

Converting Colors

YIQ(132.1740, -91.0890,
-72.7930)

Have a look what the booklet for
YIQ(132.1740, -91.0890, -72.7930)
contains.

YIQ(132.1740, -91.0890, -72.7930)	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(132.1740, -91.0890,
-72.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC6D
RGB	0, 204, 109
RGB Percent	0%, 80%, 43%
CMY	1.0000, 0.1997, 0.5728
CMYK	1.00, 0.00, 0.47, 0.20
HSL	152°, 100%, 40%
HSV	152°, 100%, 80%
XYZ	24.3696, 44.3289, 21.7192
YIQ	132.1740, -91.0890, -72.7930

Conversions

Conversions Part 2

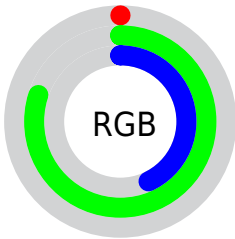
Format	Color
RYB	0, 133, 204
Decimal	52333
CIELab	72.45, -63.60, 35.64
CIELCh	72, 72.902, 150.735
Yxy	44.3289, 0.2695, 0.4903
Android (android.graphics.Color)	4278242413 (0xFF00CC6D)
YUV	132.1740, -11.4248, -115.9166
Hunter-Lab	66.5800, -51.1805, 27.2649

Details

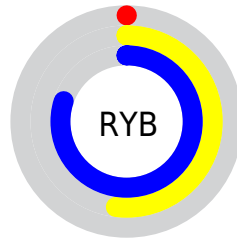
The YIQ color **132.1740, -91.0890, -72.7930** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **71.8260, 91.0890, 72.7930**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **198.6510, -61.3350, -61.3590**, and **93.6020, -59.6390, -59.0550** is the 20% darker color. If you saturate the color by 10%, you get **132.1740, -91.0890, -72.7930**, and if you desaturate by 10%, it is **139.1800, -82.0580, -65.7540**.

Distribution



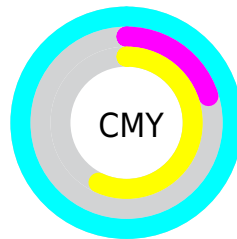
- Red (0%)
- Green (80%)
- Blue (43%)



- Red (0%)
- Yellow (52%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.1740, -91.0890, -72.7930 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 132.1740, -91.0890, -72.7930 by changing the saturation by 10% instead.

■ 132.1740,
-91.0890, -72.7930

■ 132.1740,
-91.0890, -72.7930

■ 255.0000, -0.0000,
-0.0000

■ 112.8880,
-75.3640, -65.9240

■ 198.6510,
-61.3350, -61.3590

■ 93.6020, -59.6390,
-59.0550

■ 211.2970,
-50.9300, -46.1780

■ 75.0170, -44.5100,
-52.3980

■ 223.7580,
-41.4420, -30.8980

■ 56.5630, -28.3720,
-47.5080

■ 236.3330,
-32.2750, -15.3070

■ 41.0900, -19.2500,
-36.6100

■ 246.6280,
-16.6880, -5.9360

■ 27.0020, -12.6500,
-24.0580

■ 9.3920, -4.4000,

-8.3680

■ 0.0000, 0.0000,
0.0000

■ 132.1740,
-91.0890, -72.7930

■ 139.1800,
-82.0580, -65.7540

■ 146.5990,
-72.7520, -58.1920

■ 153.6050,
-63.7210, -51.1530

■ 161.0240,
-54.4150, -43.5910

■ 168.1440,
-45.7050, -36.2410

■ 175.1500,
-36.6740, -29.2020

■ 182.5690,
-27.3680, -21.6400

■ 189.5750,
-18.3370, -14.6010

■ 196.9940, -9.0310,
-7.0390

Harmonies

Analogous

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



161.3350, 15.8280, -55.5960



132.1740, -91.0890, -72.7930



142.8610, -114.2920, -54.2600

Triad

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



132.1740, -91.0890, -72.7930



137.6650, -132.7300, -17.4500



160.8550, 81.8360, 25.7080

Complementary

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



132.1740, -91.0890, -72.7930



71.8260, 91.0890, 72.7930

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.



162.3950, 63.7210, 51.1530



132.1740, -91.0890, -72.7930



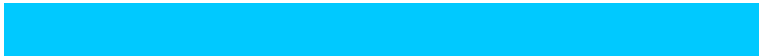
175.9240, -18.8960, 34.0960

Square

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



132.1740, -91.0890, -72.7930



147.0570, -137.1300, -25.8180



179.7840, 38.1810, 62.4770



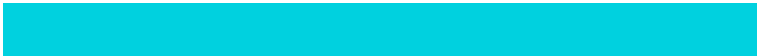
170.2060, 92.7080, -6.1400

Rectangle

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



132.1740, -91.0890, -72.7930



148.1050, -129.0580, -39.9540



179.7840, 38.1810, 62.4770



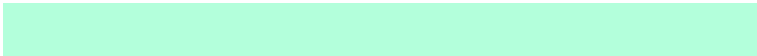
159.7270, 76.7450, 35.3770

Sweetspot

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



132.1740, -91.0890, -72.7930



228.1720, -33.7400, -27.3080



148.1530, 0.5200, -86.5520



111.7380, -20.3540, -16.5940



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.



132.1740, -91.0890, -72.7930



165.1890, -113.7810, -91.0690



138.8950, -119.6590, -39.5870



98.4400, -4.3550, -3.6750



107.4740, -73.8980, -59.4500



24.5860, -16.8700, -13.6540

Inverse Universe

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



71.8260, 91.0890, 72.7930



89.8110, 113.7810, 91.0690



65.1050, 119.6590, 39.5870



95.5600, 4.3550, 3.6750



58.4120, 74.2190, 59.1390



13.4140, 16.8700, 13.6540

Previews

White Background



This preview shows how the YIQ color 132.1740, -91.0890, -72.7930 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 132.1740, -91.0890, -72.7930 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 132.1740, -91.0890, -72.7930 Background



This preview shows how black text looks on a background with the YIQ color 132.1740, -91.0890, -72.7930.



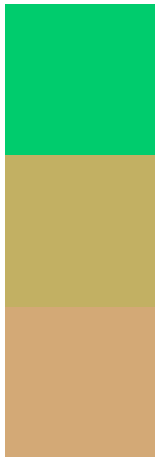
This preview shows how white text looks on a background with the YIQ color 132.1740, -91.0890, -72.7930.

-72.7930.

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

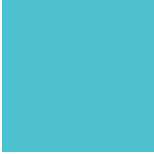
132.1740, -91.0890, -72.7930

Protanopia

172.6040, 35.4450, -20.1310

Deuteranopia

175.7440, 41.4030, -6.9570



Tritanopia

160.0260, -73.9510, -19.9270

Trichromacy



Original Color

132.1740, -91.0890, -72.7930



Protanomaly

157.7010, -10.9050, -39.1690



Deuteranomaly

160.0100, -7.1010, -31.0130



Tritanomaly

149.8980, -80.1830, -39.1510

Monochromacy



Original Color

132.1740, -91.0890, -72.7930



Achromatopsia

132.0000, -0.0000, -0.0000



Achromatomaly

131.9980, -33.1900, -26.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.1740, -91.0890, -72.7930 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, 204, 109)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 109)  
}
```

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, 204, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 109) }
```

Border

The CSS property to change the border of an element to YIQ 132.1740, -91.0890, -72.7930 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, 204, 109) }
```


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

```
.border{ border-color:rgb(0, 204, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 109);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 132.1740, -91.0890, -72.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 109) }
```

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

```
.background{ background-color: rgb(0, 204,  
109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor