

Converting Colors

YIQ(173.9690, 79.2330,
-31.7670)

Have a look what the booklet for
YIQ(173.9690, 79.2330, -31.7670)
contains.

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Color

**YIQ(173.9690, 79.2330,
-31.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	E6AD20
RGB	230, 173, 32
RGB Percent	90%, 68%, 13%
CMY	0.0980, 0.3216, 0.8741
CMYK	0.00, 0.25, 0.86, 0.10
HSL	43°, 80%, 51%
HSV	43°, 86%, 90%
XYZ	47.8381, 46.8077, 7.8877
YIQ	173.9690, 79.2330, -31.7670

Conversions

Conversions Part 2

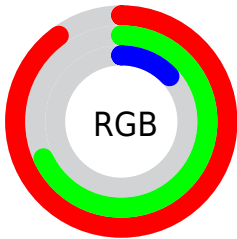
Format	Color
RYB	112, 230, 32
Decimal	15117600
CIELab	74.07, 9.51, 71.91
CIELCh	74, 72.540, 82.470
Yxy	46.8077, 0.4666, 0.4565
Android (android.graphics.Color)	4293307680 (0xFFE6AD20)
YUV	173.9690, -69.9907, 49.1392
Hunter-Lab	68.4161, 5.0830, 41.0558

Details

The YIQ color **173.9690, 79.2330, -31.7670** 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 **88.0310, -79.2330, 31.7670**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.6830, 59.4270, -36.2610**, and **121.5580, 67.4490, -27.4550** is the 20% darker color. If you saturate the color by 10%, you get **167.2380, 88.5410, -35.2590**, and if you desaturate by 10%, it is **180.7000, 69.9250, -28.2750**.

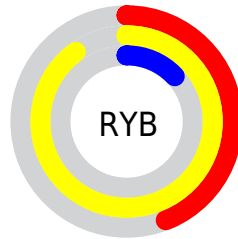
Distribution



Red (90%)

Green (68%)

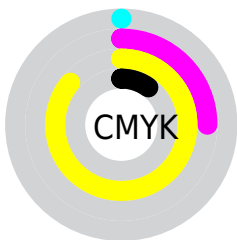
Blue (13%)



Red (44%)

Yellow (90%)

Blue (13%)

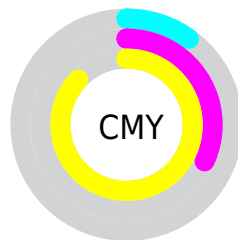


Cyan (0%)

Magenta (25%)

Yellow (86%)

Black (10%)



Cyan (10%)

Magenta (32%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.9690, 79.2330, -31.7670 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 173.9690, 79.2330, -31.7670 by changing the saturation by 10% instead.

