

Converting Colors

YIQ(231.9920, -14.7170,
-3.1090)

Have a look what the booklet for
YIQ(231.9920, -14.7170, -3.1090)
contains.

YIQ(231.9920, -14.7170, -3.1090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(231.9920, -14.7170,
-3.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	D8EEF3
RGB	216, 238, 243
RGB Percent	85%, 93%, 95%
CMY	0.1530, 0.0666, 0.0471
CMYK	0.11, 0.02, 0.00, 0.05
HSL	191°, 53%, 90%
HSV	191°, 11%, 95%
XYZ	75.0677, 82.2216, 96.6953
YIQ	231.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

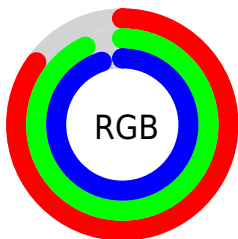
Format	Color
R _Y B	216, 228, 243
Decimal	14216947
CIE Lab	92.67, -6.24, -4.87
CIE LCh	93, 7.917, 217.996
Yxy	82.2216, 0.2956, 0.3237
Android (android.graphics.Color)	4292407027 (0xFFD8EEF3)
YUV	231.9920, 5.4269, -14.0250
Hunter-Lab	90.6761, -10.9091, 0.2475

Details

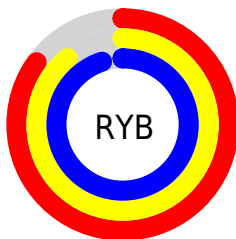
The YIQ color $231.9920, -14.7170, -3.1090$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $227.0080, 14.7170, 3.1090$, and the grayscale version is $232.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $176.2910, -14.1210, -2.8970$ is the 20% darker color. If you saturate the color by 10%, you get $222.4680, -27.9210, -6.1050$, and if you desaturate by 10%, it is $241.5160, -1.5130, -0.1130$.

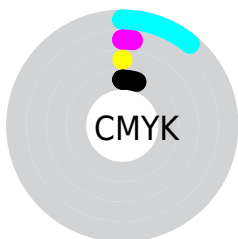
Distribution



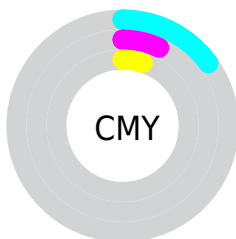
- Red (85%)
- Green (93%)
- Blue (95%)



- Red (85%)
- Yellow (89%)
- Blue (95%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 231.9920, -14.7170, -3.1090 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 231.9920, -14.7170, -3.1090 by changing the saturation by 10% instead.

■ 231.9920,
-14.7170, -3.1090

■ 231.9920,
-14.7170, -3.1090

255.0000, -0.0000,
-0.0000

■ 203.9920,
-14.7170, -3.1090

■ 176.2910,
-14.1210, -2.8970

■ 149.5900,
-13.5250, -2.6850

■ 123.5900,
-13.5250, -2.6850

■ 98.8890, -12.9290,
-2.4730

■ 74.7750, -12.6080,
-2.7840

■ 52.0740, -12.0120,

-2.5720

■ 30.6610, -12.2870,
-3.0950

■ 10.3840, -9.9490,
-1.4130

■ 231.9920,
-14.7170, -3.1090

■ 231.9920,
-14.7170, -3.1090

■ 222.4680,
-27.9210, -6.1050

■ 241.5160, -1.5130,
-0.1130

■ 212.0580,
-41.4460, -8.7900

■ 248.9360, 6.0520,
0.4520

■ 202.5340,
-54.6500, -11.7860

■ 251.2840, 4.9520,
-1.6400

■ 192.4230,
-67.5790, -14.2590

■ 253.6320, 3.8520,
-3.7320

■ 182.6000,
-81.3790, -17.4670

■ 172.4890,
-94.3080, -19.9400

■ 162.9650,
-107.5120, -22.9360

■ 152.8540,
-120.4410, -25.4090

■ 143.9280,
-132.4530, -27.9810

Harmonies

Analogous

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



231.7810, -12.7450, -5.8090



231.9920, -14.7170, -3.1090



232.8830, -12.7920, 0.5520

Triad

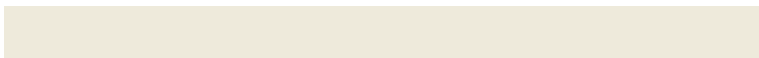
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.9920, -14.7170, -3.1090



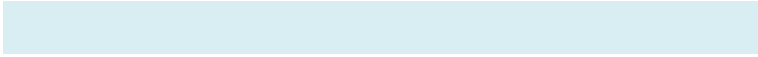
235.9240, 6.3260, 6.5020



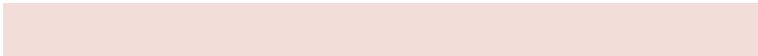
233.4860, 7.1990, -3.8170

Complementary

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



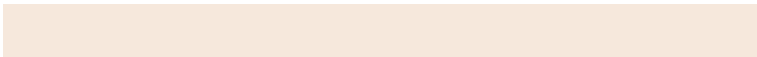
231.9920, -14.7170, -3.1090



227.0080, 14.7170, 3.1090

Split Complementary

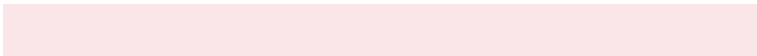
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234.8180, 12.1960, -0.7640



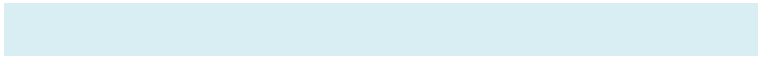
231.9920, -14.7170, -3.1090



235.6210, 11.5530, 5.3850

Square

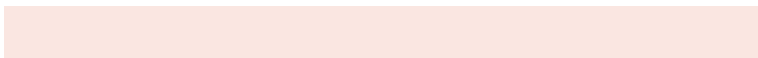
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



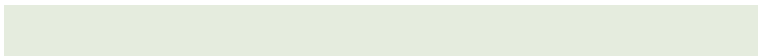
231.9920, -14.7170, -3.1090



234.8030, -0.6430, 6.1490



235.4100, 13.5250, 2.6850



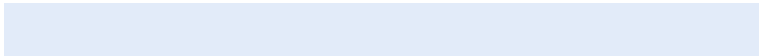
232.3110, 0.3220, -5.8380

Rectangle

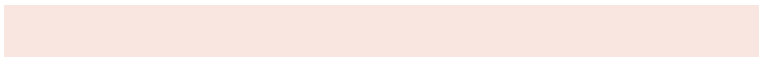
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231.9920, -14.7170, -3.1090



233.9050, -9.8580, 2.4460



235.4100, 13.5250, 2.6850



233.7960, 9.2620, -2.6580

Sweetspot

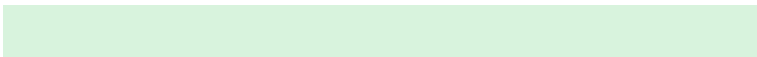
The Sweet Spot groups the original color and five complimentary colors.



231.9920, -14.7170, -3.1090



252.0210, -4.4930, -1.1730



232.4190, -9.0300, -12.5660



125.6190, -3.3010, -0.7490



0.0000, 0.0000, 0.0000



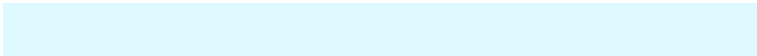
128.0000, -0.0000, -0.0000

Same Dimension

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



231.9920, -14.7170, -3.1090



241.6110, -18.0180, -3.8580



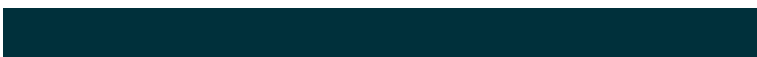
224.3610, -11.1420, 3.6900



117.2380, -6.6020, -1.4980



110.4280, -101.5060, -21.6500



34.9020, -32.1390, -6.7550

Inverse Universe

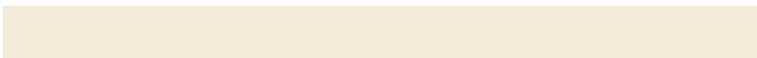
The Inverse Universe completely reimagines the original color for something new.



