

Converting Colors

YIQ(138.9740, -120.8990,
-28.1230)

Have a look what the booklet for
YIQ(138.9740, -120.8990, -28.1230)
contains.

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Color

**YIQ(138.9740, -120.8990,
-28.1230)**

Conversions

Conversions Part 1

Format	Color
Hex	06BEE1
RGB	6, 190, 225
RGB Percent	2%, 75%, 88%
CMY	0.9767, 0.2546, 0.1181
CMYK	0.97, 0.15, 0.00, 0.12
HSL	190°, 95%, 45%
HSV	190°, 97%, 88%
XYZ	32.0770, 42.3277, 77.6212
YIQ	138.9740, -120.8990, -28.1230

Conversions

Conversions Part 2

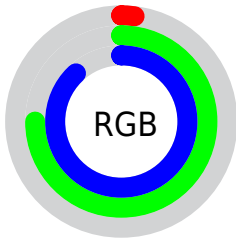
Format	Color
R _Y B	6, 106, 225
Decimal	442081
CIE Lab	71.10, -27.30, -28.50
CIE LCh	71, 39.465, 226.229
Yxy	42.3277, 0.2110, 0.2784
Android (android.graphics.Color)	4278632161 (0xFF06BEE1)
YUV	138.9740, 42.4108, -116.6182
Hunter-Lab	65.0597, -25.8471, -25.1956

Details

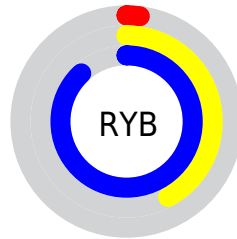
The YIQ color **138.9740, -120.8990, -28.1230** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **92.0260, 120.8990, 28.1230**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6500, -84.8160, -26.7680**, and **99.2120, -91.9700, -18.2580** is the 20% darker color. If you saturate the color by 10%, you get **136.5930, -124.2000, -28.8720**, and if you desaturate by 10%, it is **147.9000, -108.8870, -25.5510**.

Distribution



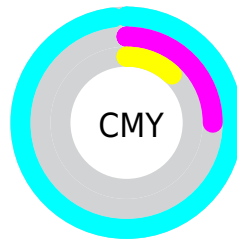
- Red (2%)
- Green (75%)
- Blue (88%)



- Red (2%)
- Yellow (42%)
- Blue (88%)



- Cyan (97%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)



- Cyan (98%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.9740, -120.8990, -28.1230 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 138.9740, -120.8990, -28.1230 by changing the saturation by 10% instead.

■ 138.9740,
-120.8990, -28.1230

■ 138.9740,
-120.8990, -28.1230

■ 255.0000, -0.0000,
-0.0000

■ 118.1390,
-108.0620, -23.9820

■ 206.6500,
-84.8160, -26.7680

■ 99.0980, -91.6490,
-18.5690

■ 221.2130,
-67.3480, -23.9560

■ 81.4590, -76.4280,
-13.5800

■ 230.7810,
-48.2760, -17.1720

■ 63.8200, -61.2070,
-8.5910

■ 240.0500,
-29.8000, -10.6000

■ 46.8820, -46.5820,
-3.8140

■ 249.6180,
-10.7280, -3.8160

■ 31.3460, -33.1490,
0.5390

■ 11.7010, -17.7910,

8.5530

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 138.9740,
-120.8990, -28.1230

■ 138.9740,
-120.8990, -28.1230

■ 136.5930,
-124.2000, -28.8720

■ 147.9000,
-108.8870, -25.5510

■ 156.5380,
-96.0040, -22.2440

■ 165.4640,
-83.9920, -19.6720

■ 174.1020,
-71.1090, -16.3650

■ 183.0280,
-59.0970, -13.7930

■ 192.2530,
-46.4890, -11.0090

■ 200.5920,
-34.2020, -7.9140

■ 209.8170,
-21.5940, -5.1300

■ 218.1560, -9.3070,
-2.0350

Harmonies

Analogous

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



143.9640, -97.7440, -34.7680



138.9740, -120.8990, -28.1230



161.4460, -74.4130, -0.5330

Triad

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



138.9740, -120.8990, -28.1230



178.7300, 37.1320, 31.9160



169.5640, 23.7540, -23.0140

Complementary

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



138.9740, -120.8990, -28.1230



92.0260, 120.8990, 28.1230

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.



