

Converting Colors

$Yxy(90.8062, 0.2874, 0.3395)$

Have a look what the booklet for
Yxy(90.8062, 0.2874, 0.3395)
contains.

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Color

Yxy(90.8091, 0.2873, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	CBFFF5
RGB	203, 255, 245
RGB Percent	80%, 100%, 96%
CMY	0.2040, 0.0000, 0.0391
CMYK	0.20, 0.00, 0.04, 0.00
HSL	168°, 100%, 90%
HSV	168°, 20%, 100%
XYZ	76.8693, 90.8091, 99.8793
YIQ	238.3120, -27.7820, -14.1340

Conversions

Conversions Part 2

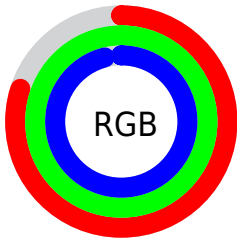
Format	Color
R_{YB}	203, 232, 255
Decimal	13369333
CIE _{Lab}	96.33, -18.34, -0.65
CIE _{LCh}	96, 18.353, 182.039
Yxy	90.8091, 0.2873, 0.3394
Android (android.graphics.Color)	4291559413 (0xFFC _B FF _F 5)
YUV	238.3120, 3.2972, -30.9686
Hunter-Lab	95.2938, -22.7760, 4.5627

Details

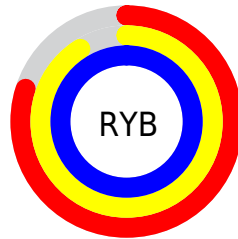
The Yxy color **90.8091, 0.2873, 0.3394** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.7677, 0.3459, 0.3189**, and the grayscale version is **85.7424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.3582, 0.2817, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **87.2234, 0.2760, 0.3452**, and if you desaturate by 10%, it is **94.9904, 0.2994, 0.3340**.

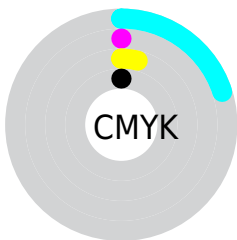
Distribution



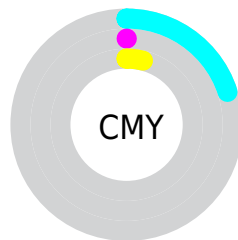
- Red (80%)
- Green (100%)
- Blue (96%)



- Red (80%)
- Yellow (91%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.8091, 0.2873, 0.3394 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 90.8091, 0.2873, 0.3394 by changing the saturation by 10% instead.


 90.8091, 0.2873,
0.3394

 90.8091, 0.2873,
0.3394

530.6593, 0.2986,
0.3348

 68.6519, 0.2848,
0.3404

148.4618, 0.2911,
0.3378

 50.4283, 0.2818,
0.3416


184.7260, 0.2926,
0.3372

 35.7538, 0.2781,
0.3431


226.4614, 0.2939,
0.3367

 24.2441, 0.2734,
0.3450

274.0523, 0.2951,
0.3362

 15.5148, 0.2672,
0.3475

327.8832, 0.2961,
0.3358

 9.1815, 0.2586,
0.3509

388.3384, 0.2970,

 4.8597, 0.2462,

0.3354

455.8023, 0.2978,
0.3351

0.3559

2.1652, 0.2263,
0.3636

0.7009, 0.1264,
0.4056

90.8091, 0.2873,
0.3394

90.8091, 0.2873,
0.3394

87.2234, 0.2760,
0.3452

94.9904, 0.2994,
0.3340


84.2061, 0.2660,
0.3514


99.7958, 0.3122,
0.3292

81.7254, 0.2574,
0.3580


100.0000, 0.3127,
0.3290

79.7471, 0.2506,
0.3648

 78.2329, 0.2457,
0.3718

 77.1388, 0.2428,
0.3789

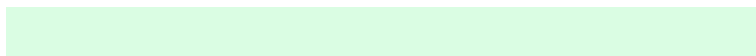
 76.4124, 0.2418,
0.3859

 75.9804, 0.2424,
0.3926

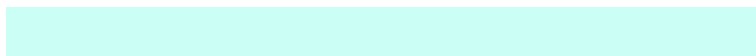
Harmonies

Analogous

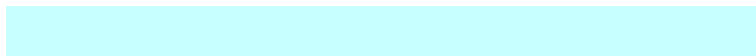
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.8091, 0.3056, 0.3561



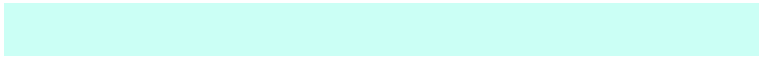
90.8091, 0.2873, 0.3394



90.8091, 0.2759, 0.3202

Triad

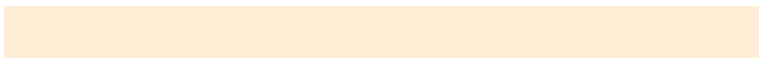
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.8091, 0.2873, 0.3394



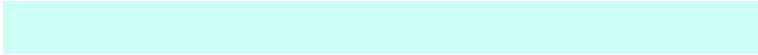
90.8091, 0.2983, 0.2957



90.8091, 0.3529, 0.3521

Complementary

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



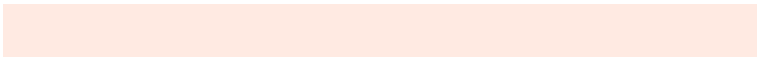
90.8091, 0.2873, 0.3394



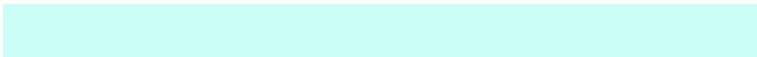
68.7677, 0.3459, 0.3189

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.



90.8091, 0.3510, 0.3358



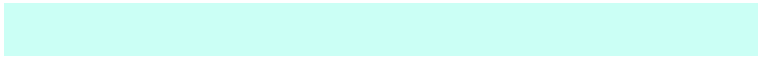
90.8091, 0.2873, 0.3394



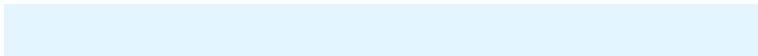
90.8091, 0.3189, 0.3040

Square

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



90.8091, 0.2873, 0.3394



90.8091, 0.2821, 0.2956



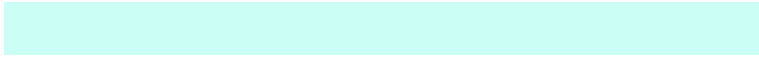
90.8091, 0.3384, 0.3184



90.8091, 0.3437, 0.3630

Rectangle

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



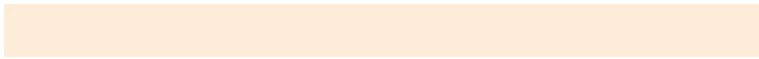
90.8091, 0.2873, 0.3394



90.8091, 0.2736, 0.3089



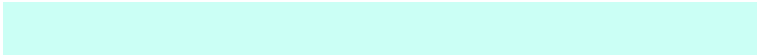
90.8091, 0.3384, 0.3184



90.8091, 0.3535, 0.3471

Sweetspot

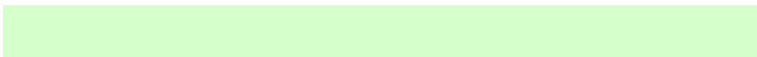
The Sweet Spot groups the original color and five complimentary colors.



