

Converting Colors

$Yxy(90.0998, 0.2908, 0.3483)$

Have a look what the booklet for
Yxy(90.0998, 0.2908, 0.3483)
contains.

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Color

Yxy(90.0519, 0.2904, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	C9FFED
RGB	201, 255, 237
RGB Percent	79%, 100%, 93%
CMY	0.2118, 0.0000, 0.0707
CMYK	0.21, 0.00, 0.07, 0.00
HSL	160°, 100%, 89%
HSV	160°, 21%, 100%
XYZ	75.1252, 90.0519, 93.5184
YIQ	236.8020, -26.4060, -17.0460

Conversions

Conversions Part 2

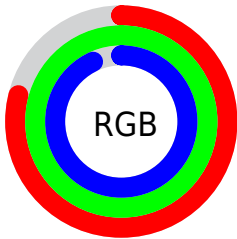
Format	Color
R _Y B	201, 233, 255
Decimal	13238253
CIE Lab	96.02, -20.54, 3.02
CIE LCh	96, 20.764, 171.628
Yxy	90.0519, 0.2904, 0.3481
Android (android.graphics.Color)	4291428333 (0xFFC9FFED)
YUV	236.8020, 0.0976, -31.3984
Hunter-Lab	94.8957, -24.7560, 7.9975

Details

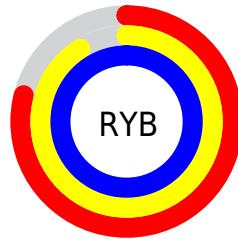
The Yxy color **90.0519, 0.2904, 0.3481** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.1388, 0.3416, 0.3107**, and the grayscale version is **84.5340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.8354, 0.2856, 0.3524** is the 20% darker color. If you saturate the color by 10%, you get **86.3165, 0.2808, 0.3585**, and if you desaturate by 10%, it is **94.3884, 0.3007, 0.3386**.

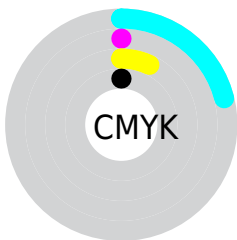
Distribution



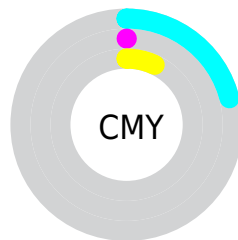
- Red (79%)
- Green (100%)
- Blue (93%)



- Red (79%)
- Yellow (91%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (21%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.0519, 0.2904, 0.3481 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 90.0519, 0.2904, 0.3481 by changing the saturation by 10% instead.


 90.0519, 0.2904,
0.3481

 90.0519, 0.2904,
0.3481

528.1997, 0.3004,
0.3395

 68.0237, 0.2882,
0.3500


147.4105, 0.2938,
0.3452

 49.9170, 0.2855,
0.3524


183.5096, 0.2951,
0.3440

 35.3475, 0.2822,
0.3553


225.0679, 0.2963,
0.3430

 23.9307, 0.2779,
0.3590

272.4697, 0.2973,
0.3421

 15.2822, 0.2722,
0.3641

326.0993, 0.2982,
0.3414

 9.0177, 0.2644,
0.3711

386.3413, 0.2990,

 4.7527, 0.2528,

0.3407

0.3816

453.5799, 0.2997,
0.3401

■ 2.1029, 0.2339,
0.3991

■ 0.6663, 0.1004,
0.5078

■ 90.0519, 0.2904,
0.3481

■ 90.0519, 0.2904,
0.3481

■ 86.3165, 0.2808,
0.3585

■ 94.3884, 0.3007,
0.3386


■ 83.1666, 0.2723,
0.3698


■ 99.3669, 0.3114,
0.3300


■ 80.5660, 0.2651,
0.3818


■ 100.0000, 0.3127,
0.3290

■ 78.4797, 0.2596,
0.3943

 76.8690, 0.2560,
0.4072

 75.6889, 0.2545,
0.4202

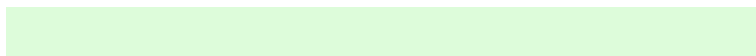
 74.8861, 0.2549,
0.4331

 74.4181, 0.2568,
0.4443

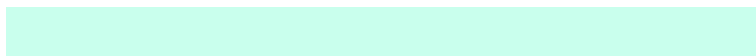
Harmonies

Analogous

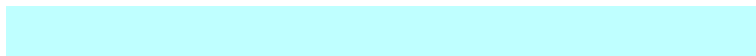
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.0519, 0.3127, 0.3646



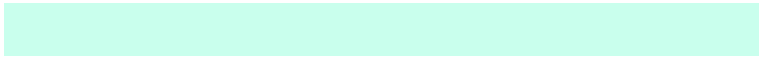
90.0519, 0.2904, 0.3481



90.0519, 0.2744, 0.3263

Triad

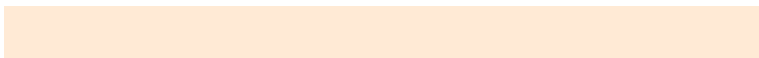
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.0519, 0.2904, 0.3481



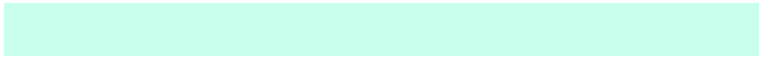
90.0519, 0.2892, 0.2902



90.0519, 0.3591, 0.3491

Complementary

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



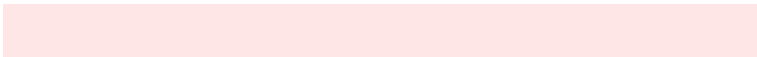
90.0519, 0.2904, 0.3481



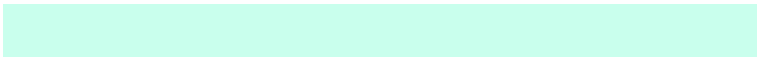
68.1388, 0.3416, 0.3107

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.



90.0519, 0.3524, 0.3296



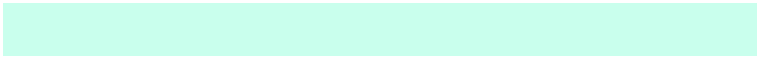
90.0519, 0.2904, 0.3481



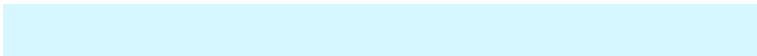
90.0519, 0.3114, 0.2966

Square

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



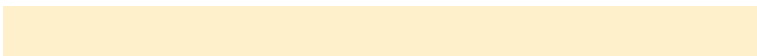
90.0519, 0.2904, 0.3481



90.0519, 0.2737, 0.2935



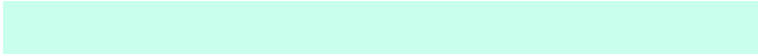
90.0519, 0.3347, 0.3108



90.0519, 0.3527, 0.3642

Rectangle

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



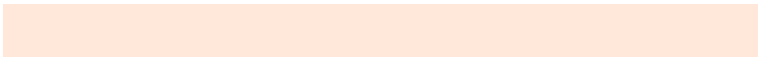
90.0519, 0.2904, 0.3481



90.0519, 0.2692, 0.3124



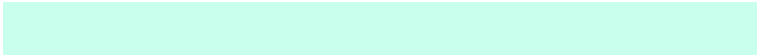
90.0519, 0.3347, 0.3108



90.0519, 0.3583, 0.3428

Sweetspot

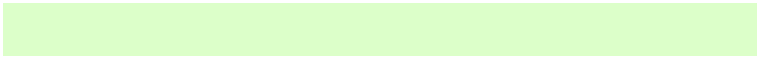
The Sweet Spot groups the original color and five complimentary colors.



