

Converting Colors

YIQ(235.9350, -36.9060,
-13.9780)

Have a look what the booklet for
YIQ(235.9350, -36.9060, -13.9780)
contains.

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Color

**YIQ(235.9350, -36.9060,
-13.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FFFD
RGB	192, 255, 253
RGB Percent	75%, 100%, 99%
CMY	0.2472, 0.0000, 0.0080
CMYK	0.25, 0.00, 0.01, 0.00
HSL	178°, 100%, 88%
HSV	178°, 25%, 100%
XYZ	75.2122, 89.8109, 106.2688
YIQ	235.9350, -36.9060, -13.9780

Conversions

Conversions Part 2

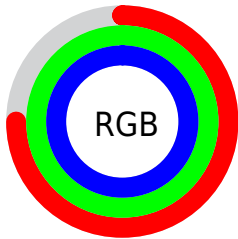
Format	Color
R_{YB}	192, 224, 255
Decimal	12648445
CIE _{Lab}	95.92, -19.93, -5.42
CIE _{LCh}	96, 20.658, 195.222
Yxy	89.8109, 0.2772, 0.3310
Android (android.graphics.Color)	4290838525 (0xFFC0FFFD)
YUV	235.9350, 8.4130, -38.5310
Hunter-Lab	94.7686, -24.1803, -0.1468

Details

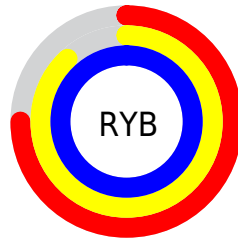
The YIQ color **235.9350, -36.9060, -13.9780** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **211.0650, 36.9060, 13.9780**, and the grayscale version is **236.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **253.5050, -2.9800, -1.0600**, and **179.5330, -35.7140, -13.5540** is the 20% darker color. If you saturate the color by 10%, you get **228.0470, -52.0810, -19.8010**, and if you desaturate by 10%, it is **243.5240, -22.3270, -8.3670**.

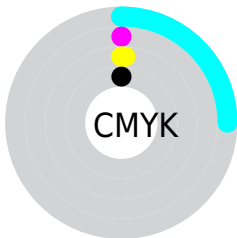
Distribution



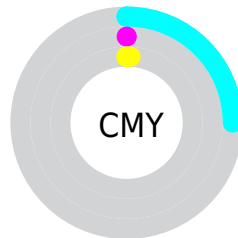
- Red (75%)
- Green (100%)
- Blue (99%)



- Red (75%)
- Yellow (88%)
- Blue (100%)



- Cyan (25%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.9350, -36.9060, -13.9780 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 235.9350, -36.9060, -13.9780 by changing the saturation by 10% instead.

235.9350,
-36.9060, -13.9780

235.9350,
-36.9060, -13.9780

255.0000, -0.0000,
-0.0000

207.2340,
-36.3100, -13.7660

253.5050, -2.9800,
-1.0600

179.5330,
-35.7140, -13.5540

152.5330,
-35.7140, -13.5540

125.9460,
-35.4390, -13.0310

99.6470, -36.0350,
-13.2430

74.1630, -37.5480,
-13.3560

48.9560, -41.3990,

-15.1510

■ 32.9470, -28.0120,
-9.9640

■ 19.4000, -16.0460,
-6.5580

■ 235.9350,
-36.9060, -13.9780

■ 235.9350,
-36.9060, -13.9780

■ 228.0470,
-52.0810, -19.8010

■ 243.5240,
-22.3270, -8.3670

■ 220.4580,
-66.6600, -25.4120

■ 251.4120, -7.1520,
-2.5440

■ 212.5700,
-81.8350, -31.2350

255.0000, -0.0000,
-0.0000

■ 205.0950,
-96.7350, -36.5350

■ 197.2070,
-111.9100, -42.3580

■ 189.6180,
-126.4890, -47.9690

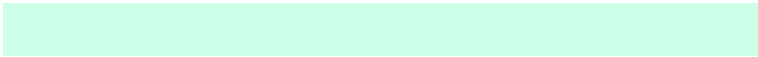
■ 181.7300,
-141.6640, -53.7920

■ 177.8430,
-149.4120, -56.5480

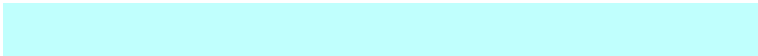
Harmonies

Analogous

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



236.8410, -22.1420, -17.2300



235.9350, -36.9060, -13.9780



235.2880, -36.4020, -12.0980

Triad

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



235.9350, -36.9060, -13.9780



243.2600, 5.5000, 10.4600



239.9080, 20.4500, -7.1820

Complementary

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



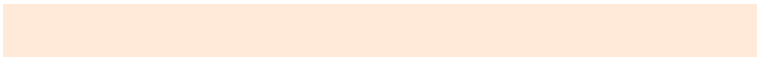
235.9350, -36.9060, -13.9780



211.0650, 36.9060, 13.9780

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.



