

Converting Colors

YIQ(130.1650, -128.1460,
-12.4180)

Have a look what the booklet for
YIQ(130.1650, -128.1460, -12.4180)
contains.

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Color

**YIQ(130.1650, -128.1460,
-12.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	00ADFB
RGB	0, 173, 251
RGB Percent	0%, 68%, 98%
CMY	0.9997, 0.3213, 0.0163
CMYK	1.00, 0.31, 0.00, 0.02
HSL	199°, 100%, 49%
HSV	199°, 100%, 98%
XYZ	32.3473, 36.8710, 96.5588
YIQ	130.1650, -128.1460, -12.4180

Conversions

Conversions Part 2

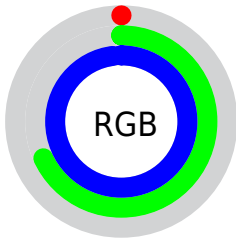
Format	Color
R _{YB}	0, 102, 251
Decimal	44539
CIE _{Lab}	67.18, -9.45, -48.74
CIE _{LCh}	67, 49.643, 259.031
Y _{xy}	36.8710, 0.1951, 0.2224
Android (android.graphics.Color)	4278234619 (0xFF00ADFB)
YUV	130.1650, 59.5717, -114.1547
Hunter-Lab	60.7215, -11.1729, -51.7774

Details

The YIQ color **130.1650, -128.1460, -12.4180** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **120.8350, 128.1460, 12.4180**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.3940, -77.8030, -16.1950**, and **93.1430, -95.5490, -2.9490** is the 20% darker color. If you saturate the color by 10%, you get **130.1650, -128.1460, -12.4180**, and if you desaturate by 10%, it is **142.3360, -115.4460, -11.3020**.

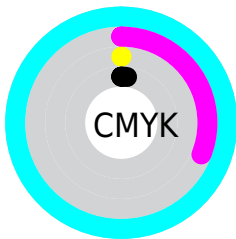
Distribution



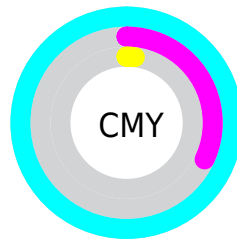
- Red (0%)
- Green (68%)
- Blue (98%)



- Red (0%)
- Yellow (40%)
- Blue (98%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (32%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.1650, -128.1460, -12.4180 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 130.1650, -128.1460, -12.4180 by changing the saturation by 10% instead.

■ 130.1650,
-128.1460, -12.4180

■ 130.1650,
-128.1460, -12.4180

■ 255.0000, -0.0000,
-0.0000

■ 111.5970,
-111.6870, -7.8390

■ 196.3940,
-77.8030, -16.1950

■ 93.1430, -95.5490,
-2.9490

■ 222.4090,
-64.9640, -23.1080

■ 75.2760, -79.6860,
1.4180

■ 231.9770,
-45.8920, -16.3240

■ 58.8110, -65.0150,
5.3610

■ 241.5450,
-26.8200, -9.5400

■ 42.9330, -50.6190,
8.7810

■ 251.1130, -7.7480,
-2.7560

■ 28.3430, -37.0940,
11.4660

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 130.1650,
-128.1460, -12.4180

■ 142.3360,
-115.4460, -11.3020

■ 154.5070,
-102.7460, -10.1860

■ 166.0910,
-89.7710, -8.5470

■ 178.2620,
-77.0710, -7.4310

■ 190.7320,
-63.7750, -6.1030

■ 202.9030,
-51.0750, -4.9870

■ 215.0740,
-38.3750, -3.8710

■ 226.6580,
-25.4000, -2.2320

■ 238.8290,
-12.7000, -1.1160

Harmonies

Analogous

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



133.0540, -123.8800, -23.6560



130.1650, -128.1460, -12.4180



162.8780, -39.6180, 24.1740

Triad

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



130.1650, -128.1460, -12.4180



164.3190, 68.9060, 28.7620



150.2920, -17.0030, -38.7870

Complementary

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



130.1650, -128.1460, -12.4180



120.8350, 128.1460, 12.4180

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.



