

Converting Colors

YIQ(133.8690, -124.7970,
-23.5570)

Have a look what the booklet for
YIQ(133.8690, -124.7970, -23.5570)
contains.

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Color

**YIQ(133.8690, -124.7970,
-23.5570)**

Conversions

Conversions Part 1

Format	Color
Hex	00B7E8
RGB	0, 183, 232
RGB Percent	0%, 72%, 91%
CMY	0.9998, 0.2820, 0.0907
CMYK	1.00, 0.21, 0.00, 0.09
HSL	193°, 100%, 45%
HSV	193°, 100%, 91%
XYZ	31.4956, 39.7172, 82.2489
YIQ	133.8690, -124.7970, -23.5570

Conversions

Conversions Part 2

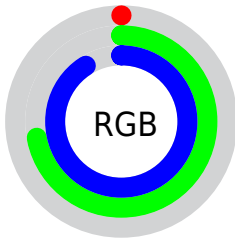
Format	Color
R _{YB}	0, 102, 232
Decimal	47080
CIE Lab	69.27, -21.53, -35.13
CIE LCh	69, 41.208, 238.494
Yxy	39.7172, 0.2052, 0.2588
Android (android.graphics.Color)	4278237160 (0xFF00B7E8)
YUV	133.8690, 48.3786, -117.4031
Hunter-Lab	63.0216, -21.0810, -33.2637

Details

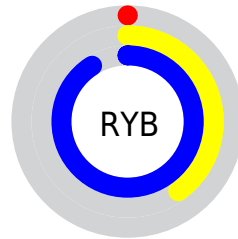
The YIQ color **133.8690, -124.7970, -23.5570** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **98.1310, 124.7970, 23.5570**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.6550, -83.2120, -22.7960**, and **96.3740, -92.2460, -13.2540** is the 20% darker color. If you saturate the color by 10%, you get **133.8690, -124.7970, -23.5570**, and if you desaturate by 10%, it is **143.6810, -112.4640, -21.2960**.

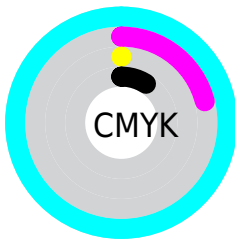
Distribution



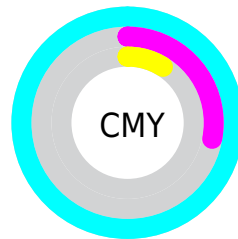
- Red (0%)
- Green (72%)
- Blue (91%)



- Red (0%)
- Yellow (40%)
- Blue (91%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (28%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.8690, -124.7970, -23.5570 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 133.8690, -124.7970, -23.5570 by changing the saturation by 10% instead.

■ 133.8690,
-124.7970, -23.5570

■ 133.8690,
-124.7970, -23.5570

■ 255.0000, -0.0000,
-0.0000

■ 114.8280,
-108.3840, -18.1440

■ 201.6550,
-83.2120, -22.7960

■ 96.3740, -92.2460,
-13.2540

■ 221.2130,
-67.3480, -23.9560

■ 78.6210, -76.7040,
-8.5760

■ 230.7810,
-48.2760, -17.1720

■ 60.9820, -61.4830,
-3.5870

■ 240.0500,
-29.8000, -10.6000

■ 44.6310, -47.1330,
0.6670

■ 249.6180,
-10.7280, -3.8160

■ 29.5680, -33.6540,
4.1860

■ 8.1620, -17.4710,

13.7690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 133.8690,
-124.7970, -23.5570

■ 143.6810,
-112.4640, -21.2960

■ 153.4930,
-100.1310, -19.0350

■ 163.6040,
-87.2020, -16.5620

■ 173.4160,
-74.8690, -14.3010

■ 182.6410,
-62.2610, -11.5170

■ 192.4530,
-49.9280, -9.2560

■ 202.2650,
-37.5950, -6.9950

■ 212.3760,
-24.6660, -4.5220

■ 222.1880,
-12.3330, -2.2610

Harmonies

Analogous

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



133.4980, -116.8630, -35.1910



133.8690, -124.7970, -23.5570



161.5450, -61.2100, 7.9900

Triad

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



133.8690, -124.7970, -23.5570



172.9500, 48.1360, 30.7280



162.7580, 11.2840, -28.3000

Complementary

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



133.8690, -124.7970, -23.5570



98.1310, 124.7970, 23.5570

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.



