

Converting Colors

$Yxy(90.0086, 0.2804, 0.3344)$

Have a look what the booklet for
Yxy(90.0086, 0.2804, 0.3344)
contains.

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Color

Yxy(90.0242, 0.2803, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	C3FFFA
RGB	195, 255, 250
RGB Percent	76%, 100%, 98%
CMY	0.2356, 0.0000, 0.0196
CMYK	0.24, 0.00, 0.02, 0.00
HSL	175°, 100%, 88%
HSV	175°, 24%, 100%
XYZ	75.5050, 90.0242, 103.8430
YIQ	236.4900, -34.1550, -14.2750

Conversions

Conversions Part 2

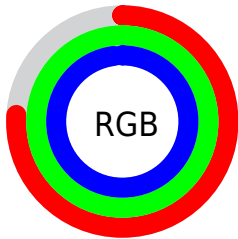
Format	Color
RYB	195, 226, 255
Decimal	12845050
CIELab	96.01, -19.72, -3.75
CIElCh	96, 20.069, 190.770
Yxy	90.0242, 0.2803, 0.3342
Android (android.graphics.Color)	4291035130 (0xFFC3FFFA)
YUV	236.4900, 6.6604, -36.3867
Hunter-Lab	94.8811, -23.9941, 1.5266

Details

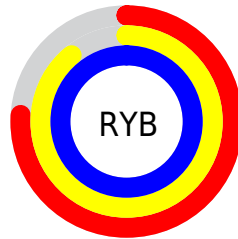
The Yxy color **90.0242, 0.2803, 0.3342** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.4189, 0.3578, 0.3240**, and the grayscale version is **84.2231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **49.8587, 0.2732, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **86.7715, 0.2683, 0.3367**, and if you desaturate by 10%, it is **93.8370, 0.2935, 0.3319**.

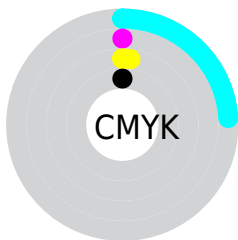
Distribution



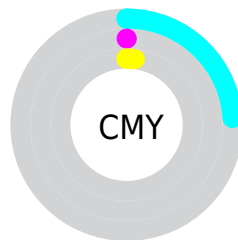
- Red (76%)
- Green (100%)
- Blue (98%)



- Red (76%)
- Yellow (89%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.0242, 0.2803, 0.3342 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 90.0242, 0.2803, 0.3342 by changing the saturation by 10% instead.

 90.0242, 0.2803,
0.3342

 90.0242, 0.2803,
0.3342


528.1096, 0.2946,
0.3320

 68.0007, 0.2772,
0.3346


 147.3720, 0.2852,
0.3335

 49.8983, 0.2734,
0.3352

183.4651, 0.2871,
0.3332

 35.3326, 0.2687,
0.3358

225.0169, 0.2887,
0.3329

 23.9192, 0.2627,
0.3366

272.4117, 0.2902,
0.3327

 15.2737, 0.2549,
0.3375

326.0340, 0.2915,
0.3325

 9.0117, 0.2442,
0.3387

386.2682, 0.2927,

 4.7488, 0.2288,

0.3323

0.3402

453.4985, 0.2937,
0.3322

■ 2.1006, 0.2046,
0.3419

■ 0.6650, 0.0837,
0.3690

■ 90.0242, 0.2803,
0.3342

■ 90.0242, 0.2803,
0.3342

■ 86.7715, 0.2683,
0.3367

■ 93.8370, 0.2935,
0.3319

■ 84.0813, 0.2577,
0.3393

■ 98.2692, 0.3076,
0.3297


■ 81.9111, 0.2487,
0.3421

■ 100.0000, 0.3127,
0.3290

■ 80.2253, 0.2417,
0.3449

 78.9843, 0.2366,
0.3478

 78.1419, 0.2335,
0.3506

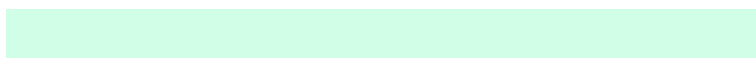
 77.6419, 0.2322,
0.3535

 77.4494, 0.2320,
0.3553

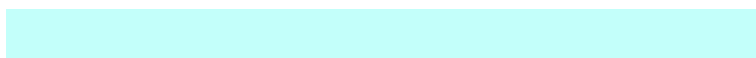
Harmonies

Analogous

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



90.0242, 0.2985, 0.3541



90.0242, 0.2803, 0.3342



90.0242, 0.2707, 0.3135

Triad

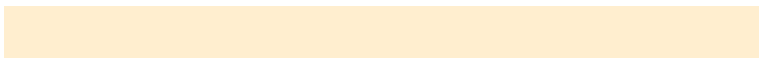
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.0242, 0.2803, 0.3342



90.0242, 0.3032, 0.2944



90.0242, 0.3550, 0.3586

Complementary

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



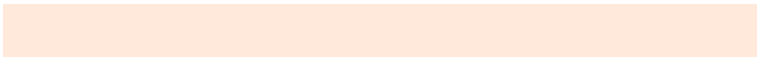
90.0242, 0.2803, 0.3342



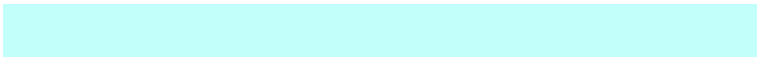
64.4189, 0.3578, 0.3240

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.