156.7780, 25.7270, -31.2410



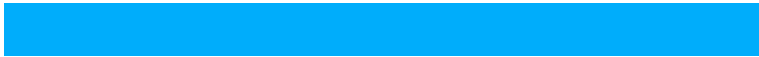
130.1650, -128.1460, -12.4180



162.7310, 69.7810, 7.3890

Square

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



130.1650, -128.1460, -12.4180



167.0460, 48.2260, 40.1140



160.4170, 55.2050, -14.8030



127.8160, -92.0560, -49.7520

Rectangle

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



130.1650, -128.1460, -12.4180



167.5790, -4.6830, 35.3250



160.4170, 55.2050, -14.8030



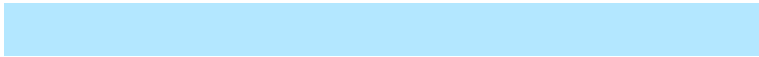
152.8440, -1.0020, -36.9220

Sweetspot

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



130.1650, -128.1460, -12.4180



218.1880, -38.6960, -3.5600



155.8870, -93.1000, -107.9480



105.4410, -23.2910, -1.9070



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.



130.1650, -128.1460, -12.4180



132.3820, -130.2550, -12.7430



57.9640, -94.3210, 51.9110



118.7650, -6.6480, -0.6640



97.8560, -96.4190, -9.2110



31.6080, -31.1310, -2.9950

Inverse Universe

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



94.7710, 94.0630, 107.0150



96.3090, 95.4840, 108.7960



193.0360, 94.3210, -51.9110



116.9130, 4.8590, 5.5550



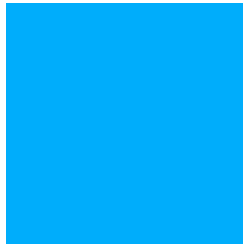
71.3310, 70.9140, 80.4980



23.0270, 22.8740, 25.9940

Previews

White Background



This preview shows how the YIQ color 130.1650, -128.1460, -12.4180 looks on a white background.

Color Contrast Check

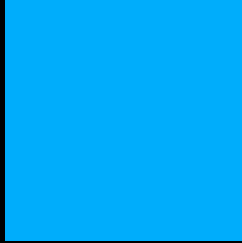
Large Text (above 18pt) WCAG AA × Fail

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 130.1650, -128.1460, -12.4180 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

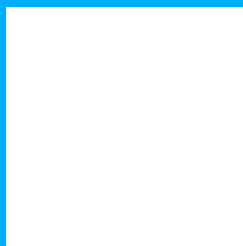
Any Text WCAG AAA ✓ Pass

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

YIQ 130.1650, -128.1460, -12.4180 Background



This preview shows how black text looks on a background with the YIQ color 130.1650, -128.1460, -12.4180.



This preview shows how white text looks on a background with the YIQ color 130.1650, -128.1460, -12.4180.

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

130.1650, -128.1460, -12.4180

Protanopia

161.9440, -39.9840, 19.7920

Deuteranopia

158.0220, -57.8190, 18.1250



Tritanopia

128.3630, -112.0490, -34.3290

Trichromacy



Original Color

130.1650, -128.1460, -12.4180

Protanomaly

150.6840, -71.8470, 8.0330

Deuteranomaly

147.9970, -83.0340, 7.0300

Tritanomaly

128.9960, -117.9650, -26.2290

Monochromacy



Original Color

130.1650, -128.1460, -12.4180

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

130.3550, -46.5360, -4.6480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.1650, -128.1460, -12.4180 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, 173, 251)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 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(0, 173, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 251) }
```

Border

The CSS property to change the border of an element to YIQ 130.1650, -128.1460, -12.4180 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, 173, 251) }
```


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

```
.border{ border-color:rgb(0, 173, 251) }
```

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

Here you see how a box with a 4 pixel rgb(0, 173, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 251);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 130.1650, -128.1460, -12.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 251) }
```

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

```
.background{ background-color: rgb(0, 173,  
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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