

Converting Colors

Yxy(95.6318, 0.3147, 0.3737)

Have a look what the booklet for
Yxy(95.6318, 0.3147, 0.3737)
contains.

Yxy(92.3770, 0.3152, 0.3685)	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(92.3770, 0.3152, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	E0FFD9
RGB	224, 255, 217
RGB Percent	88%, 100%, 85%
CMY	0.1217, 0.0000, 0.1491
CMYK	0.12, 0.00, 0.15, 0.00
HSL	109°, 100%, 93%
HSV	109°, 15%, 100%
XYZ	79.0156, 92.3770, 79.2913
YIQ	241.3990, -6.2780, -18.3900

Conversions

Conversions Part 2

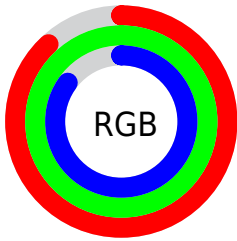
Format	Color
R _Y B	217, 255, 248
Decimal	14745561
CIE Lab	96.97, -16.82, 14.85
CIE LCh	97, 22.433, 138.560
Yxy	92.3770, 0.3152, 0.3685
Android (android.graphics.Color)	4292935641 (0xFFE0FFD9)
YUV	241.3990, -12.0287, -15.2589
Hunter-Lab	96.1130, -21.4508, 18.3660

Details

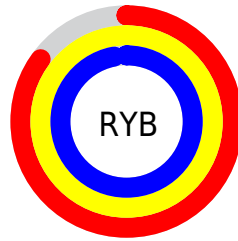
The Yxy color **92.3770, 0.3152, 0.3685** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.7874, 0.3096, 0.2914**, and the grayscale version is **88.3844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.4318, 0.3159, 0.3772** is the 20% darker color. If you saturate the color by 10%, you get **88.0228, 0.3166, 0.3987**, and if you desaturate by 10%, it is **97.3320, 0.3136, 0.3413**.

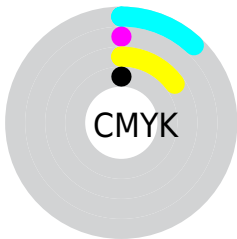
Distribution



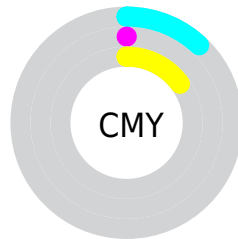
- Red (88%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (97%)



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (12%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3770, 0.3152, 0.3685 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 92.3770, 0.3152, 0.3685 by changing the saturation by 10% instead.


 92.3770, 0.3152,
0.3685

 92.3770, 0.3152,
0.3685

535.7332, 0.3143,
0.3505

 69.9538, 0.3153,
0.3725

150.6358, 0.3149,
0.3623

 51.4889, 0.3155,
0.3775


187.2402, 0.3148,
0.3599

 36.5978, 0.3156,
0.3837


229.3404, 0.3147,
0.3578

 24.8963, 0.3157,
0.3917

277.3209, 0.3146,
0.3560

 15.9998, 0.3157,
0.4024

331.5660, 0.3146,
0.3544

 9.5240, 0.3155,
0.4175

392.4602, 0.3145,

 5.0845, 0.3146,

0.3530

0.4403

460.3878, 0.3144,
0.3517

■ 2.2969, 0.3116,
0.4783

■ 0.7721, 0.2952,
0.7048

■ 92.3770, 0.3152,
0.3685

■ 92.3770, 0.3152,
0.3685

■ 88.0228, 0.3166,
0.3987

■ 97.3320, 0.3136,
0.3413

■ 84.2618, 0.3175,
0.4314

100.0000, 0.3127,
0.3290

■ 81.0629, 0.3178,
0.4655

■ 78.3985, 0.3173,
0.4996

■ 76.2388, 0.3160,
0.5315

■ 74.5508, 0.3136,
0.5587

■ 73.2972, 0.3105,
0.5793

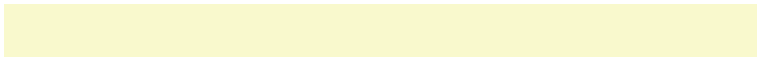
■ 72.4347, 0.3069,
0.5919

■ 72.1233, 0.3051,
0.5959

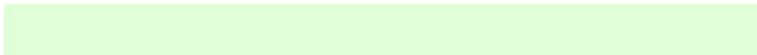
Harmonies

Analogous

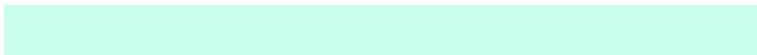
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3770, 0.3394, 0.3733



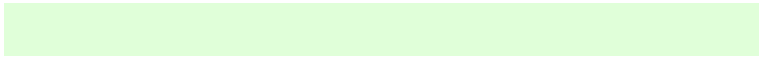
92.3770, 0.3152, 0.3685



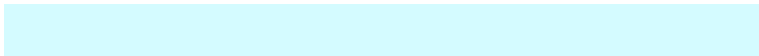
92.3770, 0.2910, 0.3517

Triad

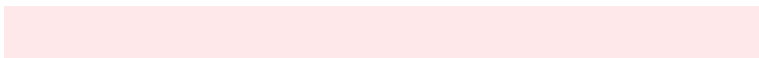
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.3770, 0.3152, 0.3685



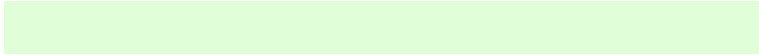
92.3770, 0.2699, 0.2919



92.3770, 0.3538, 0.3274

Complementary

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



92.3770, 0.3152, 0.3685



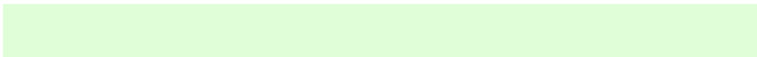
76.7874, 0.3096, 0.2914

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.



92.3770, 0.3339, 0.3077



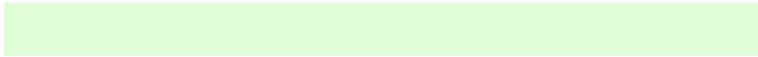
92.3770, 0.3152, 0.3685



92.3770, 0.2854, 0.2875

Square

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



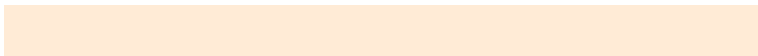
92.3770, 0.3152, 0.3685



92.3770, 0.2655, 0.3066



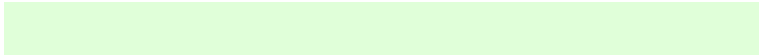
92.3770, 0.3086, 0.2933



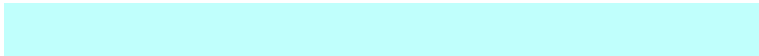
92.3770, 0.3623, 0.3484

Rectangle

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



92.3770, 0.3152, 0.3685



92.3770, 0.2780, 0.3365



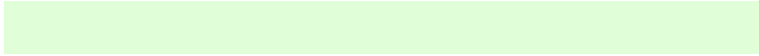
92.3770, 0.3086, 0.2933



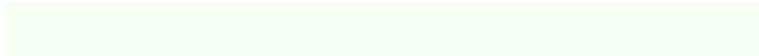
92.3770, 0.3482, 0.3205

Sweetspot

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



92.3715, 0.3152, 0.3685



97.8161, 0.3134, 0.3389



93.0314, 0.3362, 0.3590



20.8512, 0.3135, 0.3408



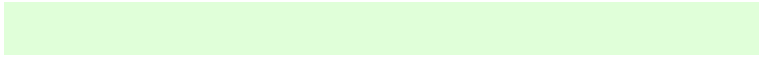
0.0000, 0.0000, 0.0000



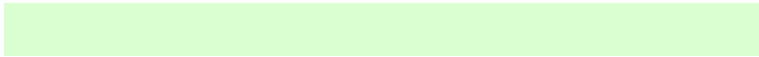
21.4041, 0.3127, 0.3290

Same Dimension

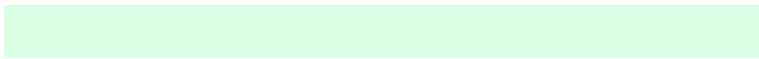
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3715, 0.3152, 0.3685



90.9648, 0.3157, 0.3775



91.8901, 0.3044, 0.3567



20.3290, 0.3143, 0.3534



37.7319, 0.3059, 0.5953



3.7149, 0.3125, 0.5901

Inverse Universe

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



76.7874, 0.3096, 0.2914



72.5621, 0.3088, 0.2834



77.3783, 0.3221, 0.3028



18.1213, 0.3108, 0.3054



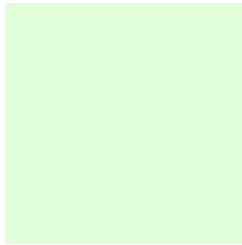
10.8439, 0.2746, 0.1286



1.0977, 0.2802, 0.1317

Previews

White Background



This preview shows how the Yxy color 92.3770, 0.3152, 0.3685 looks on a white background.

Color Contrast Check

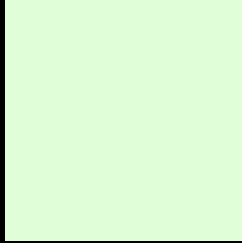
Large Text (above 18pt) WCAG AA × Fail

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 92.3770, 0.3152, 0.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

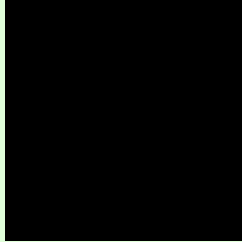
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

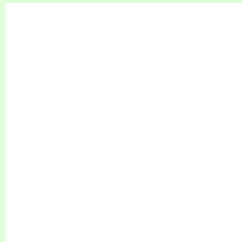
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3770, 0.3152, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 92.3770, 0.3152, 0.3685.

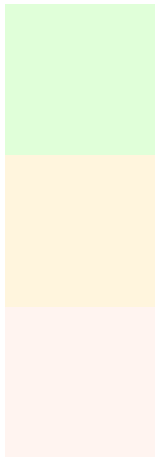


This preview shows how white text looks on a background with the Yxy color 92.3770, 0.3152, 0.3685.

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

92.3770, 0.3152, 0.3685

Protanopia

91.7853, 0.3341, 0.3527

Deuteranopia

92.2526, 0.3223, 0.3329

Tritanopia

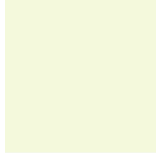
92.2668, 0.3036, 0.3211

Trichromacy



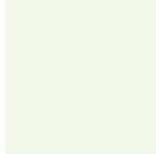
Original Color

92.3770, 0.3152, 0.3685



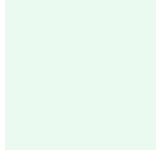
Protanomaly

92.1518, 0.3268, 0.3581



Deuteranomaly

92.1941, 0.3197, 0.3449



Tritanomaly

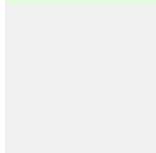
92.2145, 0.3079, 0.3380

Monochromacy



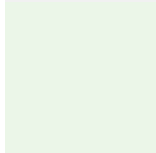
Original Color

92.3770, 0.3152, 0.3685



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.3999, 0.3140, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3770, 0.3152, 0.3685 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(224, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 217)  
}
```

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(224, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 217) }
```

Border

The CSS property to change the border of an element to Yxy 92.3770, 0.3152, 0.3685 is called "border". The border property can be set on classes, ids or directly on the HTML element.

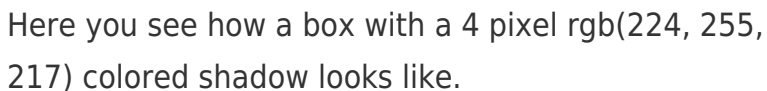
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 255, 217) }
```

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

```
.border{ border-color:rgb(224, 255, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(224, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 255, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 255, 217); box-shadow:4px 4px 4px 4px rgb(224, 255, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3770, 0.3152, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 217) }
```

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

```
.background{ background-color: rgb(224,  
255, 217) }
```

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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