90.8086, 0.2873, 0.3394



97.0252, 0.3050, 0.3318



90.0355, 0.3165, 0.3846



20.7010, 0.3042, 0.3322



0.0000, 0.0000, 0.0000



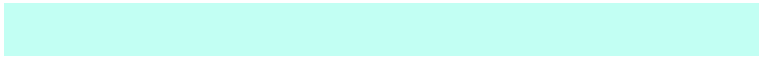
21.4041, 0.3127, 0.3290

Same Dimension

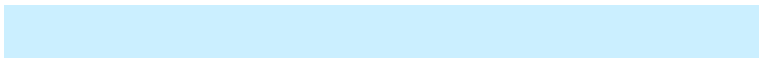
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.8086, 0.2873, 0.3394



89.4497, 0.2831, 0.3414



81.8797, 0.2811, 0.3124



20.4182, 0.3006, 0.3336



39.7227, 0.2421, 0.3914



3.8823, 0.2399, 0.3834

Inverse Universe

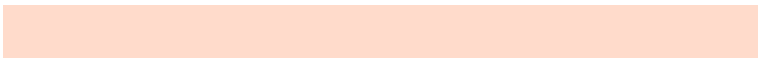
The Inverse Universe completely reimagines the original color for something new.



68.7677, 0.3459, 0.3189



64.1885, 0.3535, 0.3170



76.0208, 0.3505, 0.3450



18.0440, 0.3264, 0.3245



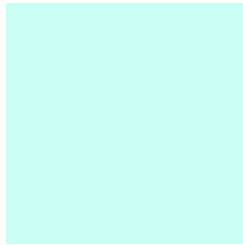
11.2404, 0.6101, 0.3135



1.1087, 0.5807, 0.2973

Previews

White Background



This preview shows how the Yxy color 90.8091, 0.2873, 0.3394 looks on a white background.

Color Contrast Check

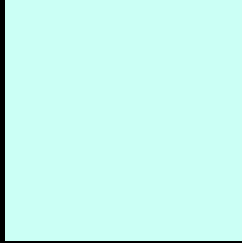
Large Text (above 18pt) WCAG AA × Fail

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 90.8091, 0.2873, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

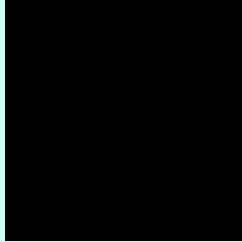
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

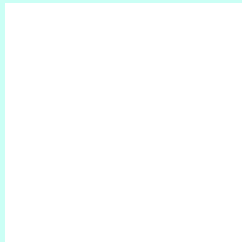
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.8091, 0.2873, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 90.8091, 0.2873, 0.3394.

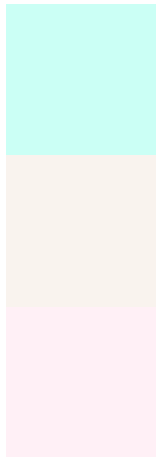


This preview shows how white text looks on a background with the Yxy color 90.8091, 0.2873, 0.3394.

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

90.8091, 0.2873, 0.3394

Protanopia

90.4140, 0.3197, 0.3339

Deuteranopia

90.2340, 0.3189, 0.3232



Tritanopia

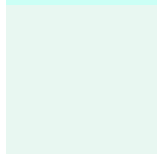
90.7305, 0.2981, 0.3210

Trichromacy



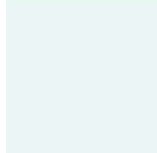
Original Color

90.8091, 0.2873, 0.3394



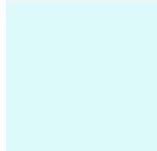
Protanomaly

90.0282, 0.3067, 0.3351



Deuteranomaly

89.7915, 0.3064, 0.3280



Tritanomaly

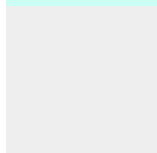
90.7084, 0.2943, 0.3279

Monochromacy



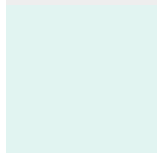
Original Color

90.8091, 0.2873, 0.3394



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.0598, 0.3024, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.8091, 0.2873, 0.3394 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(203, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 245)  
}
```

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(203, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 245) }
```

Border

The CSS property to change the border of an element to Yxy 90.8091, 0.2873, 0.3394 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(203, 255, 245) }
```

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

```
.border{ border-color:rgb(203, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(203, 255,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 90.8091, 0.2873, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 245) }
```

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

```
.background{ background-color: rgb(203,  
255, 245) }
```

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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