

Converting Colors

$Yxy(92.9653, 0.3022, 0.3478)$

Have a look what the booklet for
Yxy(92.9653, 0.3022, 0.3478)
contains.

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Color

Yxy(93.0066, 0.3021, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	DDF FED
RGB	221, 255, 237
RGB Percent	87%, 100%, 93%
CMY	0.1334, 0.0000, 0.0707
CMYK	0.13, 0.00, 0.07, 0.00
HSL	148°, 100%, 93%
HSV	148°, 13%, 100%
XYZ	80.8555, 93.0066, 93.7828
YIQ	242.7820, -14.4860, -12.8060

Conversions

Conversions Part 2

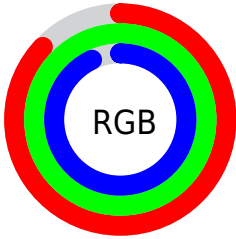
Format	Color
R _Y B	221, 244, 255
Decimal	14548973
CIE Lab	97.23, -14.30, 4.93
CIE LCh	97, 15.127, 160.963
Yxy	93.0066, 0.3021, 0.3475
Android (android.graphics.Color)	4292739053 (0xFFDDFFED)
YUV	242.7820, -2.8505, -19.1028
Hunter-Lab	96.4399, -19.1149, 9.8515

Details

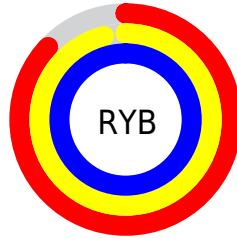
The Yxy color **93.0066, 0.3021, 0.3475** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.1951, 0.3249, 0.3112**, and the grayscale version is **89.4680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.8314, 0.3001, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **88.5379, 0.2944, 0.3632**, and if you desaturate by 10%, it is **98.1322, 0.3100, 0.3334**.

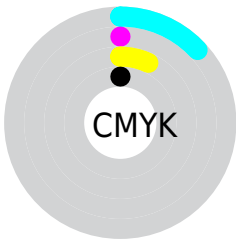
Distribution



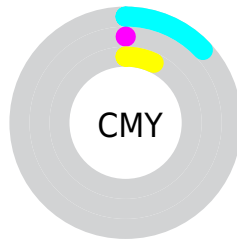
- Red (87%)
- Green (100%)
- Blue (93%)



- Red (87%)
- Yellow (96%)
- Blue (100%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (13%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.0066, 0.3021, 0.3475 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 93.0066, 0.3021, 0.3475 by changing the saturation by 10% instead.


 93.0066, 0.3021,
0.3475

 93.0066, 0.3021,
0.3475

537.7634, 0.3069,
0.3392

 70.4770, 0.3010,
0.3493


151.5077, 0.3037,
0.3447

 51.9155, 0.2998,
0.3516


188.2481, 0.3044,
0.3435

 36.9377, 0.2982,
0.3544


230.4941, 0.3049,
0.3426

 25.1593, 0.2961,
0.3580

278.6302, 0.3054,
0.3417

 16.1958, 0.2934,
0.3628

333.0408, 0.3058,
0.3410

 9.6628, 0.2896,
0.3695

394.1103, 0.3062,

 5.1760, 0.2839,

0.3403

0.3796

462.2230, 0.3066,
0.3397

■ 2.3509, 0.2746,
0.3961

■ 0.8004, 0.2368,
0.4604

■ 93.0066, 0.3021,
0.3475

■ 93.0066, 0.3021,
0.3475

■ 88.5379, 0.2944,
0.3632

■ 98.1322, 0.3100,
0.3334

■ 84.7133, 0.2873,
0.3806

100.0000, 0.3127,
0.3290

■ 81.4968, 0.2811,
0.3994

■ 78.8549, 0.2761,
0.4195

■ 76.7508, 0.2726,
0.4403

■ 75.1436, 0.2710,
0.4615

■ 73.9855, 0.2714,
0.4822

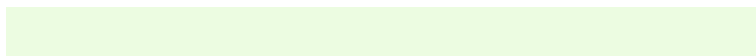
■ 73.2191, 0.2738,
0.5019

■ 72.8716, 0.2762,
0.5142

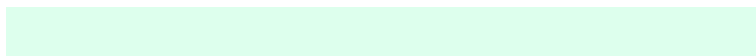
Harmonies

Analogous

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



93.0066, 0.3189, 0.3568



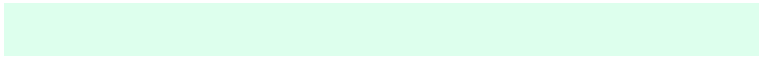
93.0066, 0.3021, 0.3475



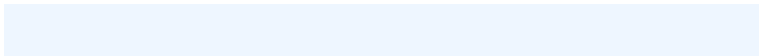
93.0066, 0.2884, 0.3329

Triad

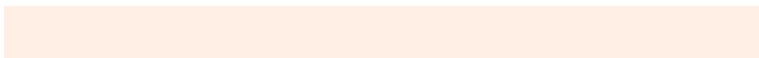
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.0066, 0.3021, 0.3475



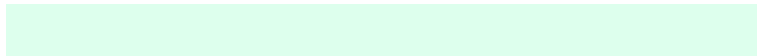
93.0066, 0.2910, 0.3008



93.0066, 0.3454, 0.3390

Complementary

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



93.0066, 0.3021, 0.3475



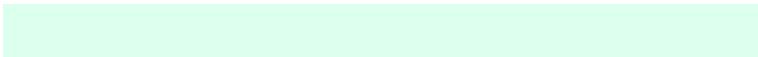
79.1951, 0.3249, 0.3112

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.



93.0066, 0.3375, 0.3245



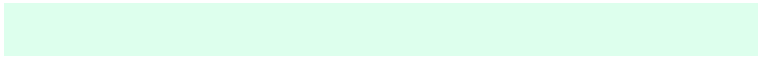
93.0066, 0.3021, 0.3475



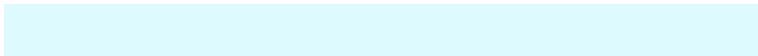
93.0066, 0.3058, 0.3029

Square

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



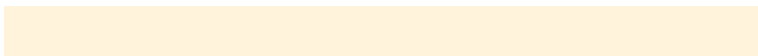
93.0066, 0.3021, 0.3475



93.0066, 0.2821, 0.3060



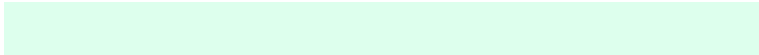
93.0066, 0.3229, 0.3115



93.0066, 0.3442, 0.3513

Rectangle

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



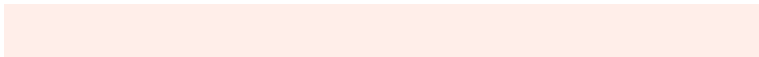
93.0066, 0.3021, 0.3475



93.0066, 0.2827, 0.3225



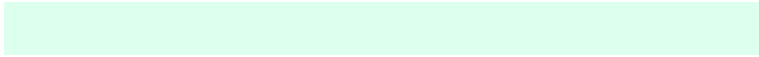
93.0066, 0.3229, 0.3115



93.0066, 0.3437, 0.3342

Sweetspot

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



93.0013, 0.3021, 0.3475



97.7731, 0.3095, 0.3342



95.1117, 0.3225, 0.3632



20.8405, 0.3089, 0.3353



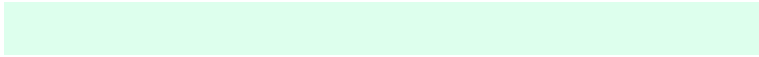
0.0000, 0.0000, 0.0000



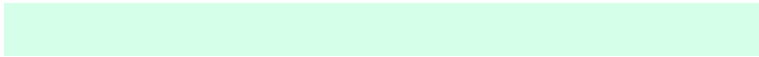
21.4041, 0.3127, 0.3290

Same Dimension

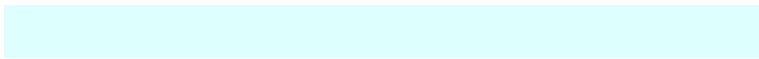
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.0013, 0.3021, 0.3475



91.7506, 0.3000, 0.3515



94.0361, 0.2929, 0.3301



20.3103, 0.3051, 0.3419



38.1066, 0.2753, 0.5112



3.7322, 0.2693, 0.4896

Inverse Universe

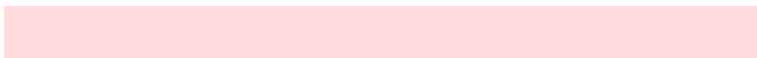
The Inverse Universe completely reimagines the original color for something new.



79.1951, 0.3249, 0.3112



75.5007, 0.3277, 0.3075



78.2422, 0.3365, 0.3279



18.1480, 0.3211, 0.3165



12.0560, 0.4836, 0.2438



1.1959, 0.4599, 0.2307

Previews

White Background



This preview shows how the Yxy color 93.0066, 0.3021, 0.3475 looks on a white background.

Color Contrast Check

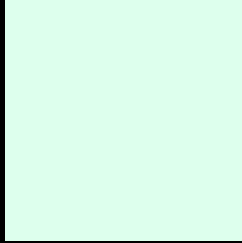
Large Text (above 18pt) WCAG AA × Fail

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 93.0066, 0.3021, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

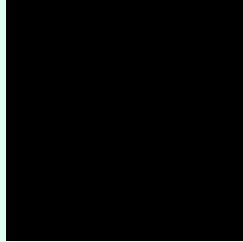
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

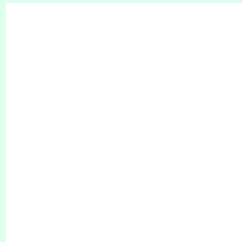
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.0066, 0.3021, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 93.0066, 0.3021, 0.3475.

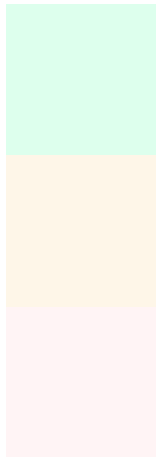


This preview shows how white text looks on a background with the Yxy color 93.0066, 0.3021, 0.3475.

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

93.0066, 0.3021, 0.3475

Protanopia

92.8086, 0.3264, 0.3427

Deuteranopia

92.5539, 0.3193, 0.3281



Tritanopia

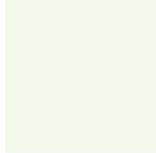
92.8801, 0.3036, 0.3221

Trichromacy



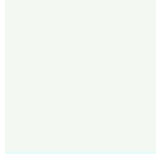
Original Color

93.0066, 0.3021, 0.3475



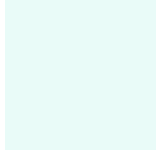
Protanomaly

92.5691, 0.3171, 0.3440



Deuteranomaly

92.6003, 0.3131, 0.3349



Tritanomaly

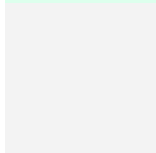
93.0953, 0.3033, 0.3320

Monochromacy



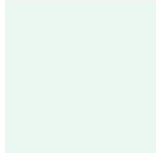
Original Color

93.0066, 0.3021, 0.3475



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.5346, 0.3086, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.0066, 0.3021, 0.3475 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(221, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 237)  
}
```

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(221, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 93.0066, 0.3021, 0.3475 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(221, 255, 237) }
```

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

```
.border{ border-color:rgb(221, 255, 237) }
```

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

Here you see how a box with a 4 pixel rgb(221, 255, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 93.0066, 0.3021, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 237) }
```

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

```
.background{ background-color: rgb(221,  
255, 237) }
```

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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