226.5810, 9.0300, 12.5660



234.9450, 11.0010, 15.3930



234.6390, 11.1420, -3.6900



114.7280, 3.9420, 5.6540



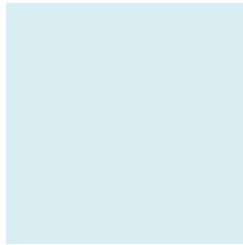
72.9420, 62.0640, 86.7040



23.1130, 19.7560, 27.4360

Previews

White Background



This preview shows how the YIQ color 231.9920, -14.7170, -3.1090 looks on a white background.

Color Contrast Check

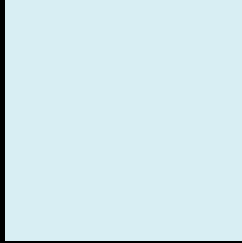
Large Text (above 18pt) WCAG AA × Fail

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 231.9920, -14.7170, -3.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

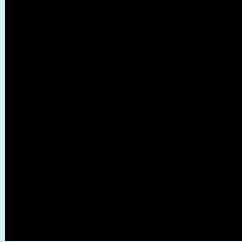
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

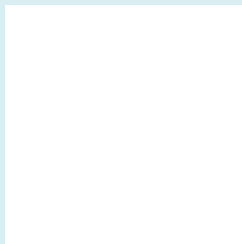
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 231.9920, -14.7170, -3.1090

Background



This preview shows how black text looks on a background with the YIQ color 231.9920, -14.7170, -3.1090.



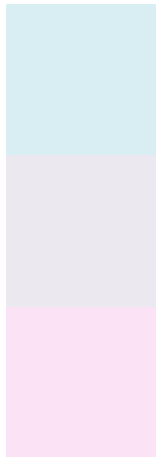
This preview shows how white text looks on a background with the YIQ color 231.9920, -14.7170, -3.1090.

-3.1090.

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

231.9920, -14.7170, -3.1090

Protanopia

234.1080, -0.1840, 3.3360

Deuteranopia

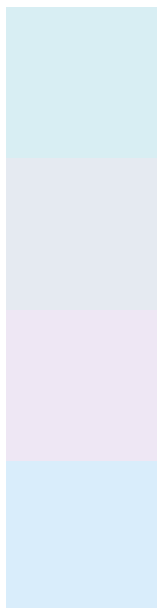
236.2280, 8.5260, 10.6860



Tritanopia

232.7840, -16.8270, 2.0930

Trichromacy



Original Color

231.9920, -14.7170, -3.1090

Protanomaly

233.3030, -5.2270, 1.1170

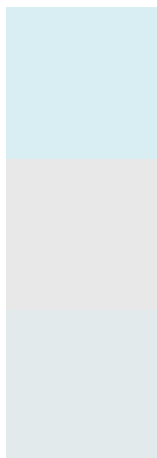
Deuteranomaly

234.5750, -0.0010, 5.5270

Tritanomaly

232.6160, -16.4140, 0.1140

Monochromacy



Original Color

231.9920, -14.7170, -3.1090

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

231.8360, -5.4100, -1.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 231.9920, -14.7170, -3.1090 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(216, 238, 243)` looks like.

```
.text, #text, p{  
    color:rgb(216, 238, 243)  
}
```

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(216, 238, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 238, 243) }
```

Border

The CSS property to change the border of an element to YIQ 231.9920, -14.7170, -3.1090 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(216, 238, 243) }
```


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

```
.border{ border-color:rgb(216, 238, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 238, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 238, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 238, 243);  
box-shadow:4px 4px 4px 4px rgb(216, 238,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 231.9920, -14.7170, -3.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 238, 243) }
```

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

```
.background{ background-color: rgb(216,  
238, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor