

Converting Colors

YIQ(137.9960, -117.9650,
-26.2290)

Have a look what the booklet for
YIQ(137.9960, -117.9650, -26.2290)
contains.

| | |
|---|----|
| YIQ(137.9960, -117.9650, -26.2290) | 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(137.9960, -117.9650,
-26.2290)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 09BBE0 |
| RGB | 9, 187, 224 |
| RGB Percent | 4%, 73%, 88% |
| CMY | 0.9649, 0.2664, 0.1221 |
| CMYK | 0.96, 0.16, 0.00, 0.12 |
| HSL | 190°, 92%, 46% |
| HSV | 190°, 96%, 88% |
| XYZ | 31.3350, 41.0048, 76.6941 |
| YIQ | 137.9960, -117.9650, -26.2290 |

Conversions

Conversions Part 2

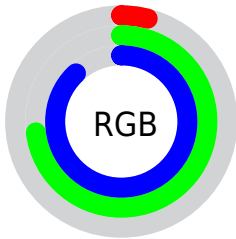
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 9, 106, 224 |
| Decimal | 637920 |
| CIELab | 70.18, -26.05, -29.36 |
| CIELCh | 70, 39.257, 228.419 |
| Yxy | 41.0048, 0.2103, 0.2751 |
| Android (android.graphics.Color) | 4278828000 (0xFF09BBE0) |
| YUV | 137.9960, 42.4000, -113.1295 |
| Hunter-Lab | 64.0350, -24.7138, -26.1866 |

Details

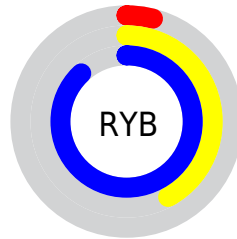
The YIQ color **137.9960, -117.9650, -26.2290** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **95.0040, 117.9650, 26.2290**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.3020, -83.7160, -24.6760**, and **97.3370, -90.8240, -17.0000** is the 20% darker color. If you saturate the color by 10%, you get **134.7180, -123.0540, -27.6140**, and if you desaturate by 10%, it is **146.9220, -105.9530, -23.6570**.

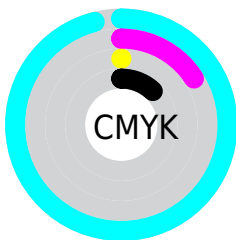
Distribution



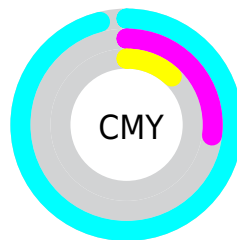
- Red (4%)
- Green (73%)
- Blue (88%)



- Red (4%)
- Yellow (42%)
- Blue (88%)



- Cyan (96%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (96%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.9960, -117.9650, -26.2290 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 137.9960, -117.9650, -26.2290 by changing the saturation by 10% instead.

■ 137.9960,
-117.9650, -26.2290

■ 137.9960,
-117.9650, -26.2290

■ 255.0000, -0.0000,
-0.0000

■ 116.2640,
-106.9160, -22.7240

■ 204.3020,
-83.7160, -24.6760

■ 97.9240, -91.0990,
-17.5230

■ 221.2130,
-67.3480, -23.9560

■ 79.5840, -75.2820,
-12.3220

■ 230.7810,
-48.2760, -17.1720

■ 61.9450, -60.0610,
-7.3330

■ 240.0500,
-29.8000, -10.6000

■ 45.7080, -46.0320,
-2.7680

■ 249.3190,
-11.3240, -4.0280

■ 30.0580, -32.2780,
1.2740

■ 8.1790, -16.1410,

11.6910

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 137.9960,
-117.9650, -26.2290

■ 137.9960,
-117.9650, -26.2290

■ 134.7180,
-123.0540, -27.6140

■ 146.9220,
-105.9530, -23.6570

■ 156.1470,
-93.3450, -20.8730

■ 165.0730,
-81.3330, -18.3010

■ 173.7110,
-68.4500, -14.9940

■ 182.6370,
-56.4380, -12.4220

■ 191.5630,
-44.4260, -9.8500

■ 200.7880,
-31.8180, -7.0660

■ 209.7140,
-19.8060, -4.4940

■ 218.6400, -7.7940,
-1.9220

Harmonies

Analogous

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



139.2130, -102.8790, -35.3190



137.9960, -117.9650, -26.2290



160.3540, -71.1580, 1.0500

Triad

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



137.9960, -117.9650, -26.2290



175.8010, 38.3700, 31.5060



166.7810, 21.6450, -23.3390

Complementary

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



137.9960, -117.9650, -26.2290



95.0040, 117.9650, 26.2290

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.



