

Converting Colors

YIQ(235.3320, -30.5340,
-8.3100)

Have a look what the booklet for
YIQ(235.3320, -30.5340, -8.3100)
contains.

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Color

**YIQ(235.3320, -30.5340,
-8.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	C9F9FF
RGB	201, 249, 255
RGB Percent	79%, 98%, 100%
CMY	0.2119, 0.0234, 0.0001
CMYK	0.21, 0.02, 0.00, 0.00
HSL	187°, 100%, 89%
HSV	187°, 21%, 100%
XYZ	76.0066, 87.3954, 107.4437
YIQ	235.3320, -30.5340, -8.3100

Conversions

Conversions Part 2

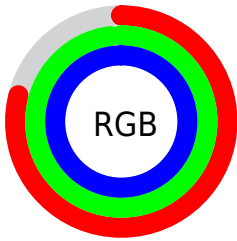
Format	Color
R_{YB}	201, 226, 255
Decimal	13236735
CIE Lab	94.91, -13.95, -7.90
CIE LCh	95, 16.027, 209.523
Yxy	87.3954, 0.2806, 0.3227
Android (android.graphics.Color)	4291426815 (0xFFC9F9FF)
YUV	235.3320, 9.6963, -30.1092
Hunter-Lab	93.4855, -18.4736, -2.7027

Details

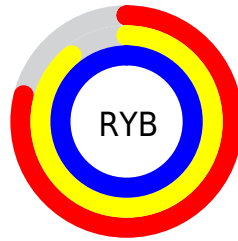
The YIQ color $235.3320, -30.5340, -8.3100$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $220.6680, 30.5340, 8.3100$, and the grayscale version is $235.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.5170, -29.6170, -8.4090$ is the 20% darker color. If you saturate the color by 10%, you get $225.7970, -45.2050, -12.2530$, and if you desaturate by 10%, it is $244.5680, -16.4590, -4.5790$.

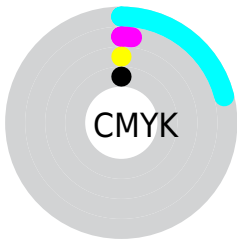
Distribution



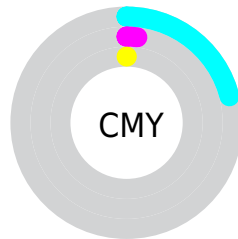
- Red (79%)
- Green (98%)
- Blue (100%)



- Red (79%)
- Yellow (89%)
- Blue (100%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.3320, -30.5340, -8.3100 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 YIQ color 235.3320, -30.5340, -8.3100 by changing the saturation by 10% instead.

■ 235.3320,
-30.5340, -8.3100

■ 235.3320,
-30.5340, -8.3100

255.0000, -0.0000,
-0.0000

■ 206.6310,
-29.9380, -8.0980

■ 179.5170,
-29.6170, -8.4090

■ 151.9300,
-29.3420, -7.8860

■ 126.2290,
-28.7460, -7.6740

■ 100.2290,
-28.7460, -7.6740

■ 75.8160, -29.0210,
-8.1970

■ 51.0330, -31.1300,

-8.5220

■ 30.7130, -27.2330,
-7.5610

■ 17.1660, -15.2670,
-4.1550

■ 235.3320,
-30.5340, -8.3100

■ 235.3320,
-30.5340, -8.3100

■ 225.7970,
-45.2050, -12.2530

■ 244.5680,
-16.4590, -4.5790

■ 216.5610,
-59.2800, -15.9840

■ 254.1030, -1.7880,
-0.6360

■ 207.6130,
-74.2260, -20.4500

■ 255.0000, -0.0000,
-0.0000

■ 198.3770,
-88.3010, -24.1810

■ 188.8420,
-102.9720, -28.1240

■ 179.6060,
-117.0470, -31.8550

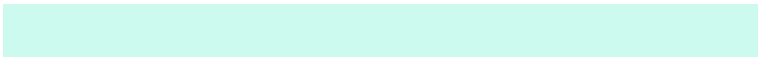
■ 170.0710,
-131.7180, -35.7980

■ 162.3190,
-144.2800, -39.4160

Harmonies

Analogous

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



235.2910, -23.2890, -12.9610



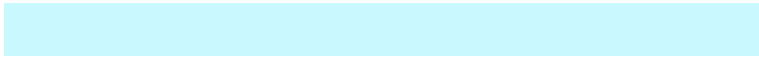
235.3320, -30.5340, -8.3100



235.6640, -25.5370, -5.2570

Triad

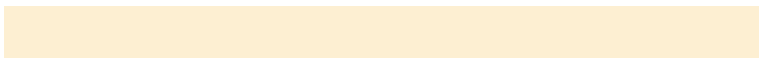
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.3320, -30.5340, -8.3100



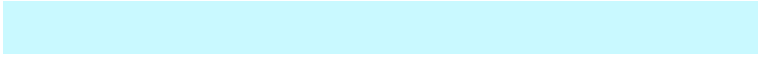
241.4990, 6.3250, 12.0290



239.8800, 17.6530, -6.0510

Complementary

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



235.3320, -30.5340, -8.3100



220.6680, 30.5340, 8.3100

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.



