

Converting Colors

$Yxy(92.6985, 0.3165, 0.3683)$

Have a look what the booklet for
Yxy(92.6985, 0.3165, 0.3683)
contains.

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Color

Yxy(92.6985, 0.3165, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	E2FFD9
RGB	226, 255, 217
RGB Percent	89%, 100%, 85%
CMY	0.1135, 0.0000, 0.1490
CMYK	0.11, 0.00, 0.15, 0.00
HSL	106°, 100%, 93%
HSV	106°, 15%, 100%
XYZ	79.6608, 92.6985, 79.3336
YIQ	241.9970, -5.0860, -17.9660

Conversions

Conversions Part 2

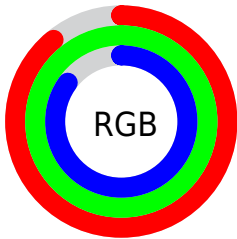
Format	Color
R _Y B	217, 255, 246
Decimal	14876633
CIE Lab	97.11, -16.10, 15.04
CIE LCh	97, 22.036, 136.957
Yxy	92.6985, 0.3165, 0.3683
Android (android.graphics.Color)	4293066713 (0xFFE2FFD9)
YUV	241.9970, -12.3235, -14.0294
Hunter-Lab	96.2801, -20.8016, 18.5418

Details

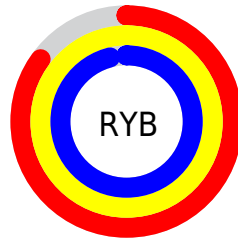
The Yxy color **92.6985, 0.3165, 0.3683** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.4212, 0.3081, 0.2913**, and the grayscale version is **88.9023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5428, 0.3167, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **88.5122, 0.3187, 0.3982**, and if you desaturate by 10%, it is **97.4532, 0.3140, 0.3412**.

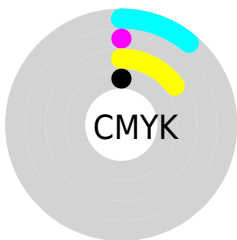
Distribution



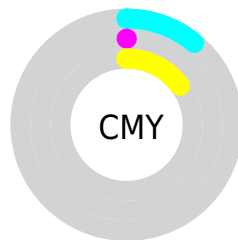
- Red (89%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.6985, 0.3165, 0.3683 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 92.6985, 0.3165, 0.3683 by changing the saturation by 10% instead.

 92.6985, 0.3165,
0.3683

 92.6985, 0.3165,
0.3683


536.7704, 0.3150,
0.3505

 70.2209, 0.3168,
0.3723


151.0811, 0.3161,
0.3622

 51.7067, 0.3171,
0.3772


187.7550, 0.3159,
0.3598

 36.7713, 0.3174,
0.3833

229.9297, 0.3157,
0.3577

 25.0305, 0.3177,
0.3913

277.9897, 0.3155,
0.3559

 16.0998, 0.3181,
0.4019

332.3194, 0.3154,
0.3543

 9.5948, 0.3183,
0.4168


393.3031, 0.3153,


 5.1311, 0.3181,


0.3529


461.3254, 0.3152,
0.3516


0.4392


 2.3244, 0.3162,
0.4765


 0.7866, 0.3107,
0.6893

 92.6985, 0.3165,
0.3683

 92.6985, 0.3165,
0.3683


 88.5122, 0.3187,
0.3982

 97.4532, 0.3140,
0.3412

 84.8613, 0.3205,
0.4304

99.9949, 0.3127,
0.3290

 81.7271, 0.3215,
0.4639

 79.0854, 0.3216,
0.4974

■ 76.9100, 0.3205,
0.5286

■ 75.1721, 0.3182,
0.5555

■ 73.8391, 0.3147,
0.5760

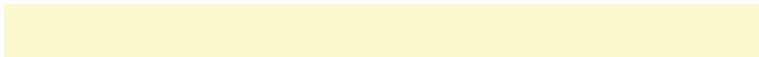
■ 72.8734, 0.3105,
0.5891

■ 72.5017, 0.3083,
0.5934

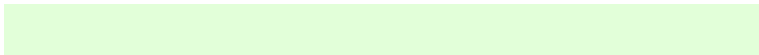
Harmonies

Analogous

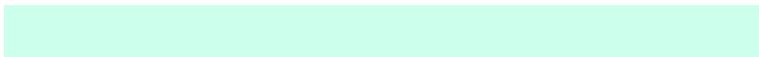
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.6985, 0.3401, 0.3723



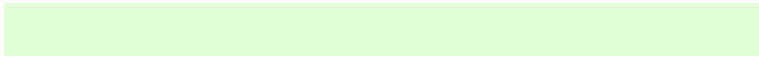
92.6985, 0.3165, 0.3683



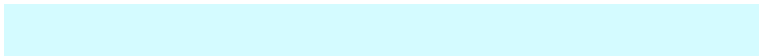
92.6985, 0.2926, 0.3524

Triad

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



92.6985, 0.3165, 0.3683



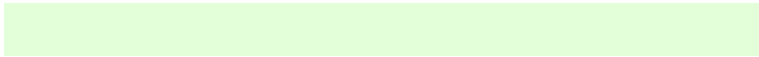
92.6985, 0.2702, 0.2932



92.6985, 0.3522, 0.3264

Complementary

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



92.6985, 0.3165, 0.3683



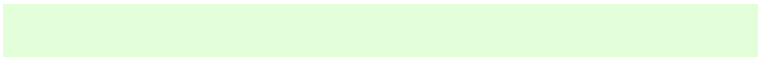
76.4212, 0.3081, 0.2913

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.



92.6985, 0.3322, 0.3071



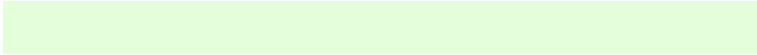
92.6985, 0.3165, 0.3683



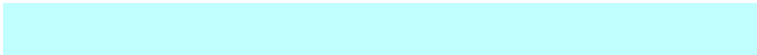
92.6985, 0.2849, 0.2882

Square

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



92.6985, 0.3165, 0.3683



92.6985, 0.2665, 0.3080



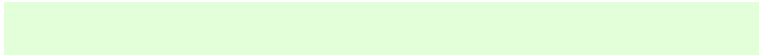
92.6985, 0.3074, 0.2934



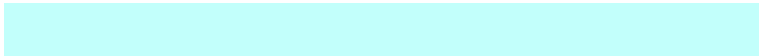
92.6985, 0.3613, 0.3470

Rectangle

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



92.6985, 0.3165, 0.3683



92.6985, 0.2796, 0.3376



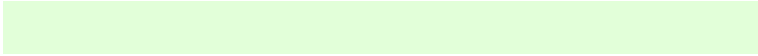
92.6985, 0.3074, 0.2934



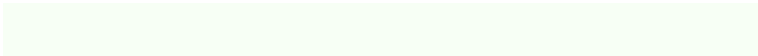
92.6985, 0.3465, 0.3196

Sweetspot

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



92.7025, 0.3165, 0.3683



97.9170, 0.3138, 0.3389



91.8709, 0.3365, 0.3571



20.8767, 0.3140, 0.3408



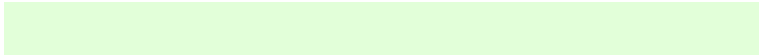
0.0000, 0.0000, 0.0000



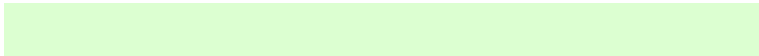
21.4041, 0.3127, 0.3290

Same Dimension

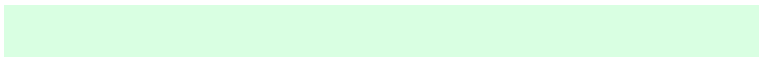
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7025, 0.3165, 0.3683



91.3519, 0.3172, 0.3773



91.7836, 0.3055, 0.3587



20.3773, 0.3152, 0.3533



37.9429, 0.3092, 0.5927



3.7420, 0.3167, 0.5867

Inverse Universe

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



76.4212, 0.3081, 0.2913



72.1120, 0.3070, 0.2831



77.5033, 0.3208, 0.3010



18.0692, 0.3100, 0.3053



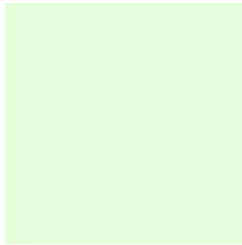
9.8492, 0.2610, 0.1212



1.0089, 0.2682, 0.1251

Previews

White Background



This preview shows how the Yxy color 92.6985, 0.3165, 0.3683 looks on a white background.

Color Contrast Check

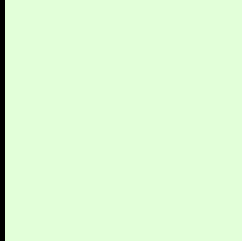
Large Text (above 18pt) WCAG AA × Fail

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 92.6985, 0.3165, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

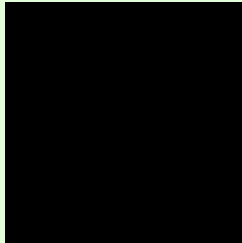
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

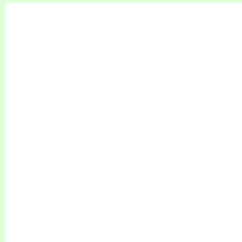
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.6985, 0.3165, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 92.6985, 0.3165, 0.3683.

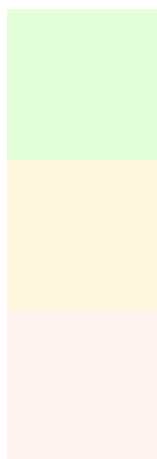


This preview shows how white text looks on a background with the Yxy color 92.6985, 0.3165, 0.3683.

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

92.6985, 0.3165, 0.3683

Protanopia

92.4992, 0.3327, 0.3516

Deuteranopia

92.2526, 0.3223, 0.3329

Tritanopia

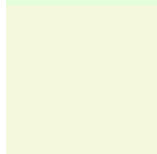
92.6188, 0.3049, 0.3211

Trichromacy



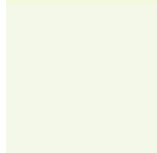
Original Color

92.6985, 0.3165, 0.3683



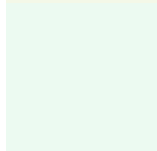
Protanomaly

92.2049, 0.3262, 0.3571



Deuteranomaly

92.1941, 0.3197, 0.3449



Tritanomaly

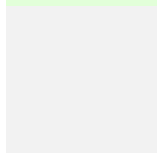
92.5550, 0.3091, 0.3380

Monochromacy



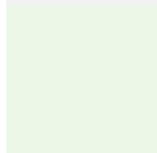
Original Color

92.6985, 0.3165, 0.3683



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.2376, 0.3140, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.6985, 0.3165, 0.3683 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(226, 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(226, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 255, 217) }
```

Border

The CSS property to change the border of an element to Yxy 92.6985, 0.3165, 0.3683 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, 217) }
```

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

```
.border{ border-color:rgb(226, 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(226, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(226, 255,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 92.6985, 0.3165, 0.3683 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, 217) }
```

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

```
.background{ background-color: rgb(226,  
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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