

Converting Colors

Yxy(93.4067, 0.3066, 0.3543)

Have a look what the booklet for
Yxy(93.4067, 0.3066, 0.3543)
contains.

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Color

Yxy(92.9775, 0.3066, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	DFFFE7
RGB	223, 255, 231
RGB Percent	87%, 100%, 91%
CMY	0.1258, 0.0000, 0.0941
CMYK	0.13, 0.00, 0.09, 0.00
HSL	135°, 100%, 94%
HSV	135°, 13%, 100%
XYZ	80.5963, 92.9775, 89.2973
YIQ	242.6960, -11.3680, -14.2480

Conversions

Conversions Part 2

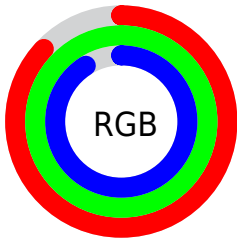
Format	Color
R _Y B	223, 249, 255
Decimal	14680039
CIE Lab	97.22, -14.76, 8.00
CIE LCh	97, 16.783, 151.544
Yxy	92.9775, 0.3066, 0.3537
Android (android.graphics.Color)	4292870119 (0xFFDFFFEE7)
YUV	242.6960, -5.7661, -17.2734
Hunter-Lab	96.4248, -19.5450, 12.5900

Details

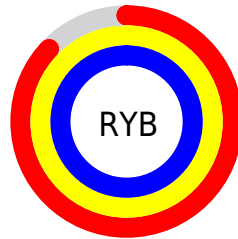
The Yxy color $92.9775, 0.3066, 0.3537$ is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be $80.7034, 0.3195, 0.3055$, and the grayscale version is $89.4061, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $51.8081, 0.3059, 0.3595$ is the 20% darker color. If you saturate the color by 10%, you get $88.1966, 0.3018, 0.3761$, and if you desaturate by 10%, it is $98.4604, 0.3115, 0.3337$.

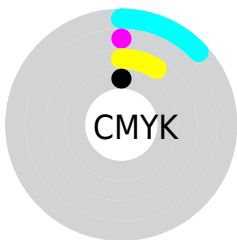
Distribution



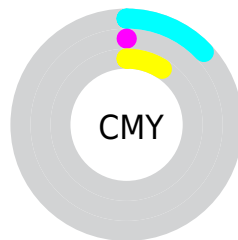
- Red (87%)
- Green (100%)
- Blue (91%)



- Red (87%)
- Yellow (98%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (13%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9775, 0.3066, 0.3537 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 92.9775, 0.3066, 0.3537 by changing the saturation by 10% instead.

 92.9775, 0.3066,
0.3537

 92.9775, 0.3066,
0.3537


537.6697, 0.3094,
0.3426

 70.4528, 0.3060,
0.3562


151.4675, 0.3076,
0.3499

 51.8958, 0.3052,
0.3592


188.2015, 0.3080,
0.3484

 36.9220, 0.3042,
0.3630

230.4408, 0.3083,
0.3471

 25.1471, 0.3029,
0.3679

278.5697, 0.3086,
0.3460

 16.1867, 0.3012,
0.3744

332.9727, 0.3088,
0.3450

 9.6564, 0.2987,
0.3836

394.0341, 0.3090,

 5.1717, 0.2949,

0.3441

0.3974

462.1383, 0.3092,
0.3433

■ 2.3484, 0.2883,
0.4203

■ 0.7991, 0.2646,
0.5294

■ 92.9775, 0.3066,
0.3537

■ 92.9775, 0.3066,
0.3537

■ 88.1966, 0.3018,
0.3761

■ 98.4604, 0.3115,
0.3337

■ 84.1248, 0.2973,
0.4010

100.0000, 0.3127,
0.3290

■ 80.7163, 0.2932,
0.4280

■ 77.9351, 0.2900,
0.4564

■ 75.7418, 0.2879,
0.4853

■ 74.0924, 0.2872,
0.5133

■ 72.9363, 0.2881,
0.5388

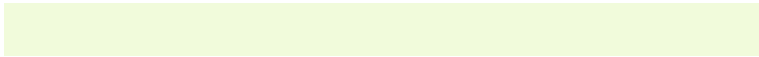
■ 72.2130, 0.2903,
0.5603

■ 71.8926, 0.2926,
0.5733

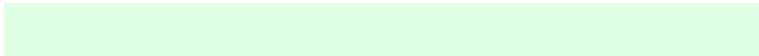
Harmonies

Analogous

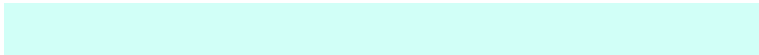
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9775, 0.3253, 0.3614



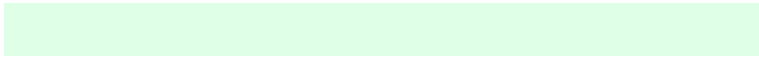
92.9775, 0.3066, 0.3537



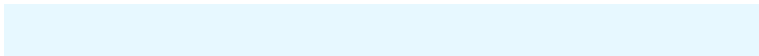
92.9775, 0.2899, 0.3387

Triad

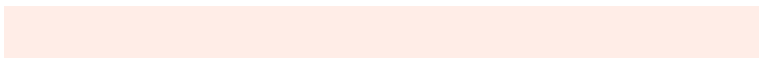
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.9775, 0.3066, 0.3537



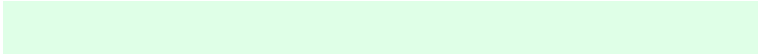
92.9775, 0.2847, 0.2987



92.9775, 0.3472, 0.3350

Complementary

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



92.9775, 0.3066, 0.3537



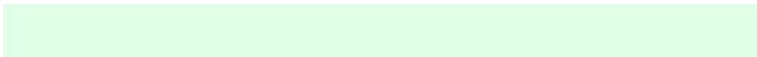
80.7034, 0.3195, 0.3055

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.



92.9775, 0.3357, 0.3192



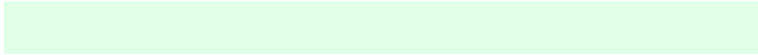
92.9775, 0.3066, 0.3537



92.9775, 0.2994, 0.2986

Square

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



92.9775, 0.3066, 0.3537



92.9775, 0.2775, 0.3068



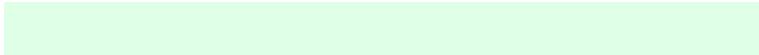
92.9775, 0.3181, 0.3060



92.9775, 0.3492, 0.3499

Rectangle

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



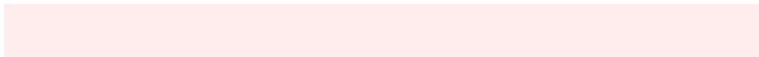
92.9775, 0.3066, 0.3537



92.9775, 0.2820, 0.3271



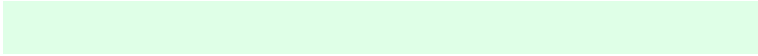
92.9775, 0.3181, 0.3060



92.9775, 0.3444, 0.3296

Sweetspot

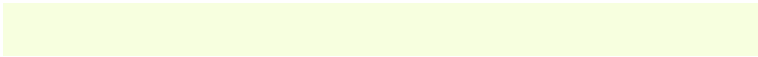
The Sweet Spot groups the original color and five complimentary colors.



92.9648, 0.3066, 0.3537



97.6347, 0.3108, 0.3364



96.6140, 0.3264, 0.3607



20.8055, 0.3104, 0.3379



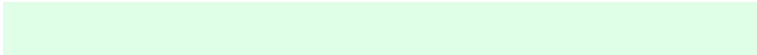
0.0000, 0.0000, 0.0000



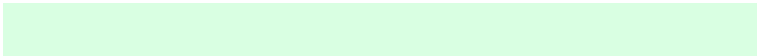
21.4041, 0.3127, 0.3290

Same Dimension

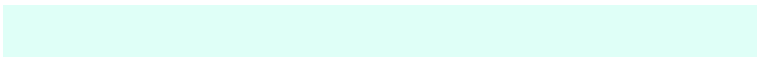
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9648, 0.3066, 0.3537



91.7454, 0.3054, 0.3589



93.9095, 0.2978, 0.3371



20.2432, 0.3081, 0.3473



37.5855, 0.2919, 0.5707



3.6762, 0.2860, 0.5495

Inverse Universe

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



80.7034, 0.3195, 0.3055



77.3720, 0.3209, 0.3009



79.7590, 0.3302, 0.3211



18.2176, 0.3177, 0.3114



13.0947, 0.3971, 0.1961



1.2925, 0.3865, 0.1903

Previews

White Background



This preview shows how the Yxy color 92.9775, 0.3066, 0.3537 looks on a white background.

Color Contrast Check

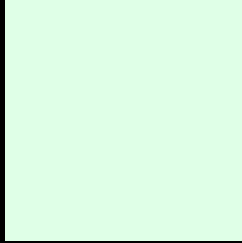
Large Text (above 18pt) WCAG AA × Fail

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 92.9775, 0.3066, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

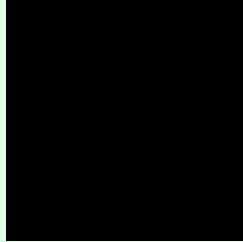
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

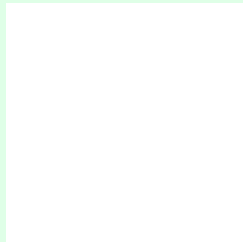
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.9775, 0.3066, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 92.9775, 0.3066, 0.3537.

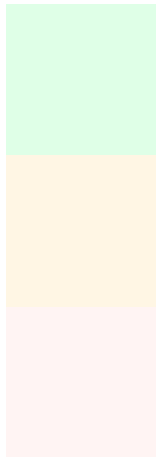


This preview shows how white text looks on a background with the Yxy color 92.9775, 0.3066, 0.3537.

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

92.9775, 0.3066, 0.3537

Protanopia

92.7730, 0.3296, 0.3466

Deuteranopia

92.4324, 0.3205, 0.3300

Tritanopia

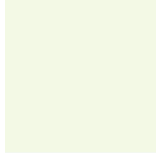
93.0556, 0.3042, 0.3221

Trichromacy



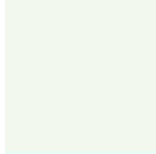
Original Color

92.9775, 0.3066, 0.3537



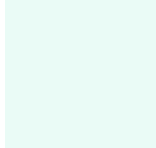
Protanomaly

92.4632, 0.3208, 0.3490



Deuteranomaly

92.4215, 0.3149, 0.3379



Tritanomaly

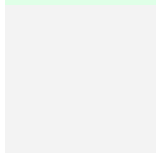
93.1406, 0.3050, 0.3340

Monochromacy



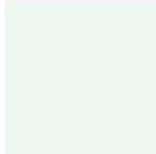
Original Color

92.9775, 0.3066, 0.3537



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.5864, 0.3104, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9775, 0.3066, 0.3537 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(223, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 231)  
}
```

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(223, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 231) }
```

Border

The CSS property to change the border of an element to Yxy 92.9775, 0.3066, 0.3537 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(223, 255, 231) }
```

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

```
.border{ border-color:rgb(223, 255, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 255, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
231) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 92.9775, 0.3066, 0.3537$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 255, 231) }
```

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

```
.background{ background-color: rgb(223,  
255, 231) }
```

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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