170.3760, 45.2550, -10.6890



137.9960, -117.9650, -26.2290



173.8010, 55.5650, 22.7410

Square

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



137.9960, -117.9650, -26.2290



176.0610, 8.3390, 30.6030



171.9730, 57.3560, 6.7960



162.0850, -11.6860, -30.5180

Rectangle

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



137.9960, -117.9650, -26.2290



169.2160, -43.9260, 14.1380



171.9730, 57.3560, 6.7960



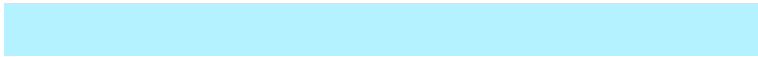
168.2660, 30.5850, -20.1590

Sweetspot

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



137.9960, -117.9650, -26.2290



225.2430, -40.5290, -8.8890



139.3090, -70.6810, -101.2490



109.8490, -24.6200, -5.3560



0.0000, 0.0000, 0.0000



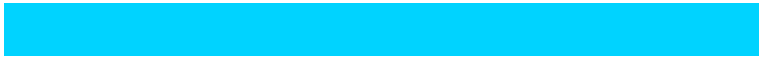
128.0000, -0.0000, -0.0000

Same Dimension

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



137.9960, -117.9650, -26.2290



152.9270, -139.8800, -31.0480



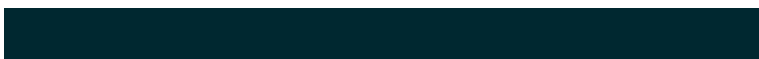
75.7740, -88.8150, 29.2090



107.5370, -6.0060, -1.2860



105.7660, -96.6460, -21.6220



28.9520, -26.4080, -5.9920

Inverse Universe

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



93.5770, 71.0020, 100.9380



100.2990, 84.2490, 119.6810



157.2260, 88.8150, -29.2090



105.3150, 3.6670, 5.1310



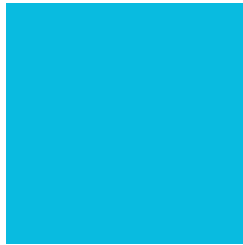
69.2680, 58.0300, 82.7180



18.9120, 15.7680, 22.6160

Previews

White Background



This preview shows how the YIQ color 137.9960, -117.9650, -26.2290 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 137.9960, -117.9650, -26.2290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

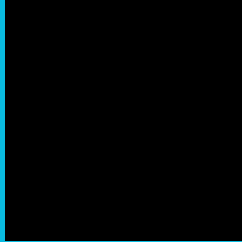
Any Text WCAG AA ✓ Pass

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 137.9960, -117.9650, -26.2290 Background



This preview shows how black text looks on a background with the YIQ color 137.9960, -117.9650, -26.2290.

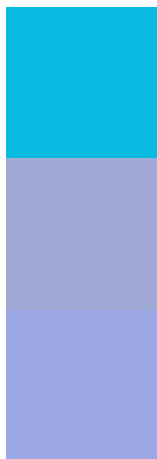


This preview shows how white text looks on a background with the YIQ color 137.9960, -117.9650, -26.2290.

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

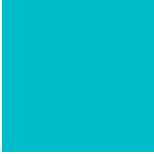
137.9960, -117.9650, -26.2290

Protanopia

171.0970, -18.8460, 11.1540

Deuteranopia

170.9530, -27.0080, 15.9040



Tritanopia

134.1990, -117.4590, -35.4030

Trichromacy



Original Color

137.9960, -117.9650, -26.2290

Protanomaly

159.3310, -55.1560, -2.6120

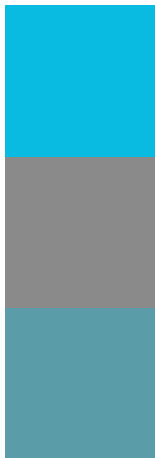
Deuteranomaly

158.9870, -59.8790, 0.3850

Tritanomaly

135.3070, -117.6430, -32.0670

Monochromacy



Original Color

137.9960, -117.9650, -26.2290

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0470, -42.9130, -9.7370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.9960, -117.9650, -26.2290 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, 187, 224)` looks like.

```
.text, #text, p{  
    color:rgb(9, 187, 224)  
}
```

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, 187, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 187, 224) }
```

Border

The CSS property to change the border of an element to YIQ 137.9960, -117.9650, -26.2290 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, 187, 224) }
```


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

```
.border{ border-color:rgb(9, 187, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 187, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 187, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 187, 224);  
box-shadow:4px 4px 4px 4px rgb(9, 187,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 137.9960, -117.9650, -26.2290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 187, 224) }
```

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

```
.background{ background-color: rgb(9, 187,  
224) }
```

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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