

Converting Colors

YIQ(152.4730, 87.1620,
-15.7660)

Have a look what the booklet for
YIQ(152.4730, 87.1620, -15.7660)
contains.

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Color

**YIQ(152.4730, 87.1620,
-15.7660)**

Conversions

Conversions Part 1

Format	Color
Hex	E28B1D
RGB	226, 139, 29
RGB Percent	89%, 55%, 11%
CMY	0.1136, 0.4550, 0.8858
CMYK	0.00, 0.39, 0.87, 0.11
HSL	33°, 77%, 50%
HSV	33°, 87%, 89%
XYZ	40.8255, 34.7183, 5.7191
YIQ	152.4730, 87.1620, -15.7660

Conversions

Conversions Part 2

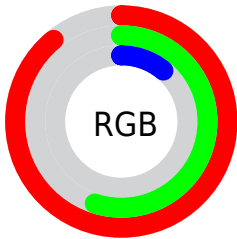
Format	Color
RYB	185, 226, 29
Decimal	14846749
CIELab	65.53, 25.84, 65.67
CIELCh	66, 70.566, 68.522
Yxy	34.7183, 0.5024, 0.4272
Android (android.graphics.Color)	4293036829 (0xFFE28B1D)
YUV	152.4730, -60.8722, 64.4832
Hunter-Lab	58.9222, 20.5637, 35.4908

Details

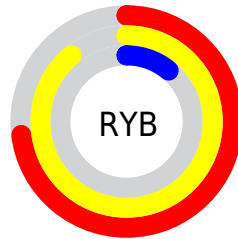
The YIQ color **152.4730, 87.1620, -15.7660** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **102.5270, -87.1620, 15.7660**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **199.3400, 71.2990, -20.1330**, and **101.2790, 73.2690, -11.7790** is the 20% darker color. If you saturate the color by 10%, you get **144.0950, 96.9740, -17.3780**, and if you desaturate by 10%, it is **160.9650, 77.0290, -13.8430**.

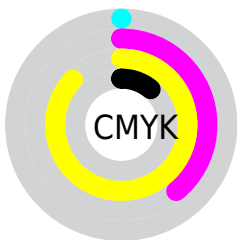
Distribution



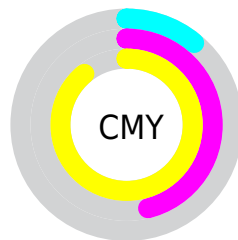
- Red (89%)
- Green (55%)
- Blue (11%)



- Red (73%)
- Yellow (89%)
- Blue (11%)



- Cyan (0%)
- Magenta (39%)
- Yellow (87%)
- Black (11%)



- Cyan (11%)
- Magenta (46%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.4730, 87.1620, -15.7660 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 152.4730, 87.1620, -15.7660 by changing the saturation by 10% instead.