173.9690, 79.2330,
-31.7670

173.9690, 79.2330,
-31.7670

255.0000, -0.0000,
-0.0000

145.7900, 78.1790,
-34.6930

220.6830, 59.4270,
-36.2610

121.5580, 67.4490,
-27.4550

239.7240, 43.0140,
-41.6740

98.2120, 57.0400,
-20.5280

242.9160, 34.0260,
-32.9660

76.0400, 46.0810,
-14.6470

246.1080, 25.0380,
-24.2580

54.7540, 35.4430,
-9.0770

249.4140, 15.7290,
-15.2390

34.3540, 25.1260,
-3.8180

252.7200, 6.4200,

13.6770, 17.1470,

-6.2200

3.1230

■ 0.0000, 0.0000,
0.0000

■ 173.9690, 79.2330,
-31.7670

■ 173.9690, 79.2330,
-31.7670

■ 167.2380, 88.5410,
-35.2590

■ 180.7000, 69.9250,
-28.2750

■ 165.0380, 91.9800,
-37.0120

■ 186.8440, 60.8920,
-24.2600

■ 193.5750, 51.5840,
-20.7680

■ 199.7190, 42.5510,
-16.7530

■ 206.4500, 33.2430,
-13.2610

■ 213.1810, 23.9350,
-9.7690

■ 219.3250, 14.9020,
-5.7540

■ 226.0560, 5.5940,
-2.2620

■ 232.7870, -3.7140,
1.2300

Harmonies

Analogous

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



170.6110, 87.4340, 1.3380



173.9690, 79.2330, -31.7670



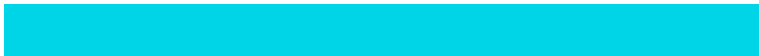
168.5990, 32.7000, -52.9960

Triad

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



173.9690, 79.2330, -31.7670



151.3650, -132.7260, -39.5580



185.9780, 25.7110, 57.1910

Complementary

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



173.9690, 79.2330, -31.7670



88.0310, -79.2330, 31.7670

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.



175.1830, -39.1590, 21.3610



173.9690, 79.2330, -31.7670



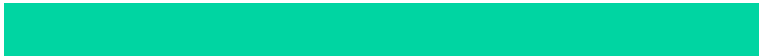
151.1660, -139.0550, -29.4790

Square

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



173.9690, 79.2330, -31.7670



143.4990, -110.5770, -61.0170



143.5350, -135.4800, -22.6800



169.1260, 54.4130, 54.6450

Rectangle

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



173.9690, 79.2330, -31.7670



162.2100, -11.6810, -58.1530



143.5350, -135.4800, -22.6800



184.3730, 8.0610, 46.6610

Sweetspot

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



173.9690, 79.2330, -31.7670



236.3230, 26.4110, -10.5890



97.9280, 99.0690, 60.3250



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.



173.9690, 79.2330, -31.7670



183.0790, 101.9300, -41.1260



195.4680, 39.7180, -70.0580



111.2840, 4.9520, -1.6400



128.0700, 71.7590, -28.4730



36.3810, 20.4960, -8.0160

Inverse Universe

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



88.0310, -79.2330, 31.7670



71.9210, -101.9300, 41.1260



66.5320, -39.7180, 70.0580



106.7160, -4.9520, 1.6400



50.3430, -71.4840, 28.9960



14.6190, -20.4960, 8.0160

Previews

White Background



This preview shows how the YIQ color 173.9690, 79.2330, -31.7670 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 173.9690, 79.2330, -31.7670 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 173.9690, 79.2330, -31.7670

Background



This preview shows how black text looks on a background with the YIQ color 173.9690, 79.2330, -31.7670.



This preview shows how white text looks on a background with the YIQ color 173.9690, 79.2330, -31.7670.

-31.7670.

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

173.9690, 79.2330, -31.7670

Protanopia

172.7060, 60.6200, -41.3640

Deuteranopia

173.9690, 79.2330, -31.7670



Tritanopia

185.3910, 42.0400, 20.0560

Trichromacy



Original Color

173.9690, 79.2330, -31.7670

Protanomaly

172.9350, 67.4050, -37.6750

Deuteranomaly

173.9690, 79.2330, -31.7670

Tritanomaly

181.0280, 55.5230, 1.4670

Monochromacy



Original Color

173.9690, 79.2330, -31.7670

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.0520, 28.6120, -11.9320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.9690, 79.2330, -31.7670 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(230, 173, 32)` looks like.

```
.text, #text, p{  
    color:rgb(230, 173, 32)  
}
```

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(230, 173, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 173, 32) }
```

Border

The CSS property to change the border of an element to YIQ 173.9690, 79.2330, -31.7670 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(230, 173, 32) }
```


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

```
.border{ border-color:rgb(230, 173, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 173, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 173, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 173, 32);  
box-shadow:4px 4px 4px 4px rgb(230, 173,  
32) }
```

Background

The CSS property to change the background color of an element to YIQ 173.9690, 79.2330, -31.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 173, 32) }
```

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

```
.background{ background-color: rgb(230,  
173, 32) }
```

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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