90.0242, 0.3566, 0.3419



90.0242, 0.2803, 0.3342



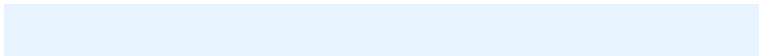
90.0242, 0.3261, 0.3057

Square

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



90.0242, 0.2803, 0.3342



90.0242, 0.2836, 0.2915



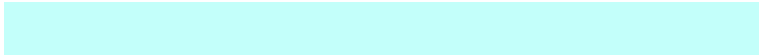
90.0242, 0.3459, 0.3228



90.0242, 0.3418, 0.3681

Rectangle

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



90.0242, 0.2803, 0.3342



90.0242, 0.2703, 0.3024



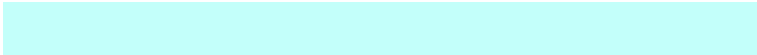
90.0242, 0.3459, 0.3228



90.0242, 0.3570, 0.3536

Sweetspot

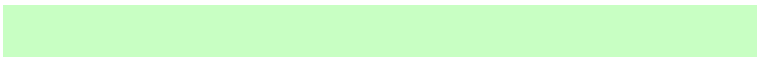
The Sweet Spot groups the original color and five complimentary colors.



90.0135, 0.2803, 0.3342



96.6752, 0.3026, 0.3304



87.7252, 0.3126, 0.3952



20.6342, 0.3018, 0.3306



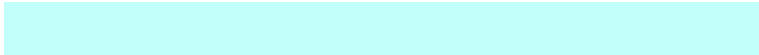
0.0000, 0.0000, 0.0000



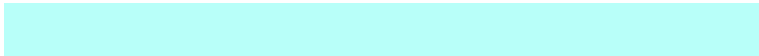
21.4041, 0.3127, 0.3290

Same Dimension

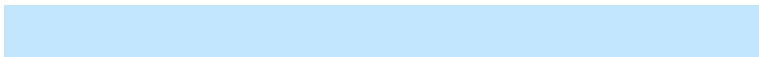
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.0135, 0.2803, 0.3342



88.5047, 0.2748, 0.3353



75.3853, 0.2756, 0.3019



20.4539, 0.2991, 0.3310



40.4798, 0.2319, 0.3548



3.9488, 0.2310, 0.3516

Inverse Universe

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



64.4189, 0.3578, 0.3240



59.0724, 0.3693, 0.3230



76.3573, 0.3561, 0.3547



18.0116, 0.3281, 0.3271



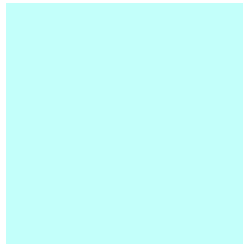
11.1459, 0.6312, 0.3251



1.0932, 0.6128, 0.3149

Previews

White Background



This preview shows how the Yxy color 90.0242, 0.2803, 0.3342 looks on a white background.

Color Contrast Check

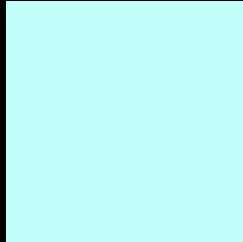
Large Text (above 18pt) WCAG AA × Fail

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 90.0242, 0.2803, 0.3342 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

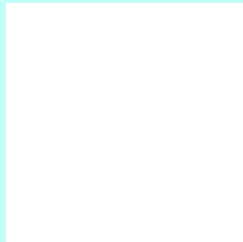
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.0242, 0.2803, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 90.0242, 0.2803, 0.3342.

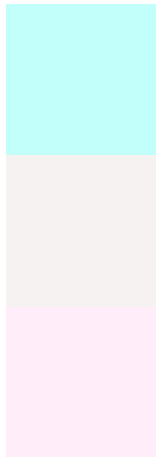


This preview shows how white text looks on a background with the Yxy color 90.0242, 0.2803, 0.3342.

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

90.0242, 0.2803, 0.3342

Protanopia

89.6892, 0.3160, 0.3290

Deuteranopia

89.3112, 0.3166, 0.3174



Tritanopia

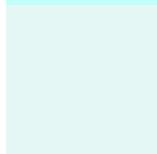
89.3003, 0.2950, 0.3199

Trichromacy



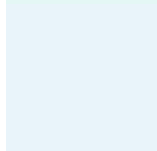
Original Color

90.0242, 0.2803, 0.3342



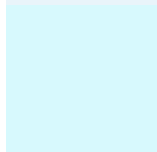
Protanomaly

89.6081, 0.3019, 0.3310



Deuteranomaly

88.9271, 0.3022, 0.3229



Tritanomaly

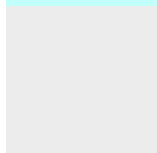
89.2903, 0.2897, 0.3248

Monochromacy



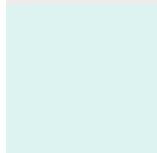
Original Color

90.0242, 0.2803, 0.3342



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.8242, 0.2999, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.0242, 0.2803, 0.3342 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(195, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 250)  
}
```

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(195, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 250) }
```

Border

The CSS property to change the border of an element to Yxy 90.0242, 0.2803, 0.3342 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(195, 255, 250) }
```

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

```
.border{ border-color:rgb(195, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 90.0242, 0.2803, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 250) }
```

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

```
.background{ background-color: rgb(195,  
255, 250) }
```

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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