172.6860, 47.3180, -9.5300



138.9740, -120.8990, -28.1230



176.4420, 55.1980, 23.8860

Square

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



138.9740, -120.8990, -28.1230



178.6800, 5.0380, 29.8540



175.0980, 58.5020, 8.0540



165.0530, -8.6600, -30.2920

Rectangle

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



138.9740, -120.8990, -28.1230



170.7210, -46.9060, 13.0780



175.0980, 58.5020, 8.0540



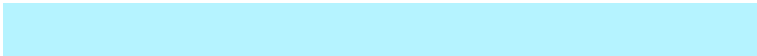
170.5760, 32.6480, -19.0000

Sweetspot

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



138.9740, -120.8990, -28.1230



225.8300, -40.8040, -9.4120



138.3150, -70.8180, -104.2740



109.8490, -24.6200, -5.3560



0.0000, 0.0000, 0.0000



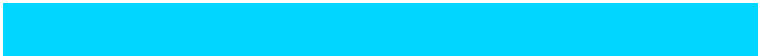
128.0000, -0.0000, -0.0000

Same Dimension

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



138.9740, -120.8990, -28.1230



154.6880, -140.7050, -32.6170



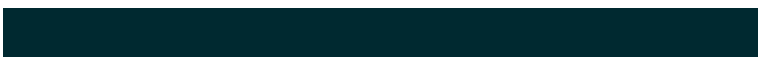
76.1650, -91.4740, 27.8380



107.5370, -6.0060, -1.2860



106.9400, -97.1960, -22.6680



29.5390, -26.6830, -6.5150

Inverse Universe

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



92.4570, 71.4600, 103.6520



100.6410, 83.2860, 120.6140



154.8350, 91.4740, -27.8380



105.3150, 3.6670, 5.1310



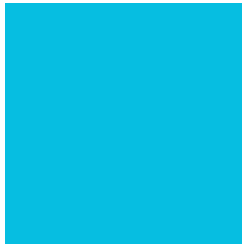
69.4960, 57.3880, 83.3400



19.0260, 15.4470, 22.9270

Previews

White Background



This preview shows how the YIQ color 138.9740, -120.8990, -28.1230 looks on a white background.

Color Contrast Check

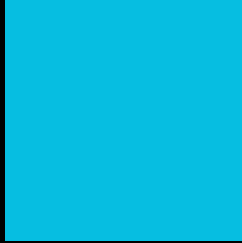
Large Text (above 18pt) WCAG AA × Fail

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 138.9740, -120.8990, -28.1230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

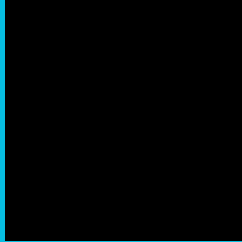
Any Text WCAG AA ✓ Pass

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 138.9740, -120.8990, -28.1230 Background



This preview shows how black text looks on a background with the YIQ color 138.9740, -120.8990, -28.1230.

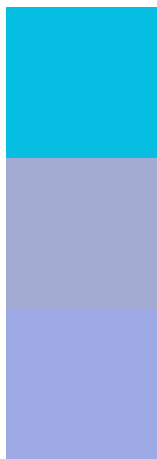


This preview shows how white text looks on a background with the YIQ color 138.9740, -120.8990, -28.1230.

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

138.9740, -120.8990, -28.1230

Protanopia

173.4670, -17.0120, 10.9560

Deuteranopia

173.1380, -26.0910, 15.8050



Tritanopia

136.3020, -119.2470, -36.0390

Trichromacy



Original Color

138.9740, -120.8990, -28.1230

Protanomaly

161.1030, -54.5140, -3.2340

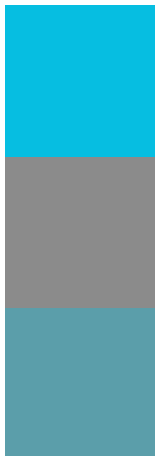
Deuteranomaly

160.5740, -60.1540, -0.1380

Tritanomaly

136.9970, -119.7060, -33.2260

Monochromacy



Original Color

138.9740, -120.8990, -28.1230

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.3350, -43.7840, -10.4720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.9740, -120.8990, -28.1230 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(6, 190, 225)` looks like.

```
.text, #text, p{  
    color:rgb(6, 190, 225)  
}
```

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(6, 190, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 190, 225) }
```

Border

The CSS property to change the border of an element to YIQ 138.9740, -120.8990, -28.1230 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(6, 190, 225) }
```


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

```
.border{ border-color:rgb(6, 190, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 190, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 190, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 190, 225);  
box-shadow:4px 4px 4px 4px rgb(6, 190,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 138.9740, -120.8990, -28.1230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 190, 225) }
```

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

```
.background{ background-color: rgb(6, 190,  
225) }
```

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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