

Converting Colors

Yxy(91.8772, 0.3005, 0.3515)

Have a look what the booklet for
Yxy(91.8772, 0.3005, 0.3515)
contains.

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Color

Yxy(91.8503, 0.3007, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	D7FFE9
RGB	215, 255, 233
RGB Percent	84%, 100%, 91%
CMY	0.1569, 0.0000, 0.0863
CMYK	0.16, 0.00, 0.09, 0.00
HSL	147°, 100%, 92%
HSV	147°, 16%, 100%
XYZ	78.4865, 91.8503, 90.6757
YIQ	240.5320, -16.7780, -15.3220

Conversions

Conversions Part 2

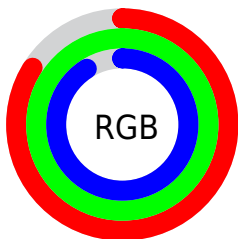
Format	Color
R_{YB}	215, 243, 255
Decimal	14155753
CIE _{Lab}	96.76, -16.94, 6.25
CIE _{LCh}	97, 18.056, 159.760
Yxy	91.8503, 0.3007, 0.3519
Android (android.graphics.Color)	4292345833 (0xFFD7FFE9)
YUV	240.5320, -3.7133, -22.3916
Hunter-Lab	95.8386, -21.5359, 10.9909

Details

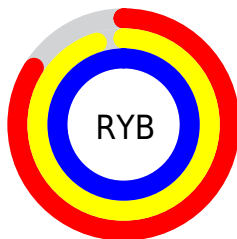
The Yxy color **91.8503, 0.3007, 0.3519** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.9644, 0.3268, 0.3072**, and the grayscale version is **87.6093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0361, 0.2984, 0.3572** is the 20% darker color. If you saturate the color by 10%, you get **87.5132, 0.2934, 0.3687**, and if you desaturate by 10%, it is **96.8457, 0.3083, 0.3368**.

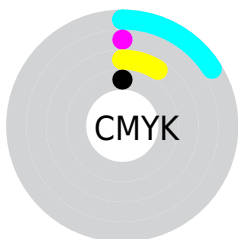
Distribution



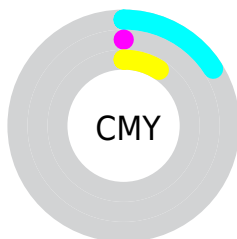
- Red (84%)
- Green (100%)
- Blue (91%)



- Red (84%)
- Yellow (95%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.8503, 0.3007, 0.3519 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 91.8503, 0.3007, 0.3519 by changing the saturation by 10% instead.


