

Converting Colors

YIQ(171.4140, 76.4820,
-31.4700)

Have a look what the booklet for
YIQ(171.4140, 76.4820, -31.4700)
contains.

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Color

**YIQ(171.4140, 76.4820,
-31.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	E1AB21
RGB	225, 171, 33
RGB Percent	88%, 67%, 13%
CMY	0.1176, 0.3295, 0.8702
CMYK	0.00, 0.24, 0.85, 0.12
HSL	43°, 76%, 51%
HSV	43°, 85%, 88%
XYZ	45.8893, 45.2368, 7.7595
YIQ	171.4140, 76.4820, -31.4700

Conversions

Conversions Part 2

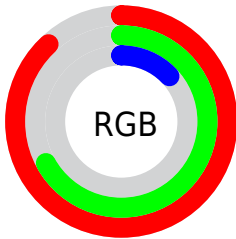
Format	Color
RYB	108, 225, 33
Decimal	14789409
CIELab	73.05, 8.42, 70.61
CIELCh	73, 71.112, 83.198
Yxy	45.2368, 0.4641, 0.4575
Android (android.graphics.Color)	4292979489 (0xFFE1AB21)
YUV	171.4140, -68.2381, 46.9949
Hunter-Lab	67.2583, 4.0856, 40.2406

Details

The YIQ color **171.4140, 76.4820, -31.4700** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **86.5860, -76.4820, 31.4700**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.5090, 59.9770, -35.2150**, and **119.1880, 65.6150, -27.2570** is the 20% darker color. If you saturate the color by 10%, you get **165.3840, 85.1940, -35.1740**, and if you desaturate by 10%, it is **177.5580, 67.4490, -27.4550**.

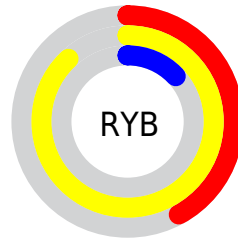
Distribution



Red (88%)

Green (67%)

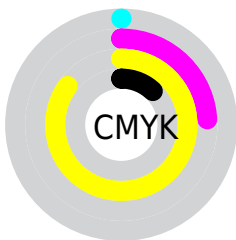
Blue (13%)



Red (42%)

Yellow (88%)

Blue (13%)

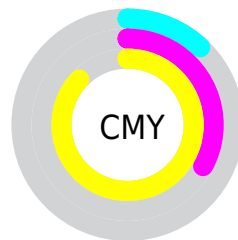


Cyan (0%)

Magenta (24%)

Yellow (85%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.4140, 76.4820, -31.4700 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 171.4140, 76.4820, -31.4700 by changing the saturation by 10% instead.

171.4140, 76.4820,
-31.4700

171.4140, 76.4820,
-31.4700

255.0000, -0.0000,
-0.0000

143.4200, 76.3450,
-34.4950

219.5090, 59.9770,
-35.2150

119.1880, 65.6150,
-27.2570

239.7240, 43.0140,
-41.6740

96.1300, 54.3350,
-21.0650

242.9160, 34.0260,
-32.9660

73.6700, 44.2470,
-14.4490

246.1080, 25.0380,
-24.2580

52.3840, 33.6090,
-8.8790

249.4140, 15.7290,
-15.2390

31.9840, 23.2920,
-3.6200

252.7200, 6.4200,

10.7200, 15.5880,

-6.2200

3.8440

■ 0.0000, 0.0000,
0.0000

■ 171.4140, 76.4820,
-31.4700

■ 171.4140, 76.4820,
-31.4700

■ 165.3840, 85.1940,
-35.1740

■ 177.5580, 67.4490,
-27.4550

■ 162.3690, 89.5500,
-37.0260

■ 184.1750, 58.4620,
-24.2740

■ 190.3190, 49.4290,
-20.2590

■ 196.3490, 40.7170,
-16.5550

■ 203.0800, 31.4090,
-13.0630

■ 209.1100, 22.6970,
-9.3590

■ 215.2540, 13.6640,
-5.3440

■ 221.8710, 4.6770,
-2.1630

■ 228.0150, -4.3560,
1.8520

Harmonies

Analogous

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



169.9100, 88.0300, 1.5500



171.4140, 76.4820, -31.4700



165.8700, 30.4990, -51.6530

Triad

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



171.4140, 76.4820, -31.4700



149.3760, -131.2590, -38.6110



184.2060, 25.0690, 57.8130

Complementary

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



171.4140, 76.4820, -31.4700



86.5860, -76.4820, 31.4700

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.



173.1340, -37.4630, 23.6650



171.4140, 76.4820, -31.4700



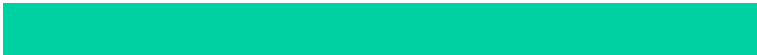
149.4050, -138.2300, -27.9100

Square

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



171.4140, 76.4820, -31.4700



141.1510, -109.4770, -58.9250



141.1870, -134.3800, -20.5880



167.9690, 56.2930, 53.6130

Rectangle

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



171.4140, 76.4820, -31.4700



159.6660, -12.9650, -56.9090



141.1870, -134.3800, -20.5880



182.0140, 7.6940, 47.8060

Sweetspot

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



171.4140, 76.4820, -31.4700



236.3230, 26.4110, -10.5890



96.5640, 97.0980, 57.4980



116.3960, 16.1400, -6.1640



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.



171.4140, 76.4820, -31.4700



183.6660, 101.6550, -41.6490



190.5540, 36.6000, -68.6160



108.9850, 4.3560, -1.8520



126.5860, 70.2460, -28.5860



34.8970, 18.9830, -8.1290

Inverse Universe

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



86.5860, -76.4820, 31.4700



71.3340, -101.6550, 41.6490



67.4460, -36.6000, 68.6160



104.0150, -4.3560, 1.8520



49.4140, -70.2460, 28.5860



13.6900, -19.2580, 7.6060

Previews

White Background



This preview shows how the YIQ color 171.4140, 76.4820, -31.4700 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 171.4140, 76.4820, -31.4700 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 171.4140, 76.4820, -31.4700

Background



This preview shows how black text looks on a background with the YIQ color 171.4140, 76.4820, -31.4700.



This preview shows how white text looks on a background with the YIQ color 171.4140, 76.4820, -31.4700.

-31.4700.

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

171.4140, 76.4820, -31.4700

Protanopia

170.1620, 59.3360, -40.1200

Deuteranopia

171.2400, 77.0320, -30.4240



Tritanopia

182.4940, 40.2520, 19.4200

Trichromacy



Original Color

171.4140, 76.4820, -31.4700

Protanomaly

170.6790, 65.2500, -37.1660

Deuteranomaly

171.2400, 77.0320, -30.4240

Tritanomaly

178.2450, 53.4140, 1.1420

Monochromacy



Original Color

171.4140, 76.4820, -31.4700

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.2800, 27.9700, -11.3100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.4140, 76.4820, -31.4700 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(225, 171, 33)` looks like.

```
.text, #text, p{  
    color:rgb(225, 171, 33)  
}
```

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(225, 171, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 171, 33) }
```

Border

The CSS property to change the border of an element to YIQ 171.4140, 76.4820, -31.4700 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(225, 171, 33) }
```


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

```
.border{ border-color:rgb(225, 171, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 171, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 171, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 171, 33);  
box-shadow:4px 4px 4px 4px rgb(225, 171,  
33) }
```

Background

The CSS property to change the background color of an element to YIQ 171.4140, 76.4820, -31.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 171, 33) }
```

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

```
.background{ background-color: rgb(225,  
171, 33) }
```

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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