

Converting Colors

YIQ(130.9860, -112.0050,
-24.1090)

Have a look what the booklet for
YIQ(130.9860, -112.0050, -24.1090)
contains.

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Color

**YIQ(130.9860, -112.0050,
-24.1090)**

Conversions

Conversions Part 1

Format	Color
Hex	09B1D6
RGB	9, 177, 214
RGB Percent	4%, 69%, 84%
CMY	0.9649, 0.3056, 0.1613
CMYK	0.96, 0.17, 0.00, 0.16
HSL	191°, 92%, 44%
HSV	191°, 96%, 84%
XYZ	27.9698, 36.3786, 69.0852
YIQ	130.9860, -112.0050, -24.1090

Conversions

Conversions Part 2

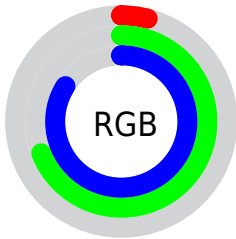
Format	Color
RYB	9, 101, 214
Decimal	635350
CIELab	66.81, -24.36, -29.09
CIELCh	67, 37.939, 230.055
Yxy	36.3786, 0.2096, 0.2726
Android (android.graphics.Color)	4278825430 (0xFF09B1D6)
YUV	130.9860, 40.9259, -106.9817
Hunter-Lab	60.3146, -22.7747, -25.6913

Details

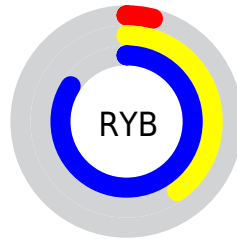
The YIQ color **130.9860, -112.0050, -24.1090** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **92.0140, 112.0050, 24.1090**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **197.5350, -82.7540, -20.0820**, and **90.9140, -85.1390, -15.4030** is the 20% darker color. If you saturate the color by 10%, you get **127.1210, -116.8190, -24.9710**, and if you desaturate by 10%, it is **139.6130, -100.5890, -21.7490**.

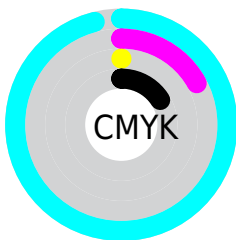
Distribution



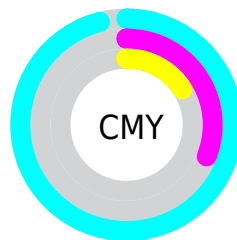
- Red (4%)
- Green (69%)
- Blue (84%)



- Red (4%)
- Yellow (40%)
- Blue (84%)



- Cyan (96%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



- Cyan (96%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.9860, -112.0050, -24.1090 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 130.9860, -112.0050, -24.1090 by changing the saturation by 10% instead.

■ 130.9860,
-112.0050, -24.1090

■ 130.9860,
-112.0050, -24.1090

■ 255.0000, -0.0000,
-0.0000

■ 109.2540,
-100.9560, -20.6040

■ 197.5350,
-82.7540, -20.0820

■ 90.9140, -85.1390,
-15.4030

■ 220.0170,
-69.7320, -24.8040

■ 73.2750, -69.9180,
-10.4140

■ 229.5850,
-50.6600, -18.0200

■ 56.2230, -54.9720,
-5.9480

■ 238.8540,
-32.1840, -11.4480

■ 39.9860, -40.9430,
-1.3830

■ 248.1230,
-13.7080, -4.8760

■ 25.6240, -28.0600,
1.9240

■ 5.5060, -12.7480,

10.7720

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 130.9860,
-112.0050, -24.1090

■ 130.9860,
-112.0050, -24.1090

■ 127.1210,
-116.8190, -24.9710

■ 139.6130,
-100.5890, -21.7490

■ 148.5390,
-88.5770, -19.1770

■ 157.1660,
-77.1610, -16.8170

■ 165.5050,
-64.8740, -13.7220

■ 174.1320,
-53.4580, -11.3620

■ 182.7590,
-42.0420, -9.0020

■ 191.6850,
-30.0300, -6.4300

■ 200.3120,
-18.6140, -4.0700

■ 208.9390, -7.1980,
-1.7100

Harmonies

Analogous

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



128.8320, -106.1800, -36.0680



130.9860, -112.0050, -24.1090



152.5180, -65.7480, 2.1240

Triad

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



130.9860, -112.0050, -24.1090



166.4480, 37.8660, 29.6260



158.1120, 19.2150, -23.3530

Complementary

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



130.9860, -112.0050, -24.1090



92.0140, 112.0050, 24.1090

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.