 91.8503, 0.3007,
0.3519

 91.8503, 0.3007,
0.3519


534.0316, 0.3061,
0.3416

 69.5163, 0.2995,
0.3542

149.9059, 0.3026,
0.3484

 51.1323, 0.2980,
0.3570


186.3963, 0.3033,
0.3470

 36.3139, 0.2962,
0.3606


228.3742, 0.3039,
0.3458

 24.6767, 0.2938,
0.3651

276.2242, 0.3045,
0.3447

 15.8364, 0.2906,
0.3712

330.3305, 0.3050,
0.3438

 9.4084, 0.2862,
0.3798

391.0776, 0.3054,

 5.0085, 0.2795,

0.3430

0.3927

458.8498, 0.3058,
0.3422

■ 2.2523, 0.2684,
0.4143

■ 0.7483, 0.2090,
0.5255

■ 91.8503, 0.3007,
0.3519

■ 91.8503, 0.3007,
0.3519

■ 87.5132, 0.2934,
0.3687


■ 96.8457, 0.3083,
0.3368


■ 83.8156, 0.2867,
0.3871


100.0000, 0.3127,
0.3290

■ 80.7225, 0.2809,
0.4070


■ 78.1997, 0.2764,
0.4281

 76.2094, 0.2735,
0.4499

 74.7088, 0.2725,
0.4717

 73.6483, 0.2735,
0.4928

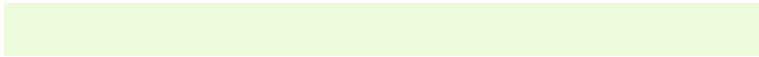
 72.9668, 0.2764,
0.5126

 72.7525, 0.2780,
0.5206

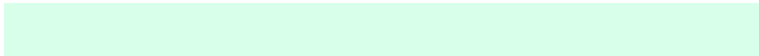
Harmonies

Analogous

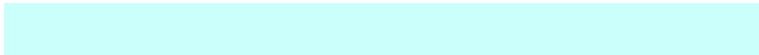
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8503, 0.3208, 0.3628



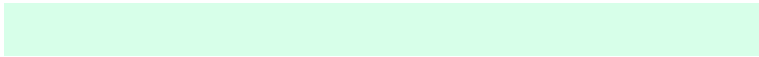
91.8503, 0.3007, 0.3519



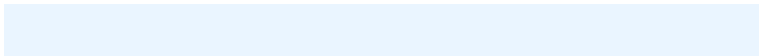
91.8503, 0.2841, 0.3343

Triad

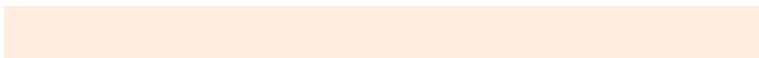
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.8503, 0.3007, 0.3519



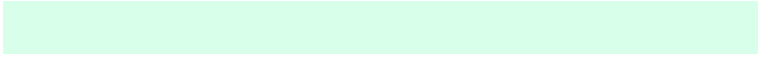
91.8503, 0.2862, 0.2955



91.8503, 0.3517, 0.3401

Complementary

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



91.8503, 0.3007, 0.3519



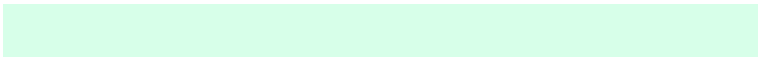
75.9644, 0.3268, 0.3072

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.



91.8503, 0.3419, 0.3229



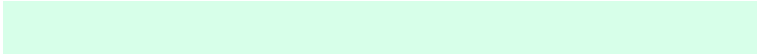
91.8503, 0.3007, 0.3519



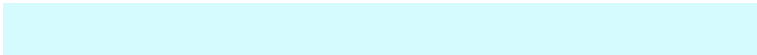
91.8503, 0.3036, 0.2977

Square

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



91.8503, 0.3007, 0.3519



91.8503, 0.2759, 0.3018



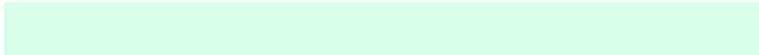
91.8503, 0.3241, 0.3076



91.8503, 0.3507, 0.3551

Rectangle

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



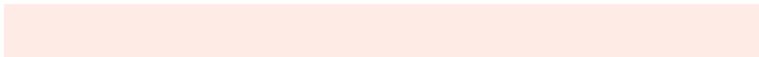
91.8503, 0.3007, 0.3519



91.8503, 0.2772, 0.3218



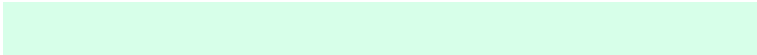
91.8503, 0.3241, 0.3076



91.8503, 0.3496, 0.3344

Sweetspot

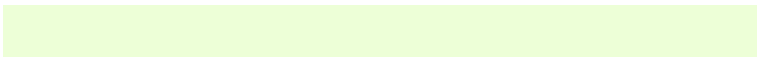
The Sweet Spot groups the original color and five complimentary colors.



