

Converting Colors

YIQ(238.0990, -31.4960,
-12.9040)

Have a look what the booklet for
YIQ(238.0990, -31.4960, -12.9040)
contains.

YIQ(238.0990, -31.4960, -12.9040)	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(238.0990, -31.4960,
-12.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	C8FFFB
RGB	200, 255, 251
RGB Percent	78%, 100%, 98%
CMY	0.2158, 0.0000, 0.0158
CMYK	0.22, 0.00, 0.02, 0.00
HSL	176°, 100%, 89%
HSV	176°, 22%, 100%
XYZ	76.9780, 90.7578, 104.7019
YIQ	238.0990, -31.4960, -12.9040

Conversions

Conversions Part 2

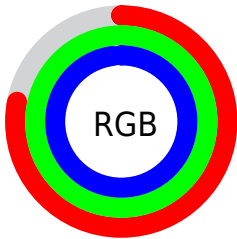
Format	Color
R_{YB}	200, 229, 255
Decimal	13172731
CIE _{Lab}	96.31, -18.03, -3.77
CIE _{LCh}	96, 18.421, 191.804
Yxy	90.7578, 0.2826, 0.3331
Android (android.graphics.Color)	4291362811 (0xFFC8FFFB)
YUV	238.0990, 6.3602, -33.4128
Hunter-Lab	95.2669, -22.4845, 1.5248

Details

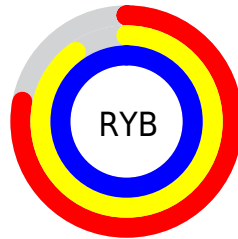
The YIQ color $238.0990, -31.4960, -12.9040$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $216.9010, 31.4960, 12.9040$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $181.8110, -30.6250, -12.1690$ is the 20% darker color. If you saturate the color by 10%, you get $230.0970, -46.3500, -19.0380$, and if you desaturate by 10%, it is $245.8020, -17.2380, -6.9820$.

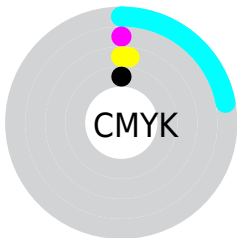
Distribution



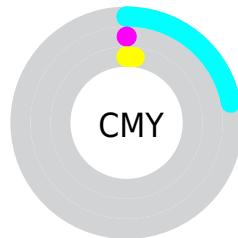
- Red (78%)
- Green (100%)
- Blue (98%)



- Red (78%)
- Yellow (90%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.0990, -31.4960, -12.9040 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 238.0990, -31.4960, -12.9040 by changing the saturation by 10% instead.

■ 238.0990,
-31.4960, -12.9040

■ 238.0990,
-31.4960, -12.9040

255.0000, -0.0000,
-0.0000

■ 209.3980,
-30.9000, -12.6920

■ 181.6970,
-30.3040, -12.4800

■ 154.6970,
-30.3040, -12.4800

■ 128.1100,
-30.0290, -11.9570

■ 102.4090,
-29.4330, -11.7450

■ 78.1100, -30.0290,
-11.9570

■ 52.6150, -33.0090,

-13.0170

■ 32.7190, -27.3700,
-10.5860

■ 19.2860, -15.7250,
-6.8690

■ 238.0990,
-31.4960, -12.9040

■ 238.0990,
-31.4960, -12.9040

■ 230.0970,
-46.3500, -19.0380

■ 245.8020,
-17.2380, -6.9820

■ 222.3940,
-60.6080, -24.9600

■ 253.8040, -2.3840,
-0.8480

■ 214.3920,
-75.4620, -31.0940

■ 255.0000, -0.0000,
-0.0000

■ 206.8030,
-90.0410, -36.7050

■ 198.8010,
-104.8950, -42.8390

■ 191.0980,
-119.1530, -48.7610

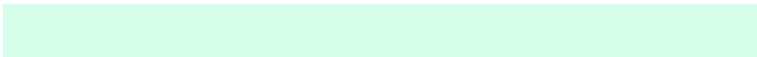
■ 183.0960,
-134.0070, -54.8950

■ 176.5890,
-145.8810, -59.9690

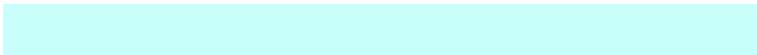
Harmonies

Analogous

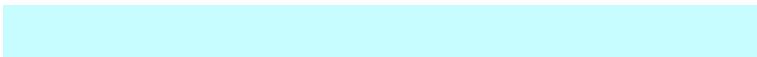
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.0480, -18.2910, -15.4350



238.0990, -31.4960, -12.9040



237.3810, -32.2300, -10.6140

Triad

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



238.0990, -31.4960, -12.9040



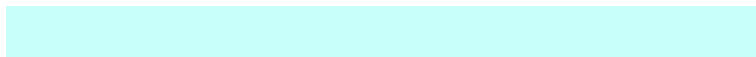
245.0210, 4.6750, 8.8910



241.1790, 18.2490, -5.8390

Complementary

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



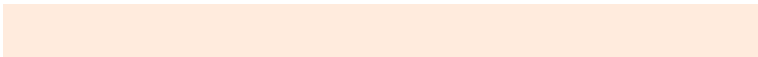
238.0990, -31.4960, -12.9040



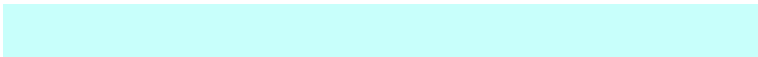
216.9010, 31.4960, 12.9040

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.



239.3840, 16.4140, -0.1140



238.0990, -31.4960, -12.9040



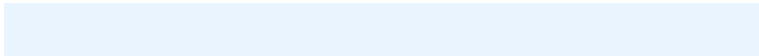
242.0860, 6.0500, 11.5060

Square

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



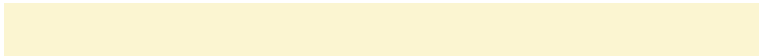
238.0990, -31.4960, -12.9040



242.2640, -9.4910, 1.3010



239.5610, 11.7820, 6.7420



242.6900, 15.1320, -9.9240

Rectangle

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



238.0990, -31.4960, -12.9040



238.3000, -27.5080, -8.0840



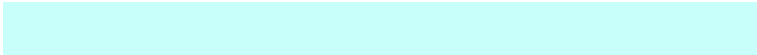
239.5610, 11.7820, 6.7420



240.2330, 18.1570, -4.1710

Sweetspot

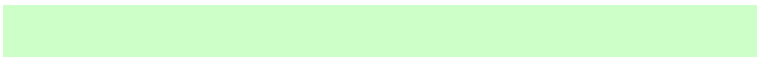
The Sweet Spot groups the original color and five complimentary colors.



238.0990, -31.4960, -12.9040



250.4010, -8.6190, -3.4910



233.7800, -12.1450, -27.7050



125.1950, -5.0430, -2.2190



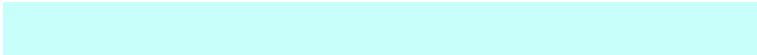
0.0000, 0.0000, 0.0000



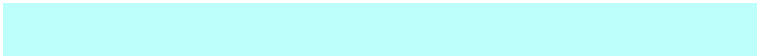
128.0000, -0.0000, -0.0000

Same Dimension

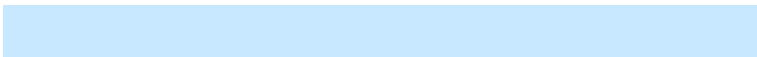
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.0990, -31.4960, -12.9040



234.6960, -37.7310, -15.5470



225.0540, -26.4550, 0.3690



123.9990, -7.4270, -3.0670



132.2950, -109.3420, -44.8460



44.2940, -36.5390, -15.1230

Inverse Universe

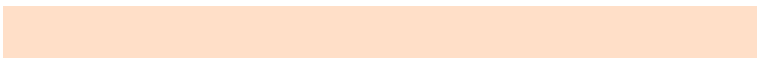
The Inverse Universe completely reimagines the original color for something new.