90.0473, 0.2904, 0.3481



96.8882, 0.3062, 0.3340



90.9341, 0.3218, 0.3861



20.6686, 0.3055, 0.3346



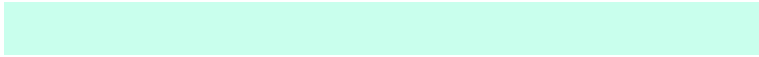
0.0000, 0.0000, 0.0000



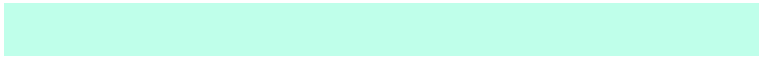
21.4041, 0.3127, 0.3290

Same Dimension

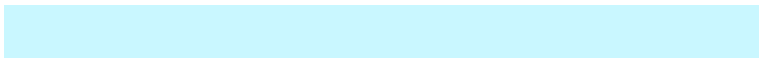
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.0473, 0.2904, 0.3481



88.5534, 0.2866, 0.3520



86.0932, 0.2805, 0.3204



20.3723, 0.3025, 0.3371



38.9139, 0.2562, 0.4422



3.8092, 0.2521, 0.4277

Inverse Universe

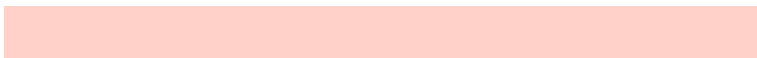
The Inverse Universe completely reimagines the original color for something new.



68.1388, 0.3416, 0.3107



63.4109, 0.3483, 0.3073



71.1176, 0.3540, 0.3374



18.0871, 0.3242, 0.3211



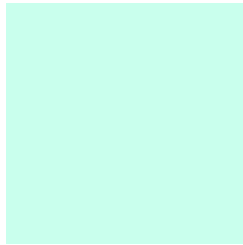
11.4771, 0.5645, 0.2883



1.1368, 0.5327, 0.2708

Previews

White Background



This preview shows how the Yxy color 90.0519, 0.2904, 0.3481 looks on a white background.

Color Contrast Check

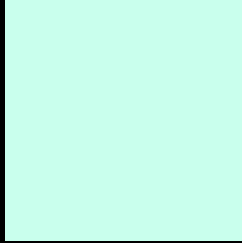
Large Text (above 18pt) WCAG AA × Fail

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 90.0519, 0.2904, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

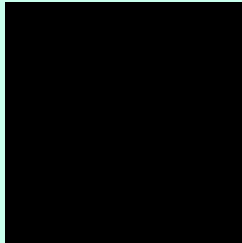
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

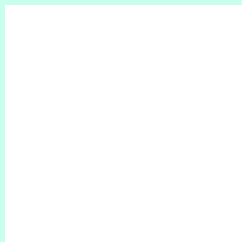
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.0519, 0.2904, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 90.0519, 0.2904, 0.3481.

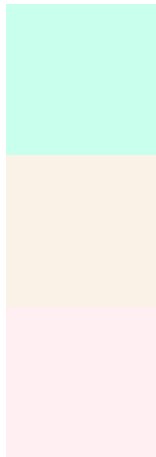


This preview shows how white text looks on a background with the Yxy color 90.0519, 0.2904, 0.3481.

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

90.0519, 0.2904, 0.3481

Protanopia

89.5414, 0.3254, 0.3409

Deuteranopia

89.4038, 0.3215, 0.3261



Tritanopia

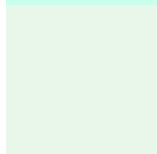
89.6255, 0.2963, 0.3199

Trichromacy



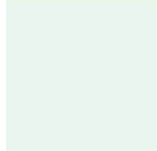
Original Color

90.0519, 0.2904, 0.3481



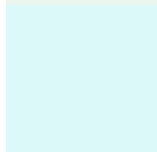
Protanomaly

89.5605, 0.3114, 0.3433



Deuteranomaly

89.2583, 0.3093, 0.3340



Tritanomaly

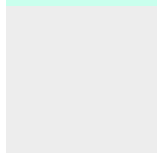
89.4341, 0.2942, 0.3300

Monochromacy



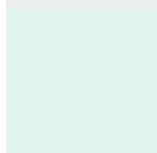
Original Color

90.0519, 0.2904, 0.3481



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.6631, 0.3041, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.0519, 0.2904, 0.3481 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(201, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 255, 237) }
```

Border

The CSS property to change the border of an element to Yxy 90.0519, 0.2904, 0.3481 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(201, 255, 237) }
```

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

```
.border{ border-color:rgb(201, 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(201, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(201, 255,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 90.0519, 0.2904, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 255, 237) }
```

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

```
.background{ background-color: rgb(201,  
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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