237.9990, 18.9360, -1.7680



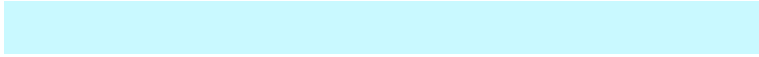
235.3320, -30.5340, -8.3100



238.7290, 11.3690, 8.7210

Square

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



235.3320, -30.5340, -8.3100



240.2590, -1.9270, 7.3930



237.6060, 15.9090, 3.5330



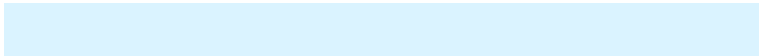
238.0740, 5.1830, -11.3370

Rectangle

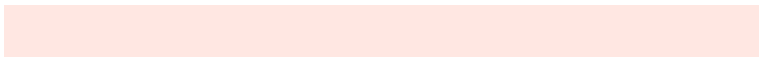
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235.3320, -30.5340, -8.3100



236.8930, -18.7520, -1.5680



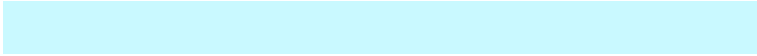
237.6060, 15.9090, 3.5330



239.3040, 19.3950, -4.5810

Sweetspot

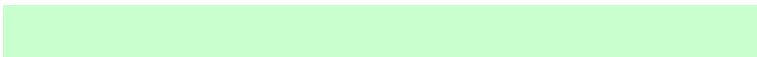
The Sweet Spot groups the original color and five complimentary colors.



235.3320, -30.5340, -8.3100



249.3410, -8.3900, -2.1340



233.2680, -16.4550, -26.6870



124.7220, -5.0890, -1.3850



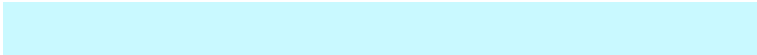
0.0000, 0.0000, 0.0000



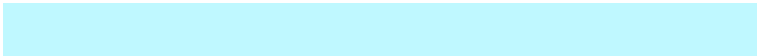
128.0000, -0.0000, -0.0000

Same Dimension

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



235.3320, -30.5340, -8.3100



231.7550, -36.2190, -9.9070



220.0700, -23.3840, 5.2880



122.9390, -7.1980, -1.7100



121.5640, -108.0610, -29.5090



40.7550, -36.2190, -9.9070

Inverse Universe

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



222.6180, 16.7760, 26.3760



216.6340, 19.8470, 31.2950



235.9300, 23.3840, -5.2880



120.1410, 4.2170, 6.1770



76.4890, 59.2660, 93.3620



25.6340, 19.8470, 31.2950

Previews

White Background



This preview shows how the YIQ color 235.3320, -30.5340, -8.3100 looks on a white background.

Color Contrast Check

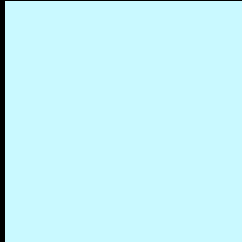
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 235.3320, -30.5340, -8.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

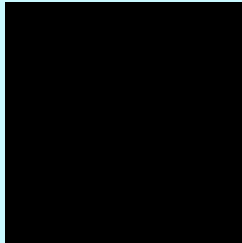
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 235.3320, -30.5340, -8.3100

Background



This preview shows how black text looks on a background with the YIQ color 235.3320, -30.5340, -8.3100.



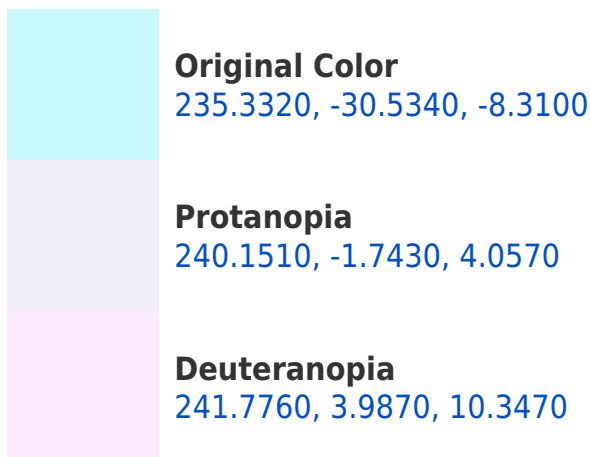
This preview shows how white text looks on a background with the YIQ color 235.3320, -30.5340, -8.3100.

-8.3100.

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

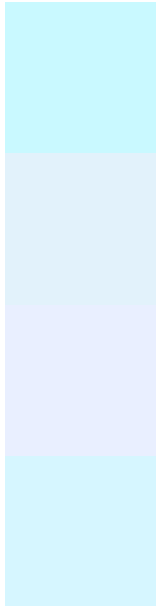




Tritanopia

238.3770, -17.2390, -1.4550

Trichromacy



Original Color

235.3320, -30.5340, -8.3100

Protanomaly

238.2420, -12.4250, -0.5930

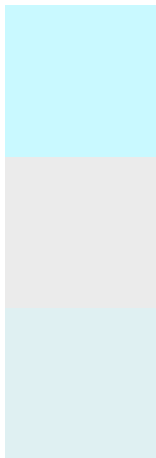
Deuteranomaly

239.0300, -8.7120, 3.7040

Tritanomaly

237.4580, -21.9610, -3.9850

Monochromacy



Original Color

235.3320, -30.5340, -8.3100

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

235.1450, -10.7740, -2.9820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.3320, -30.5340, -8.3100 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, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 249, 255)  
}
```

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, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 249, 255) }
```

Border

The CSS property to change the border of an element to YIQ 235.3320, -30.5340, -8.3100 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, 249, 255) }
```


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

```
.border{ border-color:rgb(201, 249, 255) }
```

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

Here you see how a box with a 4 pixel rgb(201, 249, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 249,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 235.3320, -30.5340, -8.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 249, 255) }
```

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

```
.background{ background-color: rgb(201,  
249, 255) }
```

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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