237.6400, 18.5690, -0.6230



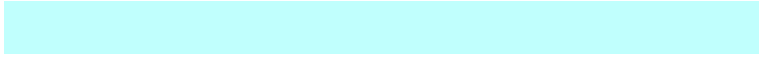
235.9350, -36.9060, -13.9780



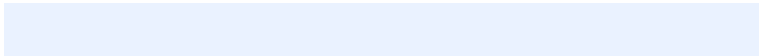
240.2110, 7.1960, 12.7640

Square

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



235.9350, -36.9060, -13.9780



241.0900, -8.9410, 2.3470



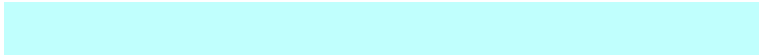
237.9310, 13.6160, 6.5440



241.3370, 14.6280, -11.8040

Rectangle

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



235.9350, -36.9060, -13.9780



236.5170, -29.6170, -8.4090



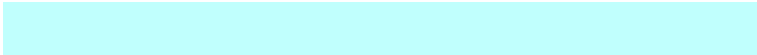
237.9310, 13.6160, 6.5440



238.4890, 20.3120, -4.6800

Sweetspot

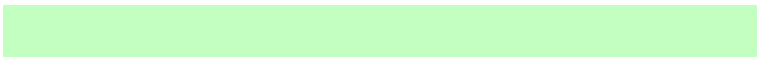
The Sweet Spot groups the original color and five complimentary colors.



235.9350, -36.9060, -13.9780



249.5040, -10.4070, -4.1270



229.5790, -16.1330, -32.5250



124.5970, -6.2350, -2.6430



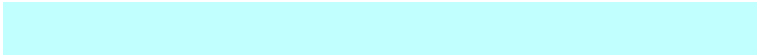
0.0000, 0.0000, 0.0000



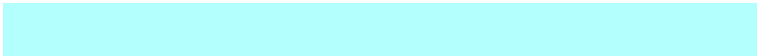
128.0000, -0.0000, -0.0000

Same Dimension

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



235.9350, -36.9060, -13.9780



232.0480, -44.6540, -16.7340



219.1400, -29.5730, 1.8110



123.9990, -7.4270, -3.0670



133.2070, -111.9100, -42.3580



44.6360, -37.5020, -14.1900

Inverse Universe

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



211.0650, 36.9060, 13.9780



201.9520, 44.6540, 16.7340



227.8600, 29.5730, -1.8110



118.8870, 7.7480, 2.7560



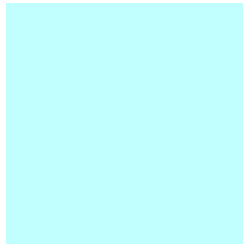
57.7930, 111.9100, 42.3580



19.3640, 37.5020, 14.1900

Previews

White Background



This preview shows how the YIQ color 235.9350, -36.9060, -13.9780 looks on a white background.

Color Contrast Check

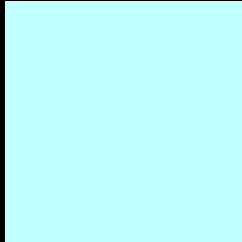
Large Text (above 18pt) WCAG AA × Fail

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 235.9350, -36.9060, -13.9780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

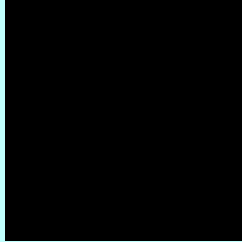
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

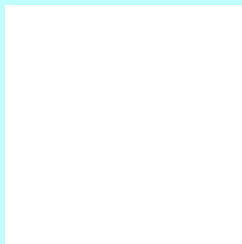
Any Text WCAG AAA ✓ Pass

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

YIQ 235.9350, -36.9060, -13.9780 Background



This preview shows how black text looks on a background with the YIQ color 235.9350, -36.9060, -13.9780.



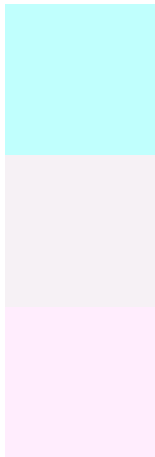
This preview shows how white text looks on a background with the YIQ color 235.9350, -36.9060, -13.9780.

-13.9780.

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

235.9350, -36.9060, -13.9780

Protanopia

242.9510, 1.6960, 2.3040

Deuteranopia

244.2060, 5.5920, 8.7920



Tritanopia

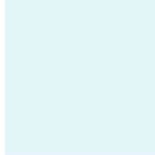
240.7470, -15.4050, -1.6530

Trichromacy



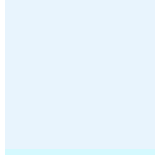
Original Color

235.9350, -36.9060, -13.9780



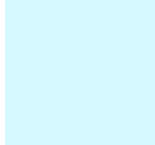
Protanomaly

240.2480, -12.5620, -3.6180



Deuteranomaly

241.4380, -10.0410, 0.2550



Tritanomaly

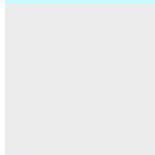
238.8060, -23.0610, -6.0770

Monochromacy



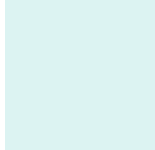
Original Color

235.9350, -36.9060, -13.9780



Achromatopsia

236.0000, 0.0000, -0.0000



Achromatomaly

236.0090, -13.3870, -5.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.9350, -36.9060, -13.9780 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(192, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 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(192, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 253) }
```

Border

The CSS property to change the border of an element to YIQ 235.9350, -36.9060, -13.9780 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(192, 255, 253) }
```


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

```
.border{ border-color:rgb(192, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 235.9350, -36.9060, -13.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 253) }
```

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

```
.background{ background-color: rgb(192,  
255, 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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