

Converting Colors

YIQ(233.2990, -34.9350,
-11.1510)

Have a look what the booklet for
YIQ(233.2990, -34.9350, -11.1510)
contains.

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Color

**YIQ(233.2990, -34.9350,
-11.1510)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FAFD
RGB	193, 250, 253
RGB Percent	76%, 98%, 99%
CMY	0.2433, 0.0195, 0.0080
CMYK	0.24, 0.01, 0.00, 0.01
HSL	183°, 94%, 87%
HSV	183°, 24%, 99%
XYZ	73.9006, 86.8086, 105.7593
YIQ	233.2990, -34.9350, -11.1510

Conversions

Conversions Part 2

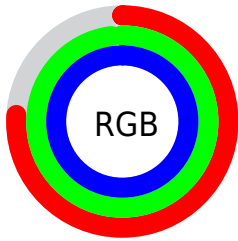
Format	Color
R_{YB}	193, 222, 253
Decimal	12712701
CIE _{Lab}	94.66, -17.20, -7.28
CIE _{LCh}	95, 18.678, 202.942
Yxy	86.8086, 0.2773, 0.3258
Android (android.graphics.Color)	4290902781 (0xFFC1FAFD)
YUV	233.2990, 9.7126, -35.3422
Hunter-Lab	93.1712, -21.4687, -2.0807

Details

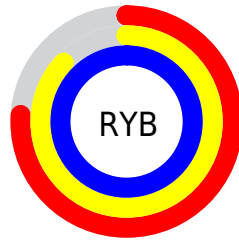
The YIQ color $233.2990, -34.9350, -11.1510$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $212.7010, 34.9350, 11.1510$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.8040, -2.3840, -0.8480$, and $176.8970, -33.7430, -10.7270$ is the 20% darker color. If you saturate the color by 10%, you get $225.2370, -49.5600, -15.9280$, and if you desaturate by 10%, it is $241.3610, -20.3100, -6.3740$.

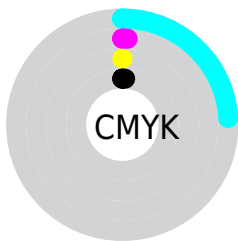
Distribution



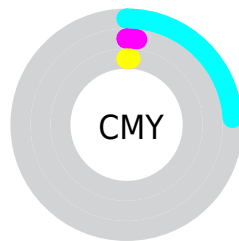
- Red (76%)
- Green (98%)
- Blue (99%)



- Red (76%)
- Yellow (87%)
- Blue (99%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (24%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.2990, -34.9350, -11.1510 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 233.2990, -34.9350, -11.1510 by changing the saturation by 10% instead.

233.2990,
-34.9350, -11.1510

233.2990,
-34.9350, -11.1510

255.0000, -0.0000,
-0.0000

204.5980,
-34.3390, -10.9390

253.5050, -2.9800,
-1.0600

176.8970,
-33.7430, -10.7270

149.8970,
-33.7430, -10.7270

123.8970,
-33.7430, -10.7270

97.8970, -33.7430,
-10.7270

72.7120, -34.6600,
-10.6280

46.6080, -40.2990,

-13.0590

■ 30.5990, -26.9120,
-7.8720

■ 17.6390, -15.2210,
-4.9890

■ 233.2990,
-34.9350, -11.1510

■ 233.2990,
-34.9350, -11.1510

■ 225.2370,
-49.5600, -15.9280

■ 241.3610,
-20.3100, -6.3740

■ 216.8760,
-64.7810, -20.9170

■ 250.3090, -5.3640,
-1.9080

■ 208.2270,
-79.1310, -25.1710

■ 254.1850, 0.9170,
-0.0990

■ 200.1650,
-93.7560, -29.9480

■ 254.7720, 0.6420,
-0.6220

■ 191.8040,
-108.9770, -34.9370

■ 183.7420,
-123.6020, -39.7140

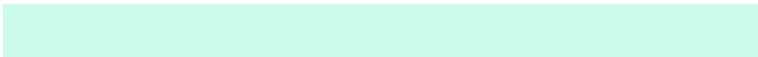
■ 175.0930,
-137.9520, -43.9680

■ 170.3090,
-147.4880, -47.3600

Harmonies

Analogous

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



233.6390, -24.3890, -15.0530



233.2990, -34.9350, -11.1510



233.2610, -31.7720, -7.9000

Triad

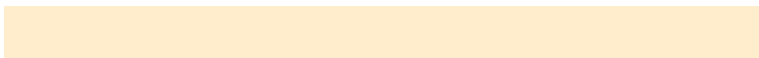
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.2990, -34.9350, -11.1510



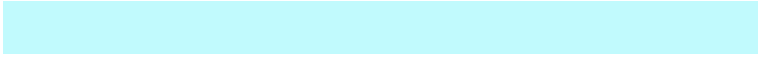
240.9120, 6.6000, 12.5520



238.6200, 21.3210, -6.4470

Complementary

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



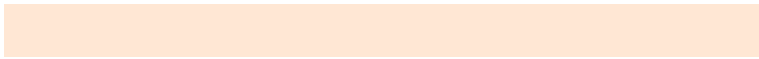
233.2990, -34.9350, -11.1510



212.7010, 34.9350, 11.1510

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.



236.0100, 20.4030, -0.8210



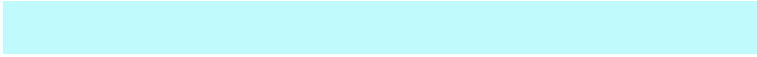
233.2990, -34.9350, -11.1510



238.0110, 10.6350, 11.0110

Square

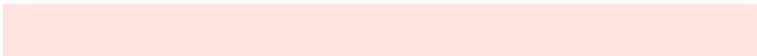
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.2990, -34.9350, -11.1510



238.7640, -4.9070, 6.3330



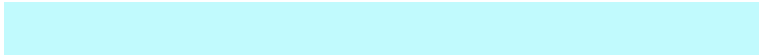
235.8450, 16.7340, 5.1020



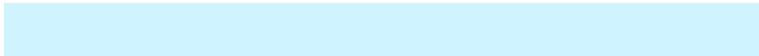
237.5860, 9.4930, -12.3550

Rectangle

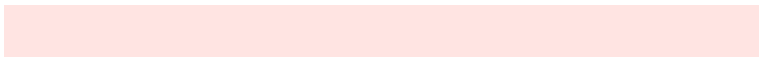
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.2990, -34.9350, -11.1510



234.4900, -24.9870, -4.2110



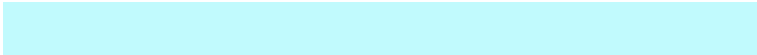
235.8450, 16.7340, 5.1020



237.6740, 21.2290, -4.7790

Sweetspot

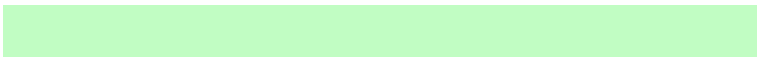
The Sweet Spot groups the original color and five complimentary colors.



233.2990, -34.9350, -11.1510



249.0310, -10.4530, -3.2930



228.4480, -17.1420, -30.7580



124.1240, -6.2810, -1.8090



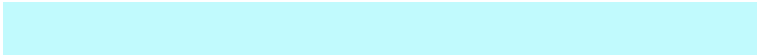
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



233.2990, -34.9350, -11.1510



232.0100, -41.4910, -13.4830



216.2760, -26.9600, 4.0160



123.5260, -7.4730, -2.2330



128.6080, -111.3610, -35.7850



43.1030, -37.3190, -11.9990

Inverse Universe

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



217.4380, 17.4630, 30.4470



212.9810, 20.4880, 36.2000



229.7240, 26.9600, -4.0160



120.2550, 3.8960, 6.4880



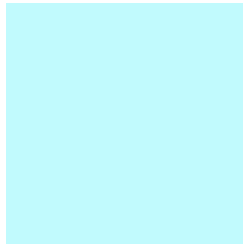
77.8570, 55.4140, 97.0940



26.0900, 18.5630, 32.5390

Previews

White Background



This preview shows how the YIQ color 233.2990, -34.9350, -11.1510 looks on a white background.

Color Contrast Check

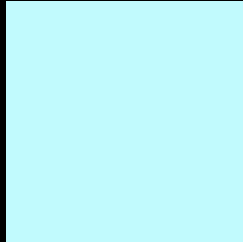
Large Text (above 18pt) WCAG AA × Fail

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 233.2990, -34.9350, -11.1510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

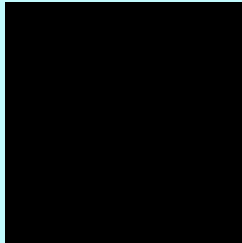
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

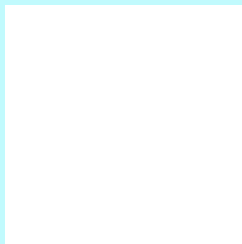
Any Text WCAG AAA ✓ Pass

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

YIQ 233.2990, -34.9350, -11.1510 Background



This preview shows how black text looks on a background with the YIQ color 233.2990, -34.9350, -11.1510.



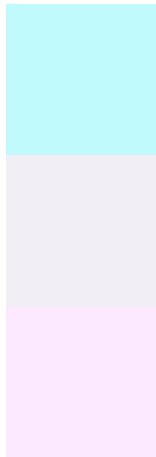
This preview shows how white text looks on a background with the YIQ color 233.2990, -34.9350, -11.1510.

-11.1510.

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

233.2990, -34.9350, -11.1510

Protanopia

239.8090, -0.7800, 3.1240

Deuteranopia

241.4880, 4.8580, 11.0820



Tritanopia

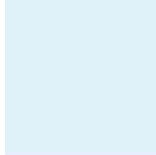
237.1810, -19.6230, -2.3030

Trichromacy



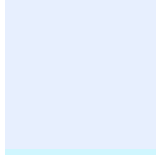
Original Color

233.2990, -34.9350, -11.1510



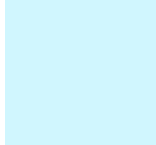
Protanomaly

237.4160, -12.9750, -1.6390



Deuteranomaly

238.3180, -9.5830, 2.9690



Tritanomaly

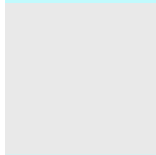
235.5500, -25.2160, -5.5680

Monochromacy



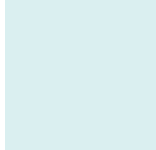
Original Color

233.2990, -34.9350, -11.1510



Achromatopsia

233.0000, -0.0000, -0.0000



Achromatomaly

232.8350, -12.8370, -4.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.2990, -34.9350, -11.1510 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(193, 250, 253)` looks like.

```
.text, #text, p{  
    color:rgb(193, 250, 253)  
}
```

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(193, 250, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 250, 253) }
```

Border

The CSS property to change the border of an element to YIQ 233.2990, -34.9350, -11.1510 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(193, 250, 253) }
```


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

```
.border{ border-color:rgb(193, 250, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 250, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 250, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 250, 253);  
box-shadow:4px 4px 4px 4px rgb(193, 250,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 233.2990, -34.9350, -11.1510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 250, 253) }
```

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

```
.background{ background-color: rgb(193,  
250, 253) }
```

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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