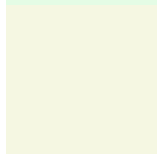
91.6568, 0.3037, 0.3201

Trichromacy



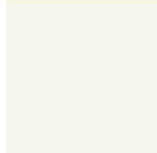
Original Color

91.7719, 0.3110, 0.3526



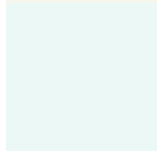
Protanomaly

91.4250, 0.3241, 0.3500



Deuteranomaly

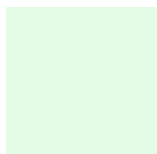
91.4384, 0.3175, 0.3379



Tritanomaly

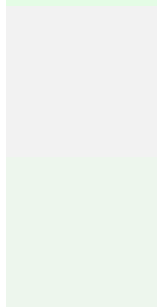
91.6215, 0.3063, 0.3310

Monochromacy



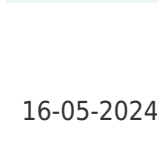
Original Color

91.7719, 0.3110, 0.3526



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.0305, 0.3123, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.7719, 0.3110, 0.3526 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(228, 252, 229)` looks like.

```
.text, #text, p{  
    color:rgb(228, 252, 229)  
}
```

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(228, 252, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 252, 229) }
```

Border

The CSS property to change the border of an element to Yxy 91.7719, 0.3110, 0.3526 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(228, 252, 229) }
```

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

```
.border{ border-color:rgb(228, 252, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 252, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 252, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 252, 229); box-shadow:4px 4px 4px 4px rgb(228, 252, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 91.7719, 0.3110, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 252, 229) }
```

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

```
.background{ background-color: rgb(228,  
252, 229) }
```

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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