216.9010, 31.4960, 12.9040



209.3040, 37.7310, 15.5470



229.9460, 26.4550, -0.3690



119.0010, 7.4270, 3.0670



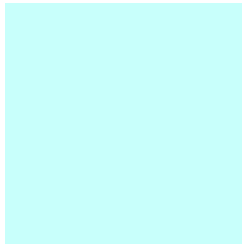
58.7050, 109.3420, 44.8460



19.7060, 36.5390, 15.1230

Previews

White Background



This preview shows how the YIQ color 238.0990, -31.4960, -12.9040 looks on a white background.

Color Contrast Check

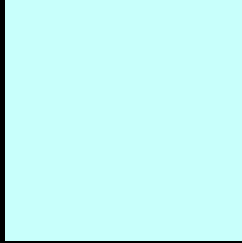
Large Text (above 18pt) WCAG AA × Fail

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 238.0990, -31.4960, -12.9040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

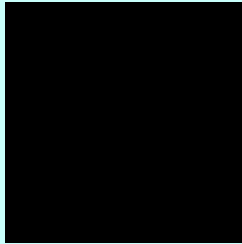
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

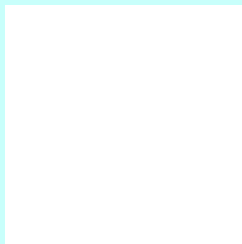
Any Text WCAG AAA ✓ Pass

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

YIQ 238.0990, -31.4960, -12.9040 Background



This preview shows how black text looks on a background with the YIQ color 238.0990, -31.4960, -12.9040.



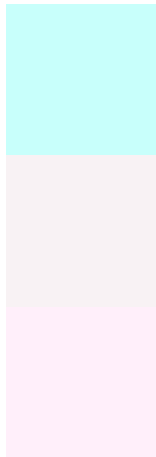
This preview shows how white text looks on a background with the YIQ color 238.0990, -31.4960, -12.9040.

-12.9040.

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

238.0990, -31.4960, -12.9040

Protanopia

244.0220, 2.9340, 1.8940

Deuteranopia

245.0380, 6.0050, 6.8130



Tritanopia

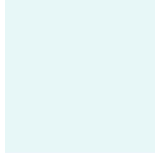
242.8290, -12.7000, -1.1160

Trichromacy



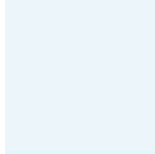
Original Color

238.0990, -31.4960, -12.9040



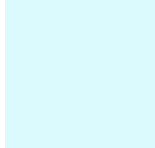
Protanomaly

242.2160, -9.5360, -3.3920



Deuteranomaly

242.5800, -7.5650, -0.5650



Tritanomaly

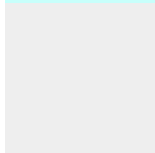
241.1870, -19.7600, -5.3280

Monochromacy



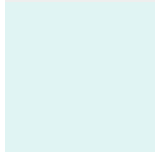
Original Color

238.0990, -31.4960, -12.9040



Achromatopsia

238.0000, -0.0000, 0.0000



Achromatomaly

237.9060, -11.5990, -4.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.0990, -31.4960, -12.9040 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(200, 255, 251)` looks like.

```
.text, #text, p{  
    color:rgb(200, 255, 251)  
}
```

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(200, 255, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 251) }
```

Border

The CSS property to change the border of an element to YIQ 238.0990, -31.4960, -12.9040 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(200, 255, 251) }
```


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

```
.border{ border-color:rgb(200, 255, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 255, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 251);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 238.0990, -31.4960, -12.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 255, 251) }
```

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

```
.background{ background-color: rgb(200,  
255, 251) }
```

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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