91.8468, 0.3007, 0.3519



97.2181, 0.3089, 0.3358



94.4282, 0.3246, 0.3696



20.7280, 0.3083, 0.3368



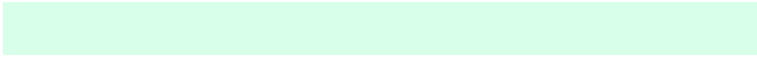
0.0000, 0.0000, 0.0000



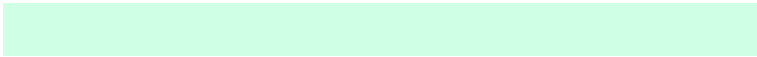
21.4041, 0.3127, 0.3290

Same Dimension

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



91.8468, 0.3007, 0.3519



90.3419, 0.2982, 0.3572



93.0558, 0.2899, 0.3310



20.3041, 0.3054, 0.3424



38.0439, 0.2771, 0.5176



3.7259, 0.2710, 0.4956

Inverse Universe

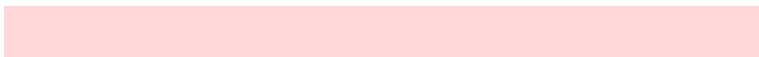
The Inverse Universe completely reimagines the original color for something new.



75.9644, 0.3268, 0.3072



71.5622, 0.3303, 0.3024



74.8595, 0.3410, 0.3271



18.1543, 0.3208, 0.3160



12.1323, 0.4753, 0.2392



1.2033, 0.4528, 0.2268

Previews

White Background



This preview shows how the Yxy color 91.8503, 0.3007, 0.3519 looks on a white background.

Color Contrast Check

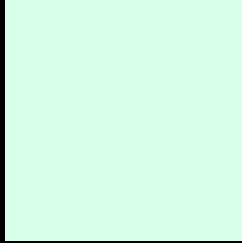
Large Text (above 18pt) WCAG AA × Fail

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 91.8503, 0.3007, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

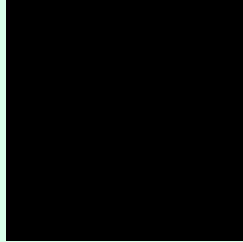
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

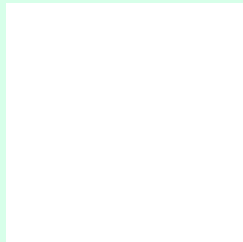
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.8503, 0.3007, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 91.8503, 0.3007, 0.3519.

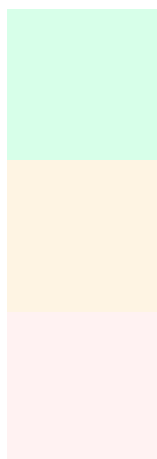


This preview shows how white text looks on a background with the Yxy color 91.8503, 0.3007, 0.3519.

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

91.8503, 0.3007, 0.3519

Protanopia

91.3182, 0.3297, 0.3458

Deuteranopia

91.1751, 0.3212, 0.3290



Tritanopia

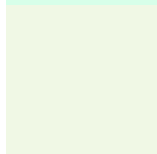
91.5744, 0.3012, 0.3211

Trichromacy



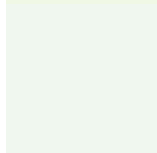
Original Color

91.8503, 0.3007, 0.3519



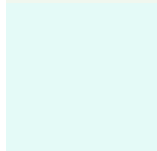
Protanomaly

91.3172, 0.3189, 0.3481



Deuteranomaly

91.2788, 0.3130, 0.3370



Tritanomaly

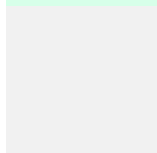
91.5806, 0.3008, 0.3320

Monochromacy



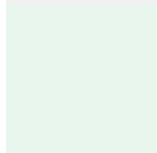
Original Color

91.8503, 0.3007, 0.3519



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.2404, 0.3085, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8503, 0.3007, 0.3519 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(215, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 233)  
}
```

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(215, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 233) }
```

Border

The CSS property to change the border of an element to Yxy 91.8503, 0.3007, 0.3519 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(215, 255, 233) }
```

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

```
.border{ border-color:rgb(215, 255, 233) }
```

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

Here you see how a box with a 4 pixel rgb(215, 255, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8503, 0.3007, 0.3519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 233) }
```

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

```
.background{ background-color: rgb(215,  
255, 233) }
```

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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