152.4730, 87.1620,
-15.7660

152.4730, 87.1620,
-15.7660

255.0000, -0.0000,
-0.0000

124.6360, 85.1450,
-17.7590

199.3400, 71.2990,
-20.1330

100.6920, 73.5440,
-11.2560

218.8540, 54.9320,
-26.3800

78.5200, 62.5850,
-5.3750

238.3680, 38.5650,
-32.6270

56.0490, 51.0300,
0.2940

245.0820, 27.9270,
-27.0570

34.1760, 40.6670,
6.3870

248.2740, 18.9390,
-18.3490

14.9500, 29.8000,
10.6000

251.5800, 9.6300,

4.7840, 9.5360,

-9.3300

3.3920

■ 0.0000, 0.0000,
0.0000

■ 152.4730, 87.1620,
-15.7660

■ 152.4730, 87.1620,
-15.7660

■ 144.0950, 96.9740,
-17.3780

■ 160.9650, 77.0290,
-13.8430

■ 141.5360,
100.0460, -17.9860

■ 169.3430, 67.2170,
-12.2310

■ 177.8350, 57.0840,
-10.3080

■ 186.3270, 46.9510,
-8.3850

■ 194.7050, 37.1390,
-6.7730

■ 203.1970, 27.0060,
-4.8500

■ 211.5750, 17.1940,
-3.2380

■ 220.0670, 7.0610,
-1.3150

■ 228.5590, -3.0720,
0.6080

Harmonies

Analogous

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



151.4510, 94.5370, 21.2970



152.4730, 87.1620, -15.7660



146.8210, 58.5580, -48.0500

Triad

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



152.4730, 87.1620, -15.7660



131.0070, -108.4710, -44.1110



162.7440, -9.0410, 48.2310

Complementary

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



152.4730, 87.1620, -15.7660



102.5270, -87.1620, 15.7660

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.



125.9690, -121.3620, -3.2020



152.4730, 87.1620, -15.7660



136.7870, -127.5020, -24.0940

Square

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



152.4730, 87.1620, -15.7660



121.1350, -86.1850, -62.5450



133.5560, -130.8050, -13.7890



159.9720, 52.2110, 61.5150

Rectangle

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



152.4730, 87.1620, -15.7660



143.7270, 20.5960, -53.9000



133.5560, -130.8050, -13.7890



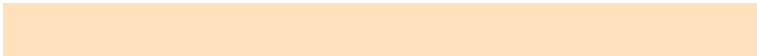
158.7470, -31.4590, 36.0050

Sweetspot

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



152.4730, 87.1620, -15.7660



230.4530, 29.1610, -5.3590



98.0490, 88.8430, 69.4430



112.8740, 17.7900, -3.0260



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.



152.4730, 87.1620, -15.7660



159.5990, 112.9300, -20.2060



200.5520, 57.2770, -63.3870



107.8110, 4.9060, -0.8060



110.1500, 77.9460, -13.9420



30.2010, 21.1830, -3.9450

Inverse Universe

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



102.5270, -87.1620, 15.7660



95.4010, -112.9300, 20.2060



54.4480, -57.2770, 63.3870



105.1890, -4.9060, 0.8060



65.8500, -77.9460, 13.9420



17.7990, -21.1830, 3.9450

Previews

White Background



This preview shows how the YIQ color 152.4730, 87.1620, -15.7660 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 152.4730, 87.1620, -15.7660 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 152.4730, 87.1620, -15.7660

Background



This preview shows how black text looks on a background with the YIQ color 152.4730, 87.1620, -15.7660.



This preview shows how white text looks on a background with the YIQ color 152.4730, 87.1620, -15.7660.

-15.7660.

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

152.4730, 87.1620, -15.7660

Protanopia

151.4310, 51.4490, -34.8470

Deuteranopia

151.3150, 72.4470, -29.9290



Tritanopia

160.6380, 57.5820, 24.7340

Trichromacy



Original Color

152.4730, 87.1620, -15.7660

Protanomaly

151.5900, 64.4230, -27.6810

Deuteranomaly

152.0000, 77.9480, -24.9960

Tritanomaly

157.8280, 68.1300, 9.7780

Monochromacy



Original Color

152.4730, 87.1620, -15.7660

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

152.0080, 31.9120, -5.6560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.4730, 87.1620, -15.7660 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(226, 139, 29)` looks like.

```
.text, #text, p{  
    color:rgb(226, 139, 29)  
}
```

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(226, 139, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 139, 29) }
```

Border

The CSS property to change the border of an element to YIQ 152.4730, 87.1620, -15.7660 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(226, 139, 29) }
```


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

```
.border{ border-color:rgb(226, 139, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 139, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 139, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 139, 29);  
box-shadow:4px 4px 4px 4px rgb(226, 139,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 152.4730, 87.1620, -15.7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 139, 29) }
```

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

```
.background{ background-color: rgb(226,  
139, 29) }
```

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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