161.2940, 42.5500, -11.2260



130.9860, -112.0050, -24.1090



164.9640, 53.5480, 20.7480

Square

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



130.9860, -112.0050, -24.1090



166.7190, 9.3020, 29.6700



163.3640, 54.6970, 5.4250



153.5410, -12.9700, -29.2740

Rectangle

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



130.9860, -112.0050, -24.1090



160.3690, -39.9830, 14.2650



163.3640, 54.6970, 5.4250



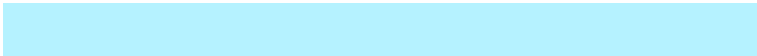
158.7110, 27.8340, -19.8620

Sweetspot

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



130.9860, -112.0050, -24.1090



225.2430, -40.5290, -8.8890



133.2110, -67.2890, -96.6410



109.2620, -24.3450, -4.8330



0.0000, 0.0000, 0.0000



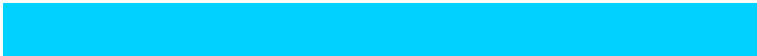
128.0000, -0.0000, -0.0000

Same Dimension

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



130.9860, -112.0050, -24.1090



151.7530, -139.3300, -30.0020



72.2860, -84.5050, 28.1910



102.5370, -6.0060, -1.2860



101.6740, -93.3910, -20.0390



26.0340, -23.7030, -5.4550

Inverse Universe

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



89.4470, 68.2520, 95.7080



100.0710, 84.8910, 119.0590



150.7140, 84.5050, -28.1910



100.3150, 3.6670, 5.1310



67.0890, 56.9760, 79.7920



16.9610, 14.0720, 20.3120

Previews

White Background



This preview shows how the YIQ color 130.9860, -112.0050, -24.1090 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 130.9860, -112.0050, -24.1090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

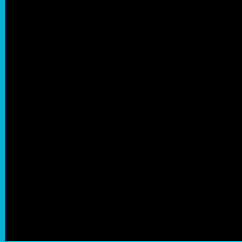
Any Text WCAG AA ✓ Pass

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 130.9860, -112.0050, -24.1090 Background



This preview shows how black text looks on a background with the YIQ color 130.9860, -112.0050, -24.1090.

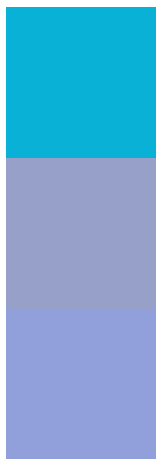


This preview shows how white text looks on a background with the YIQ color 130.9860, -112.0050, -24.1090.

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

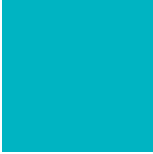
130.9860, -112.0050, -24.1090

Protanopia

161.9830, -18.5250, 10.8430

Deuteranopia

161.5400, -27.2830, 15.3810



Tritanopia

127.7760, -111.7740, -33.8060

Trichromacy



Original Color

130.9860, -112.0050, -24.1090

Protanomaly

150.5270, -52.7720, -1.7640

Deuteranomaly

150.8840, -58.0910, 1.0210

Tritanomaly

128.8840, -111.9580, -30.4700

Monochromacy



Original Color

130.9860, -112.0050, -24.1090

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.2430, -40.5290, -8.8890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.9860, -112.0050, -24.1090 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(9, 177, 214)` looks like.

```
.text, #text, p{  
    color:rgb(9, 177, 214)  
}
```

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(9, 177, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 177, 214) }
```

Border

The CSS property to change the border of an element to YIQ 130.9860, -112.0050, -24.1090 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(9, 177, 214) }
```


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

```
.border{ border-color:rgb(9, 177, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 177, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 177, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 177, 214);  
box-shadow:4px 4px 4px 4px rgb(9, 177,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 130.9860, -112.0050, -24.1090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 177, 214) }
```

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

```
.background{ background-color: rgb(9, 177,  
214) }
```

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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