

Converting Colors

$Yxy(92.4403, 0.3110, 0.3525)$

Have a look what the booklet for
Yxy(92.4403, 0.3110, 0.3525)
contains.

Yxy(92.6217, 0.3110, 0.3525)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.6217, 0.3110, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	E5FDE6
RGB	229, 253, 230
RGB Percent	90%, 99%, 90%
CMY	0.1020, 0.0078, 0.0981
CMYK	0.09, 0.00, 0.09, 0.01
HSL	122°, 86%, 95%
HSV	122°, 9%, 99%
XYZ	81.7173, 92.6217, 88.4176
YIQ	243.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

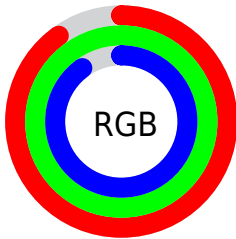
Format	Color
RYB	229, 252, 253
Decimal	15072742
CIELab	97.07, -11.95, 8.36
CIElCh	97, 14.585, 145.005
Yxy	92.6217, 0.3110, 0.3525
Android (android.graphics.Color)	4293262822 (0xFFE5FDE6)
YUV	243.2020, -6.5086, -12.4552
Hunter-Lab	96.2402, -16.8564, 12.8973

Details

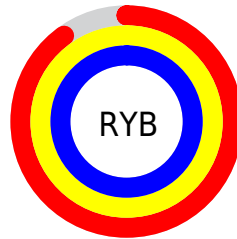
The Yxy color **92.6217, 0.3110, 0.3525** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.9501, 0.3144, 0.3066**, and the grayscale version is **89.8546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4592, 0.3098, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **87.4931, 0.3091, 0.3806**, and if you desaturate by 10%, it is **98.5545, 0.3128, 0.3278**.

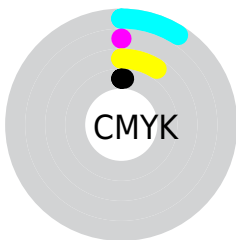
Distribution



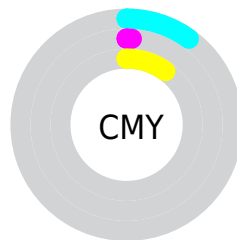
- Red (90%)
- Green (99%)
- Blue (90%)



- Red (90%)
- Yellow (99%)
- Blue (99%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6217, 0.3110, 0.3525 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 92.6217, 0.3110, 0.3525 by changing the saturation by 10% instead.

 92.6217, 0.3110,
0.3525

 92.6217, 0.3110,
0.3525

536.5227, 0.3119,
0.3419

 70.1571, 0.3108,
0.3549

150.9748, 0.3113,
0.3489

 51.6546, 0.3105,
0.3577

187.6320, 0.3114,
0.3475

 36.7299, 0.3102,
0.3613


229.7890, 0.3115,
0.3462

 24.9984, 0.3097,
0.3660

277.8300, 0.3116,
0.3451

 16.0759, 0.3091,
0.3722

332.1395, 0.3117,
0.3442

 9.5779, 0.3082,
0.3808

393.1018, 0.3117,

 5.1200, 0.3066,

0.3433

0.3938

461.1015, 0.3118,
0.3426

■ 2.3178, 0.3036,
0.4154

■ 0.7831, 0.3010,
0.5208

■ 92.6217, 0.3110,
0.3525

■ 92.6217, 0.3110,
0.3525

■ 87.4931, 0.3091,
0.3806


■ 98.5545, 0.3128,
0.3278


■ 83.1228, 0.3070,
0.4119


■ 98.7364, 0.3128,
0.3271


■ 79.4785, 0.3050,
0.4457


■ 76.5209, 0.3031,
0.4808

 74.2068, 0.3014,
0.5152

 72.4885, 0.3001,
0.5464

 71.3112, 0.2994,
0.5716

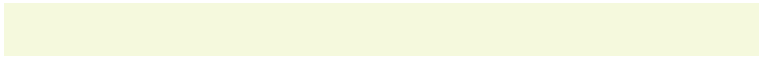
 70.6104, 0.2993,
0.5889

 70.2903, 0.2995,
0.5980

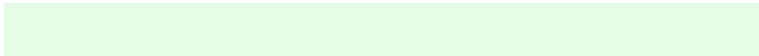
Harmonies

Analogous

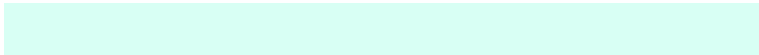
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6217, 0.3271, 0.3575



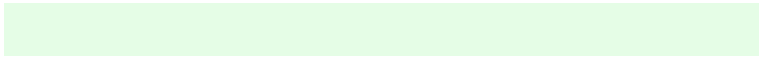
92.6217, 0.3110, 0.3525



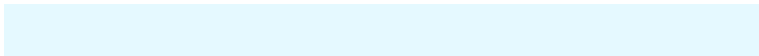
92.6217, 0.2957, 0.3406

Triad

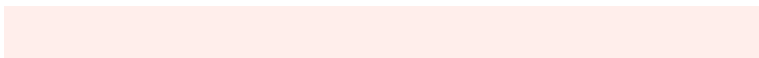
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.6217, 0.3110, 0.3525



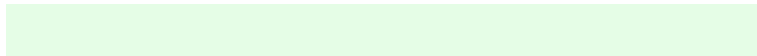
92.6217, 0.2863, 0.3036



92.6217, 0.3412, 0.3313

Complementary

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



92.6217, 0.3110, 0.3525



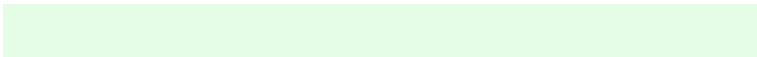
83.9501, 0.3144, 0.3066

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.



92.6217, 0.3297, 0.3176



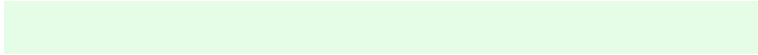
92.6217, 0.3110, 0.3525



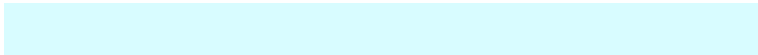
92.6217, 0.2979, 0.3019

Square

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



92.6217, 0.3110, 0.3525



92.6217, 0.2816, 0.3121



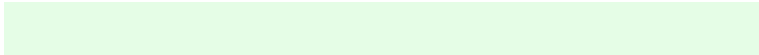
92.6217, 0.3138, 0.3070



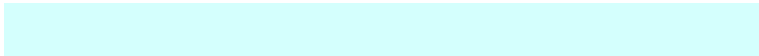
92.6217, 0.3448, 0.3447

Rectangle

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



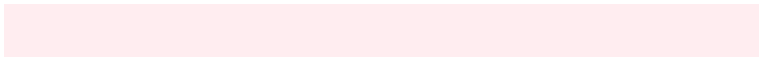
92.6217, 0.3110, 0.3525



92.6217, 0.2879, 0.3307



92.6217, 0.3138, 0.3070



92.6217, 0.3381, 0.3266

Sweetspot

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



92.6257, 0.3110, 0.3525



98.1143, 0.3122, 0.3361



96.6477, 0.3264, 0.3525



20.8953, 0.3120, 0.3381



0.0000, 0.0000, 0.0000



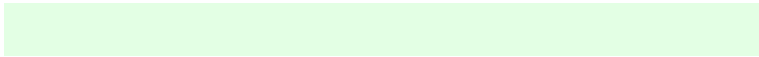
21.4041, 0.3127, 0.3290

Same Dimension

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



92.6257, 0.3110, 0.3525



93.4498, 0.3107, 0.3565



93.3126, 0.3043, 0.3403



20.1802, 0.3110, 0.3525



37.3879, 0.2993, 0.5975



3.6444, 0.2977, 0.5916

Inverse Universe

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



83.9501, 0.3144, 0.3066



83.3169, 0.3147, 0.3029



83.2236, 0.3220, 0.3180



18.2867, 0.3144, 0.3065



14.5447, 0.3315, 0.1600



1.4200, 0.3302, 0.1592

Previews

White Background



This preview shows how the Yxy color 92.6217, 0.3110, 0.3525 looks on a white background.

Color Contrast Check

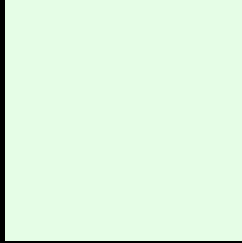
Large Text (above 18pt) WCAG AA × Fail

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 92.6217, 0.3110, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

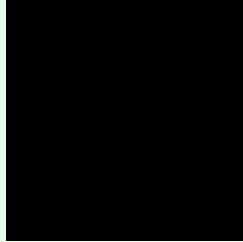
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

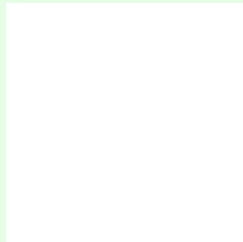
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6217, 0.3110, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 92.6217, 0.3110, 0.3525.

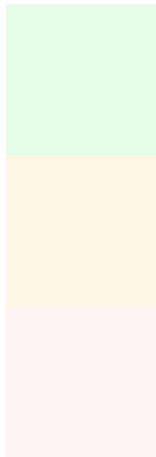


This preview shows how white text looks on a background with the Yxy color 92.6217, 0.3110, 0.3525.

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

92.6217, 0.3110, 0.3525

Protanopia

92.1109, 0.3303, 0.3467

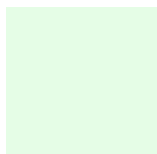
Deuteranopia

92.4324, 0.3205, 0.3300

Tritanopia

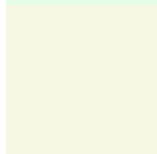
92.6188, 0.3049, 0.3211

Trichromacy



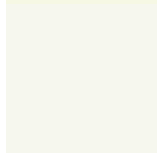
Original Color

92.6217, 0.3110, 0.3525



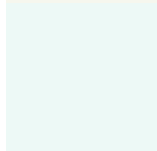
Protanomaly

92.3291, 0.3234, 0.3489



Deuteranomaly

92.2874, 0.3174, 0.3379



Tritanomaly

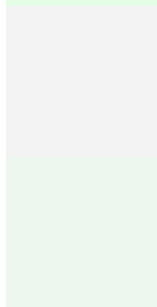
92.4097, 0.3069, 0.3320

Monochromacy



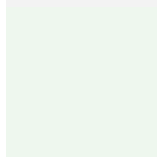
Original Color

92.6217, 0.3110, 0.3525



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.8717, 0.3123, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6217, 0.3110, 0.3525 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(229, 253, 230)` looks like.

```
.text, #text, p{  
    color:rgb(229, 253, 230)  
}
```

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(229, 253, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 253, 230) }
```

Border

The CSS property to change the border of an element to Yxy 92.6217, 0.3110, 0.3525 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(229, 253, 230) }
```

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

```
.border{ border-color:rgb(229, 253, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 253, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 253, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 253, 230);  
box-shadow:4px 4px 4px 4px rgb(229, 253,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6217, 0.3110, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 253, 230) }
```

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

```
.background{ background-color: rgb(229,  
253, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor