

Converting Colors

$Yxy(92.9700, 0.3073, 0.3546)$

Have a look what the booklet for
Yxy(92.9700, 0.3073, 0.3546)
contains.

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Color

Yxy(92.9211, 0.3072, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	DFFFE6
RGB	223, 255, 230
RGB Percent	87%, 100%, 90%
CMY	0.1255, 0.0000, 0.0979
CMYK	0.13, 0.00, 0.10, 0.00
HSL	133°, 100%, 94%
HSV	133°, 13%, 100%
XYZ	80.4775, 92.9211, 88.5724
YIQ	242.5820, -11.0470, -14.5590

Conversions

Conversions Part 2

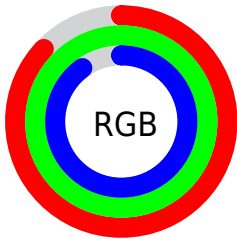
Format	Color
R _Y B	223, 249, 255
Decimal	14680038
CIE Lab	97.20, -14.89, 8.47
CIE LCh	97, 17.128, 150.379
Yxy	92.9211, 0.3072, 0.3547
Android (android.graphics.Color)	4292870118 (0xFFDFFFE6)
YUV	242.5820, -6.2029, -17.1734
Hunter-Lab	96.3956, -19.6686, 12.9987

Details

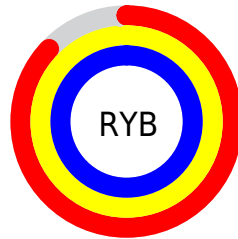
The Yxy color **92.9211, 0.3072, 0.3547** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.8142, 0.3187, 0.3046**, and the grayscale version is **89.3377, 0.3127, 0.3290**.

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 **88.1176, 0.3028, 0.3782**, and if you desaturate by 10%, it is **98.4666, 0.3116, 0.3339**.

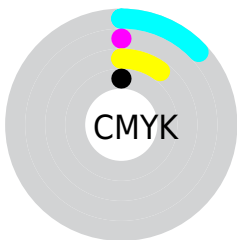
Distribution



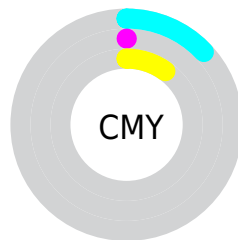
- Red (87%)
- Green (100%)
- Blue (90%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9211, 0.3072, 0.3547 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 92.9211, 0.3072, 0.3547 by changing the saturation by 10% instead.

 92.9211, 0.3072,
0.3547

 92.9211, 0.3072,
0.3547


537.4880, 0.3098,
0.3431

 70.4059, 0.3066,
0.3573


151.3894, 0.3081,
0.3507

 51.8575, 0.3059,
0.3605


188.1113, 0.3084,
0.3492

 36.8915, 0.3050,
0.3644


230.3375, 0.3087,
0.3478

 25.1235, 0.3038,
0.3695

278.4525, 0.3090,
0.3466

 16.1691, 0.3022,
0.3763

332.8407, 0.3092,
0.3456

 9.6439, 0.2999,
0.3859

393.8864, 0.3094,

 5.1635, 0.2963,

0.3447

0.4003

461.9740, 0.3096,
0.3438

■ 2.3435, 0.2900,
0.4242

■ 0.7966, 0.2686,
0.5435

■ 92.9211, 0.3072,
0.3547

■ 92.9211, 0.3072,
0.3547

■ 88.1176, 0.3028,
0.3782

■ 98.4666, 0.3116,
0.3339

■ 84.0181, 0.2987,
0.4041

100.0000, 0.3127,
0.3290

■ 80.5911, 0.2950,
0.4323

■ 77.8001, 0.2920,
0.4619

■ 75.6049, 0.2901,
0.4918

■ 73.9608, 0.2894,
0.5204

■ 72.8165, 0.2902,
0.5460

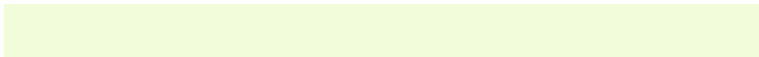
■ 72.1105, 0.2922,
0.5671

■ 71.8049, 0.2943,
0.5793

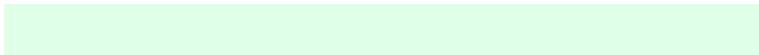
Harmonies

Analogous

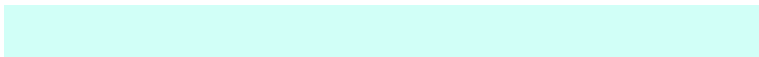
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9211, 0.3263, 0.3623



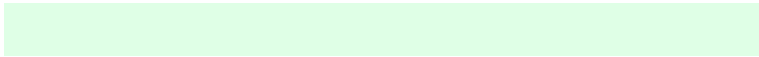
92.9211, 0.3072, 0.3547



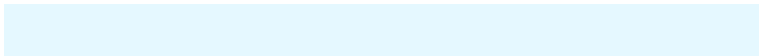
92.9211, 0.2900, 0.3396

Triad

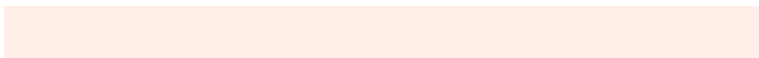
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.9211, 0.3072, 0.3547



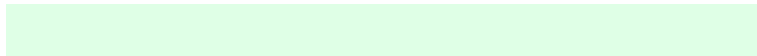
92.9211, 0.2837, 0.2983



92.9211, 0.3477, 0.3345

Complementary

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



92.9211, 0.3072, 0.3547



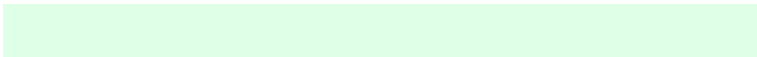
80.8142, 0.3187, 0.3046

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.



92.9211, 0.3356, 0.3184



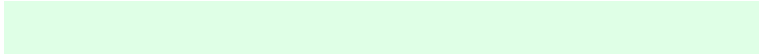
92.9211, 0.3072, 0.3547



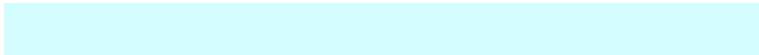
92.9211, 0.2985, 0.2979

Square

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



92.9211, 0.3072, 0.3547



92.9211, 0.2767, 0.3068



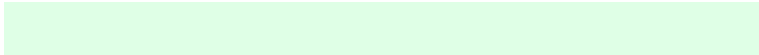
92.9211, 0.3174, 0.3052



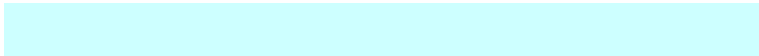
92.9211, 0.3501, 0.3498

Rectangle

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



92.9211, 0.3072, 0.3547



92.9211, 0.2817, 0.3277



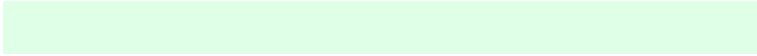
92.9211, 0.3174, 0.3052



92.9211, 0.3446, 0.3290

Sweetspot

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



92.9232, 0.3072, 0.3547



97.6142, 0.3110, 0.3368



96.8168, 0.3271, 0.3606



20.8004, 0.3106, 0.3383



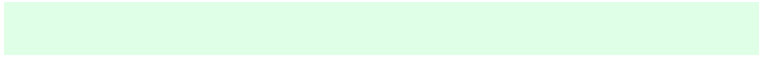
0.0000, 0.0000, 0.0000



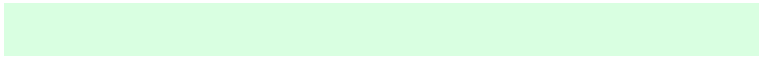
21.4041, 0.3127, 0.3290

Same Dimension

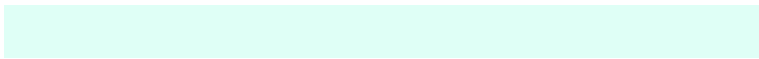
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9232, 0.3072, 0.3547



91.6773, 0.3061, 0.3602



93.8586, 0.2984, 0.3382



20.2334, 0.3085, 0.3481



37.5376, 0.2936, 0.5769



3.6703, 0.2880, 0.5568

Inverse Universe

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



80.8142, 0.3187, 0.3046



77.4483, 0.3201, 0.2997



79.8682, 0.3294, 0.3200



18.2281, 0.3172, 0.3106



13.2883, 0.3857, 0.1899



1.3099, 0.3768, 0.1850

Previews

White Background



This preview shows how the Yxy color 92.9211, 0.3072, 0.3547 looks on a white background.

Color Contrast Check

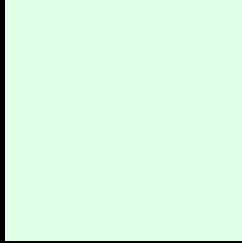
Large Text (above 18pt) WCAG AA × Fail

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 92.9211, 0.3072, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

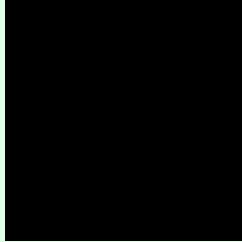
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

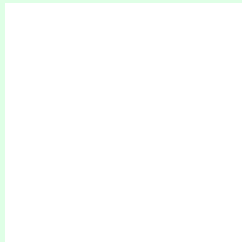
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.9211, 0.3072, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 92.9211, 0.3072, 0.3547.

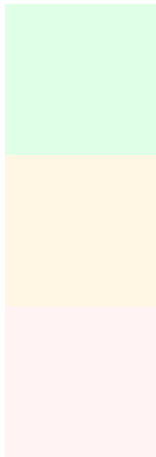


This preview shows how white text looks on a background with the Yxy color 92.9211, 0.3072, 0.3547.

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

92.9211, 0.3072, 0.3547

Protanopia

92.7176, 0.3302, 0.3476

Deuteranopia

92.4324, 0.3205, 0.3300

Tritanopia

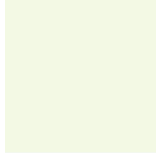
93.0556, 0.3042, 0.3221

Trichromacy



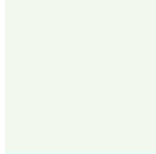
Original Color

92.9211, 0.3072, 0.3547



Protanomaly

92.4075, 0.3214, 0.3500



Deuteranomaly

92.3625, 0.3154, 0.3389



Tritanomaly

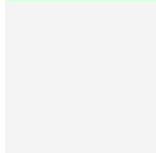
93.1406, 0.3050, 0.3340

Monochromacy



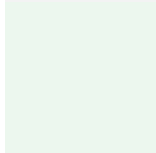
Original Color

92.9211, 0.3072, 0.3547



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.5274, 0.3110, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9211, 0.3072, 0.3547 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(223, 255, 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(223, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 255, 230) }
```

Border

The CSS property to change the border of an element to Yxy 92.9211, 0.3072, 0.3547 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, 230) }
```

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

```
.border{ border-color:rgb(223, 255, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(223, 255,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9211, 0.3072, 0.3547 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, 230) }
```

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

```
.background{ background-color: rgb(223,  
255, 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](#).

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