

Converting Colors

YIQ(170.2860, 79.4180,
-40.6300)

Have a look what the booklet for
YIQ(170.2860, 79.4180, -40.6300)
contains.

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Color

**YIQ(170.2860, 79.4180,
-40.6300)**

Conversions

Conversions Part 1

Format	Color
Hex	DDAF0D
RGB	221, 175, 13
RGB Percent	87%, 69%, 5%
CMY	0.1333, 0.3138, 0.9485
CMYK	0.00, 0.21, 0.94, 0.13
HSL	47°, 89%, 46%
HSV	47°, 94%, 87%
XYZ	45.2190, 46.0541, 6.8906
YIQ	170.2860, 79.4180, -40.6300

Conversions

Conversions Part 2

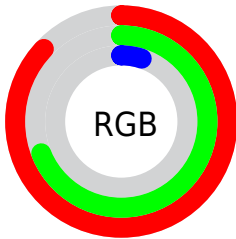
Format	Color
RYB	72, 221, 13
Decimal	14528269
CIELab	73.58, 4.21, 74.75
CIELCh	74, 74.867, 86.780
Yxy	46.0541, 0.4606, 0.4692
Android (android.graphics.Color)	4292718349 (0xFFDDAF0D)
YUV	170.2860, -77.5420, 44.4762
Hunter-Lab	67.8632, 0.1786, 41.4841

Details

The YIQ color **170.2860, 79.4180, -40.6300** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **63.7140, -79.4180, 40.6300**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.8310, 61.7660, -40.1060**, and **120.3400, 62.1310, -30.1970** is the 20% darker color. If you saturate the color by 10%, you get **167.0430, 84.4160, -43.1040**, and if you desaturate by 10%, it is **175.7290, 70.9810, -36.4030**.

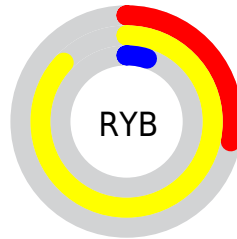
Distribution



Red (87%)

Green (69%)

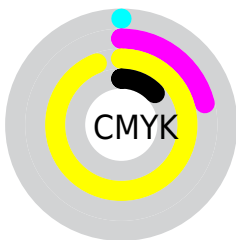
Blue (5%)



Red (28%)

Yellow (87%)

Blue (5%)

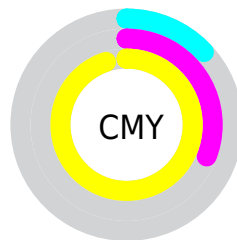


Cyan (0%)

Magenta (21%)

Yellow (94%)

Black (13%)



Cyan (13%)

Magenta (31%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.2860, 79.4180, -40.6300 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 170.2860, 79.4180, -40.6300 by changing the saturation by 10% instead.

■ 170.2860, 79.4180,
-40.6300

■ 170.2860, 79.4180,
-40.6300

■ 255.0000, -0.0000,
-0.0000

■ 144.5720, 72.8610,
-37.4350

■ 220.8310, 61.7660,
-40.1060

■ 120.3400, 62.1310,
-30.1970

■ 238.6980, 45.9030,
-44.4730

■ 96.9940, 51.7220,
-23.2700

■ 241.8900, 36.9150,
-35.7650

■ 74.8220, 40.7630,
-17.3890

■ 245.1960, 27.6060,
-26.7460

■ 53.5360, 30.1250,
-11.8190

■ 248.5020, 18.2970,
-17.7270

■ 33.4350, 20.4040,
-6.3480

■ 251.8080, 8.9880,

■ 12.7580, 12.4250,

-8.7080

0.5930

■ 0.0000, 0.0000,
0.0000

■ 170.2860, 79.4180,
-40.6300

■ 170.2860, 79.4180,
-40.6300

■ 167.0430, 84.4160,
-43.1040

■ 175.7290, 70.9810,
-36.4030

■ 181.1720, 62.5440,
-32.1760

■ 186.6150, 54.1070,
-27.9490

■ 192.1720, 45.3490,
-23.4110

■ 197.0280, 37.1870,
-18.6610

■ 202.4710, 28.7500,
-14.4340

■ 207.9140, 20.3130,
-10.2070

■ 213.3570, 11.8760,
-5.9800

■ 218.8000, 3.4390,
-1.7530

Harmonies

Analogous

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



170.3030, 91.0570, -3.7510



170.2860, 79.4180, -40.6300



165.0710, 25.3190, -56.8970

Triad

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



170.2860, 79.4180, -40.6300



151.9180, -135.6610, -35.9250



183.9730, 33.2750, 63.2830

Complementary

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



170.2860, 79.4180, -40.6300



63.7140, -79.4180, 40.6300

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.



176.1460, -28.5690, 27.6790



170.2860, 79.4180, -40.6300



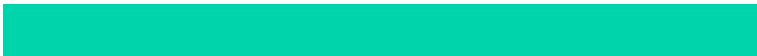
149.9920, -138.5050, -28.4330

Square

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



170.2860, 79.4180, -40.6300



143.9380, -113.1910, -57.6950



141.1870, -134.3800, -20.5880



164.3500, 59.5940, 54.3620

Rectangle

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



170.2860, 79.4180, -40.6300



157.2730, -25.1600, -61.6720



141.1870, -134.3800, -20.5880



183.5530, 16.5420, 52.6540

Sweetspot

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



170.2860, 79.4180, -40.6300



237.5140, 27.1910, -13.7130



80.7780, 108.2390, 59.3350



117.1140, 16.8740, -8.4540



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.



170.2860, 79.4180, -40.6300



193.0580, 97.2550, -50.0170



180.8430, 33.9880, -76.3480



106.9850, 4.3560, -1.8520



130.9720, 65.9830, -33.9290



34.8860, 17.5160, -9.0760

Inverse Universe

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



63.7140, -79.4180, 40.6300



61.9420, -97.2550, 50.0170



53.4560, -33.3920, 76.5600



101.4280, -4.0810, 2.3750



42.0280, -65.9830, 33.9290



11.1140, -17.5160, 9.0760

Previews

White Background



This preview shows how the YIQ color 170.2860, 79.4180, -40.6300 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 170.2860, 79.4180, -40.6300 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 170.2860, 79.4180, -40.6300

Background



This preview shows how black text looks on a background with the YIQ color 170.2860, 79.4180, -40.6300.



This preview shows how white text looks on a background with the YIQ color 170.2860, 79.4180,

-40.6300.

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

170.2860, 79.4180, -40.6300

Protanopia

169.0670, 66.6730, -46.4390

Deuteranopia

171.4870, 83.4060, -35.8100



Tritanopia

184.4010, 36.0800, 17.9360

Trichromacy



Original Color

170.2860, 79.4180, -40.6300

Protanomaly

169.5730, 71.1200, -44.4320

Deuteranomaly

170.9490, 81.9850, -37.5910

Tritanomaly

179.1260, 52.1310, -3.1410

Monochromacy



Original Color

170.2860, 79.4180, -40.6300

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.3570, 29.0710, -14.7450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.2860, 79.4180, -40.6300 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(221, 175, 13)` looks like.

```
.text, #text, p{  
    color:rgb(221, 175, 13)  
}
```

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(221, 175, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 175, 13) }
```

Border

The CSS property to change the border of an element to YIQ 170.2860, 79.4180, -40.6300 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(221, 175, 13) }
```


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

```
.border{ border-color:rgb(221, 175, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 175, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 175, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 175, 13);  
box-shadow:4px 4px 4px 4px rgb(221, 175,  
13) }
```

Background

The CSS property to change the background color of an element to YIQ 170.2860, 79.4180, -40.6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 175, 13) }
```

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

```
.background{ background-color: rgb(221,  
175, 13) }
```

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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