

Converting Colors

$Yxy(90.5131, 0.2813, 0.3327)$

Have a look what the booklet for
Yxy(90.5131, 0.2813, 0.3327)
contains.

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Color

Yxy(90.4908, 0.2815, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	C6FFFB
RGB	198, 255, 251
RGB Percent	78%, 100%, 98%
CMY	0.2233, 0.0000, 0.0157
CMYK	0.22, 0.00, 0.02, 0.00
HSL	176°, 100%, 89%
HSV	176°, 22%, 100%
XYZ	76.4730, 90.4908, 104.6988
YIQ	237.5010, -32.6880, -13.3280

Conversions

Conversions Part 2

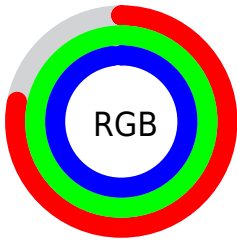
Format	Color
RYB	198, 228, 255
Decimal	13041659
CIELab	96.20, -18.58, -3.96
CIElCh	96, 18.994, 192.022
Yxy	90.4908, 0.2815, 0.3331
Android (android.graphics.Color)	4291231739 (0xFFC6FFFB)
YUV	237.5010, 6.6550, -34.6424
Hunter-Lab	95.1267, -22.9742, 1.3326

Details

The Yxy color **90.4908, 0.2815, 0.3331** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.9439, 0.3554, 0.3250**, and the grayscale version is **85.0722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.1679, 0.2746, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **87.2024, 0.2692, 0.3352**, and if you desaturate by 10%, it is **94.3711, 0.2950, 0.3312**.

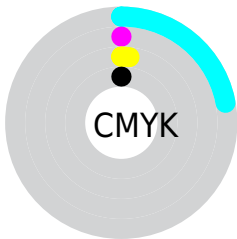
Distribution



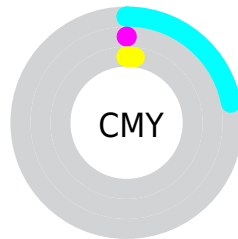
- Red (78%)
- Green (100%)
- Blue (98%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.4908, 0.2815, 0.3331 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 90.4908, 0.2815, 0.3331 by changing the saturation by 10% instead.


 90.4908, 0.2815,
0.3331

 90.4908, 0.2815,
0.3331


529.6261, 0.2953,
0.3314

 68.3878, 0.2785,
0.3334


148.0199, 0.2862,
0.3326

 50.2133, 0.2749,
0.3338


184.2149, 0.2880,
0.3323

 35.5829, 0.2703,
0.3343


225.8759, 0.2896,
0.3321

 24.1122, 0.2646,
0.3349

273.3874, 0.2910,
0.3320

 15.4169, 0.2571,
0.3356

327.1338, 0.2923,
0.3318

 9.1125, 0.2469,
0.3364

387.4994, 0.2934,

 4.8146, 0.2321,

0.3317

0.3374

454.8687, 0.2944,
0.3315

■ 2.1389, 0.2089,
0.3383

■ 0.6864, 0.1041,
0.3593

■ 90.4908, 0.2815,
0.3331

■ 90.4908, 0.2815,
0.3331

■ 87.2024, 0.2692,
0.3352

■ 94.3711, 0.2950,
0.3312


■ 84.4655, 0.2583,
0.3374

■ 98.8592, 0.3093,
0.3294


■ 82.2521, 0.2490,
0.3397


■ 99.9950, 0.3127,
0.3290

■ 80.5274, 0.2417,
0.3421

 79.2521, 0.2363,
0.3444

 78.3812, 0.2328,
0.3468

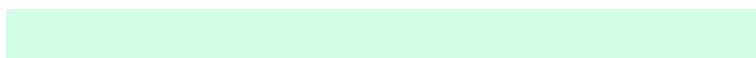
 77.8599, 0.2312,
0.3492

 77.6350, 0.2308,
0.3510

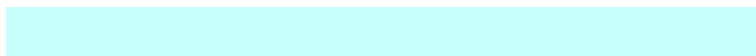
Harmonies

Analogous

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



90.4908, 0.2985, 0.3520



90.4908, 0.2815, 0.3331



90.4908, 0.2728, 0.3137

Triad

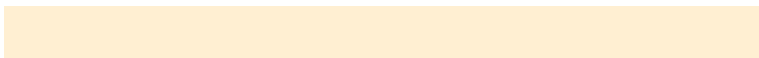
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.4908, 0.2815, 0.3331



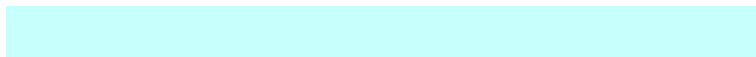
90.4908, 0.3047, 0.2965



90.4908, 0.3523, 0.3575

Complementary

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



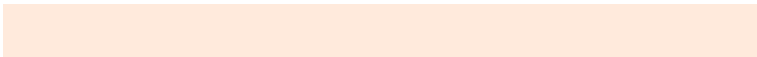
90.4908, 0.2815, 0.3331



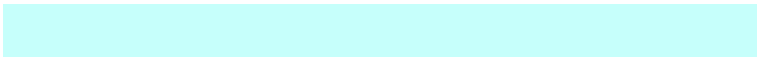
65.9439, 0.3554, 0.3250

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.



90.4908, 0.3543, 0.3420



90.4908, 0.2815, 0.3331



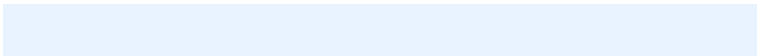
90.4908, 0.3263, 0.3075

Square

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



90.4908, 0.2815, 0.3331



90.4908, 0.2858, 0.2935



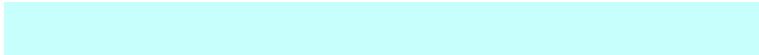
90.4908, 0.3447, 0.3239



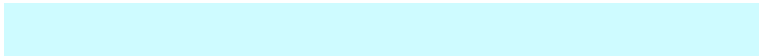
90.4908, 0.3395, 0.3661

Rectangle

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



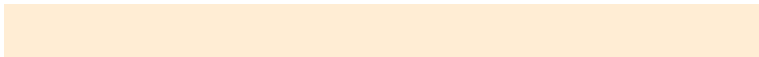
90.4908, 0.2815, 0.3331



90.4908, 0.2727, 0.3034



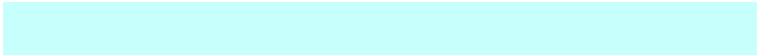
90.4908, 0.3447, 0.3239



90.4908, 0.3543, 0.3529

Sweetspot

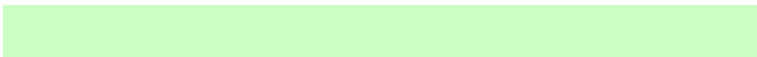
The Sweet Spot groups the original color and five complimentary colors.



90.4945, 0.2815, 0.3331



96.6899, 0.3025, 0.3302



88.2650, 0.3127, 0.3913



20.6376, 0.3017, 0.3303



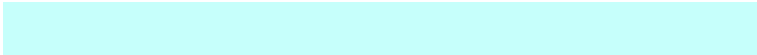
0.0000, 0.0000, 0.0000



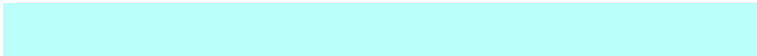
21.4041, 0.3127, 0.3290

Same Dimension

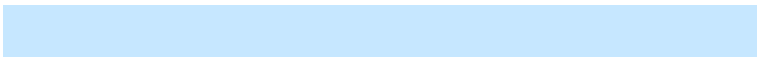
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.4945, 0.2815, 0.3331



88.8906, 0.2756, 0.3341



76.5388, 0.2776, 0.3034



20.4582, 0.2989, 0.3306



40.5782, 0.2307, 0.3506



3.9573, 0.2300, 0.3479

Inverse Universe

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



65.9439, 0.3554, 0.3250



60.2018, 0.3674, 0.3241



77.4672, 0.3534, 0.3532



18.0077, 0.3283, 0.3274



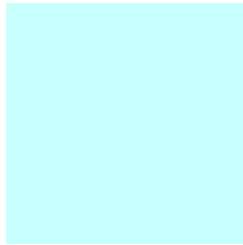
11.1390, 0.6329, 0.3260



1.0914, 0.6168, 0.3172

Previews

White Background



This preview shows how the Yxy color 90.4908, 0.2815, 0.3331 looks on a white background.

Color Contrast Check

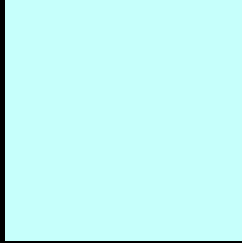
Large Text (above 18pt) WCAG AA × Fail

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 90.4908, 0.2815, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

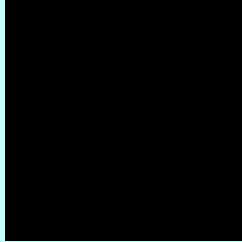
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

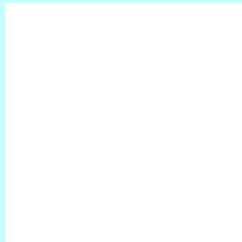
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.4908, 0.2815, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 90.4908, 0.2815, 0.3331.

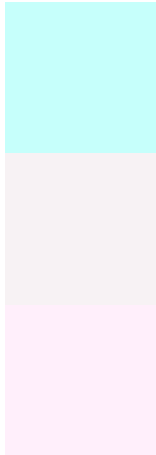


This preview shows how white text looks on a background with the Yxy color 90.4908, 0.2815, 0.3331.

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

90.4908, 0.2815, 0.3331

Protanopia

89.8101, 0.3148, 0.3270

Deuteranopia

89.9580, 0.3159, 0.3174



Tritanopia

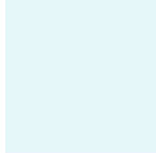
90.2355, 0.2963, 0.3209

Trichromacy



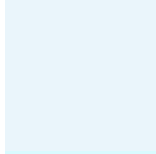
Original Color

90.4908, 0.2815, 0.3331



Protanomaly

89.8949, 0.3014, 0.3290



Deuteranomaly

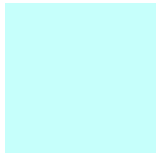
89.7623, 0.3022, 0.3230



Tritanomaly

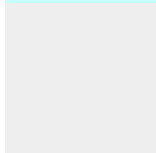
90.2787, 0.2903, 0.3249

Monochromacy



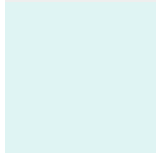
Original Color

90.4908, 0.2815, 0.3331



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

86.8604, 0.3000, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4908, 0.2815, 0.3331 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(198, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 251)  
}
```

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(198, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 251) }
```

Border

The CSS property to change the border of an element to Yxy 90.4908, 0.2815, 0.3331 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(198, 255, 251) }
```

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

```
.border{ border-color:rgb(198, 255, 251) }
```

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

Here you see how a box with a 4 pixel rgb(198, 255, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4908, 0.2815, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 251) }
```

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

```
.background{ background-color: rgb(198,  
255, 251) }
```

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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