166.3490, 40.7170, -16.5550



133.8690, -124.7970, -23.5570



170.5040, 60.6550, 18.5990

Square

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



133.8690, -124.7970, -23.5570



174.1010, 20.0300, 33.4860



168.8710, 57.4030, 0.4350



156.4900, -26.1280, -33.1040

Rectangle

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



133.8690, -124.7970, -23.5570



169.3640, -32.4190, 20.3570



168.8710, 57.4030, 0.4350



164.0260, 22.3330, -24.7950

Sweetspot

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



133.8690, -124.7970, -23.5570



222.8840, -40.8960, -7.7440



141.4280, -78.5660, -107.0300



108.3760, -24.6660, -4.5220



0.0000, 0.0000, 0.0000



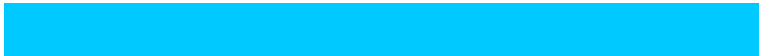
128.0000, -0.0000, -0.0000

Same Dimension

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



133.8690, -124.7970, -23.5570



147.0570, -137.1300, -25.8180



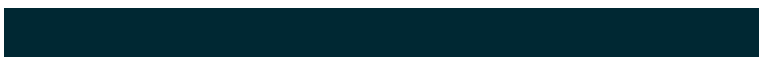
67.5380, -93.7220, 35.5420



109.6510, -6.3270, -0.9750



103.1730, -96.2340, -18.0740



29.2940, -27.3710, -5.0590

Inverse Universe

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



90.2300, 79.5290, 106.0970



99.1590, 87.4590, 116.5710



164.4620, 93.7220, -35.5420



107.6140, 4.2630, 5.3430



69.5950, 61.4230, 81.7990



19.8090, 17.5560, 23.2520

Previews

White Background



This preview shows how the YIQ color 133.8690, -124.7970, -23.5570 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 133.8690, -124.7970, -23.5570 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 133.8690, -124.7970, -23.5570 Background



This preview shows how black text looks on a background with the YIQ color 133.8690, -124.7970, -23.5570.

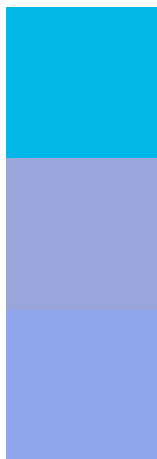


This preview shows how white text looks on a background with the YIQ color 133.8690, -124.7970, -23.5570.

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

133.8690, -124.7970, -23.5570

Protanopia

168.4540, -24.1650, 13.9390

Deuteranopia

167.4020, -35.5820, 17.1060



Tritanopia

132.6830, -115.9460, -35.2900

Trichromacy



Original Color

133.8690, -124.7970, -23.5570

Protanomaly

155.8020, -60.7960, 0.4840

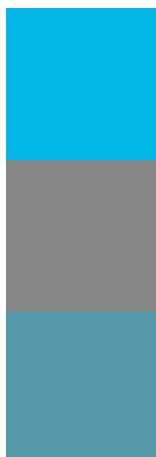
Deuteranomaly

155.1480, -67.5820, 2.3220

Tritanomaly

133.3500, -119.2020, -31.3460

Monochromacy



Original Color

133.8690, -124.7970, -23.5570

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.0190, -45.7100, -8.6060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.8690, -124.7970, -23.5570 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(0, 183, 232)` looks like.

```
.text, #text, p{  
    color:rgb(0, 183, 232)  
}
```

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(0, 183, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 183, 232) }
```

Border

The CSS property to change the border of an element to YIQ 133.8690, -124.7970, -23.5570 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(0, 183, 232) }
```


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

```
.border{ border-color:rgb(0, 183, 232) }
```

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

Here you see how a box with a 4 pixel rgb(0, 183, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 183, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 183, 232);  
box-shadow:4px 4px 4px 4px rgb(0, 183,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 133.8690, -124.7970, -23.5570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 183, 232) }
```

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

```
.background{ background-color: rgb(0, 183,  
232) }
```

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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